

KANSAS FARMER

For the improvement of the Farm and Home

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TOPEKA, KANSAS, APRIL 13, 1912.

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INSPIRATION comes not because we do right but because others do wrong.

Formerly the farmer plowed, planted and reaped as his fathers had done, and the world was fed because the land was rich and the people few. He depended upon the seasons and the "labor of the olive". His idea of efficiency was to know all about a machine except what it was for.

Now the land is worn, the people are many and life is strenuous; even the planet we live on is making two motions at once, and the spur of necessity compelled that inspiration which evolved the modern farm motor.

In its varied forms the motor does his work, reduces his expenses, speeds him on business or pleasure and raises the tone of life. With it the farmer is efficient and uses brain as well as hand. It trains the man.

That man is best educated who is most useful.

—I. D. G.



In Various Forms the Motor Solves the Help Problem, Banishes Solitude, Annihilates Distance and Keeps the Boy on the Farm

Over the Editor's Table

Just a Bit Personal By The Editor
For KANSAS FARMER Folks

The Spanish peanut is sure to get a trial in Kansas this season. Since the publication of our Spanish peanut articles, no less than 100 inquiries for seed have been received. The greater part of these inquiries come from the western half of Kansas, and farmers in that section should obtain seed grown under conditions of soil and climate as closely as possible resembling those conditions under which the seed will be planted. I have furnished all inquiries with the best information obtainable regarding the location of seed for sale. These seedsmen or farmers having seed to sell will do well to advertise the same. The Barteldes Seed Company, with houses at Lawrence, Kan., Denver, Colo., and Oklahoma City, Okla., advise that it has a considerable stock of Spanish peanuts grown under dry farming conditions. We have supplied inquiries with the names of several individuals who have seed for sale. I would recommend a trial patch of at least three acres and, I think, five would be better. With many KANSAS FARMER readers the Spanish peanut may be a tried and proven crop in their locality and, if so, they can safely abide by these results which, if successful, will warrant planting as many acres as desired. KANSAS FARMER of March 30 printed H. M. Cottrell's article, and on April 6 gave the opinion held by Prof. Jardine, of Kansas, Profs. Haecker and Frazsden, each of Nebraska, regarding this plant. It will pay to re-read these articles. Be it understood that in Kansas the Spanish peanut is not proven but it is my opinion that it deserves a trial.

The above indicates how the readers of agricultural papers take hold of an idea, and the 100 inquiries mentioned above will probably spend several hundred dollars in testing this crop. The "test-your-seed-corn" campaign, so vigorously pushed by KANSAS FARMER the past three or four months, has caused the testing of thousands of ears of corn, resulting in the purchase of thousands of bushels of seed corn and the expenditure of thousands of dollars therefor. These two instances are mentioned to illustrate that readers do give attention to and rely on the statements of the agricultural press, and such instances should serve notice on every editor of the care he should exercise in making his recommendations. It is in his ability to discriminate between good and bad from practice that the editor may or may not in fact be a successful editor. The editor who has the experience and who either knows or, not knowing, will sufficiently qualify his remarks, is the only editor the farmer can afford to follow. The farmer should discriminate in his selection of a farm paper, basing his conclusion on the experience and the ability of the editor to give sane and practical advice on farm topics. You engage a doctor for what he knows about the human anatomy and the practice of medicine and not for what he may know about the politics of the day. Your farm paper should be selected for what the editor knows by experience and teaching about farming and live stock as applied to your section, and not for what he may know about some other business in which he was engaged all his life prior to becoming an editor. KANSAS FARMER editor claims to know the farming and live stock business as applied to the territory in which KANSAS FARMER circulates. Our claim is based on our experience as a farmer and grower of live stock, and of 10 subsequent years of close association with every phase of agricultural activity in Kansas. The response of KANSAS FARMER readers causes me to believe that this paper has the confidence of farmers. I promise you now that I will not destroy that confidence in what I write and talk in the interest of good and better farm practice.

I must thank KANSAS FARMER readers for the interest taken and activity shown in my campaign to get the Kansas congressional delegation on record in the matter of oleomargarine legislation by which we demanded that the producer and consumer of butter be safeguarded against the fraudulent sale of oleomargarine. Our readers received from KANSAS FARMER hundreds of free petitions which they circulated and addressed to

their respective Congressman and to Senators Curtis and Bristow. According to the dispatches printed in newspapers, these petitions came like an avalanche onto the desks of Kansas Congressmen, and their office forces worked over time to take care of the letters and acknowledge receipt of the petitions. It is safe to say that every member of the Kansas delegation will oppose a bill which will permit oleo to be so sold that the purchaser cannot know it is oleo. Some do not like the Haugen bill—the farmers' bill—but with every Kansas Congressman upholding the principle that oleo shall not be fraudulently sold, a law satisfactory to the producers and consumers of butter will be constructed. Readers of KANSAS FARMER did this work, so far as Kansas is concerned. They deserve congratulation. My part was only that of furnishing the medium through which the work was done and striking the iron while it was hot.

I cannot help but feel pleased at the results obtained through our "test-your-seed-corn" campaign. Dozens of letters telling of successful or failing germination tests convince me that my words of caution and recommendation on the seed corn question was heeded. The tests of individual farmers here and there resulted in arousing entire communities, particularly in the eastern half of Kansas, to a realization of the condition of the worthless of much of last year's corn for planting. On March 30 the Commercial-National Bank of Hutchinson, called a meeting of Reno county corn growers, which meeting resulted in the attendance of 600 of Reno's best farmers. This was a big meeting, especially so for a day when the condition of the roads made traveling extremely difficult. Prof. Jardine, agronomist of Kansas Agricultural College, made the principal address, dealing chiefly with the necessity of testing seed corn, and proper preparation of the seed bed for corn, the conservation of the now abundant moisture and the proper cultivation of the corn field. KANSAS FARMER editor discussed the necessity and the effects of uniform planting with a view of obtaining a hardy stalk in every hill and the production of a good ear on every stalk which, if such conditions were brought about, would result in a yield two times as great as our present acre average. The audience drew the editor into a discussion of the advantages of the silo—a topic properly discussed at any meeting of corn growers. The Hutchinson papers were very kind of Prof. Jardine and myself, and below is what appeared in the News regarding this editor:

HE STARTED AGITATION

TOM BORMAN THE MAN WHO GOT SEED CORN MOVEMENT AFOOT.

EDITOR OF KANSAS FARMER HERE TODAY TO ADDRESS CORN MEETING.

WHAT HIS TESTS SHOWED

GATHERED CORN AT RANDOM FROM 25 DIFFERENT SECTIONS,

AND DEMONSTRATED THAT A GREAT PART OF IT WOULD NOT PRODUCE CROP.

Tom Borman, the man who is largely responsible for this agitation in Kansas over poor seed corn, was in Hutchinson today. He was invited here to address the seed corn meeting this afternoon.

Mr. Borman, who is editor of KANSAS FARMER, is devoting his whole time to this propaganda for better corn growing in Kansas. It was last December that Mr. Borman discovered that there was really grave danger regarding the seed corn.

"I made a practice of picking up ears of corn here and there in traveling over the state, and finally had 25 ears from as many different sections," explained Mr. Borman. "I tested the grains for fertility and found that a very large proportion of the seed would not germinate."

He called the attention of Prof. Jardine, professor of agronomy at the Agricultural College, to this startling condition and also began a campaign in his paper to urge the testing of the seed corn.



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MORE KAFIR, CANE AND MILO.

Kansas farmers should depend more on Kafir, cane and milo. These will insure—as nearly as that is possible—the feed needed for all the live stock the farm will carry. This, from J. H. Miller, Director of the Kansas Agricultural College extension work, presents the actual situation:

There are but few counties in Kansas where I would not advise farmers to plant more acres of these non-saccharine sorghums. Seven-tenths of the farmers of Kansas push one crop to the extreme. Those of western Kansas grow too many acres of wheat, and those of eastern Kansas grow too many acres of corn. Good farm management would reduce these "one crop" acreages and divide the rush labor periods. In the first place, the wheat counties must change and grow more corn or more sorghum in order to grow more live stock. Furthermore, such a plan would reduce the summer plowing and allow every farmer to complete his plowing for wheat by August 15 and thus get a better seed-bed and a bigger crop. More stock, more corn and sorghums would enable the farmer in western Kansas to keep his teams and employes busy at profitable work for more days of each year and avoid the tremendous rush of harvest and then of summer plowing.

The eastern Kansas farmer who tries each year to increase his corn acreage is equally at fault, in my judgment. Kafir will outyield corn in most years, and I think the average will be about equal for a 10-year period. The reduced corn acreage will enable the farmer to get his corn planted in better shape and in better time, and he then could plant his Kafir, and thus through the season his Kafir work would come in just a few days later than his corn work. Whenever Kafir is to be followed with corn or oats, the ground should be plowed in the fall to allow it to get more moisture. Kafir is not any harder on ground than corn, as far as fertility is concerned, but it does take more moisture, and therefore the fall plowing or fall disking. The fall work is also nicely divided.

I have been in the habit of recommending the following proportion of feed crop acreages for Kansas: Eastern sixty miles, one-fourth to Kafir, three-fourths to corn; next one hundred miles, one-half to each; next one hundred forty miles, three-fourths Kafir and cane, and one-fourth corn; last one hundred miles, nine-tenths to Kafir, cane and milo, and one-tenth (if any) to early varieties of corn. With the right kind of farming there is seldom any necessity for a loss of feed of Kafir, cane or milo. Milo should be grown on every farm in the extreme western counties.

Many farmers make two serious mistakes in the handling of Kafir: (1) They neglect to work the ground early enough in the spring, seeming to act under the impression that, because Kafir is a drought-resistant crop, it does not need any moisture saved for it. (2) They almost universally neglect to gather seed from the field, when they could select the early ripening heads and thus, by breeding, shorten the growing period needed and also have their fields the next year ripen uniformly.

I therefore hope to see a more general planting of these non-saccharine sorghums, although I fear that farmers in some counties in south-central Kansas are tending to the extreme in that direction. Efficiency in farm management must balance farm work throughout the season.

With more moisture in the soil than ever before recorded, and with the lateness of the season which urges work in the fields, there may be a danger of plowing too soon. This will result in cloddy ground, and the labor of the summer will be increased because of it.

You can't fill a silo with a political machine.

MORE ABOUT OLEO LEGISLATION.

The Agricultural Committee of the House during the forenoon of April 4 decided to delay any further consideration of the Lever and Haugen oleomargarine bills until December 24, 1912. This decision, it is claimed by the friends of the Haugen bill and consequently the friends of the butter producer, is the wish of the oleomargarine manufacturers. The oleo supporters find that at this time the sentiment against them in the House is too great for them to overcome. They feel that, with the election over, they can then force through Congress oleo legislation somewhat like the Lever bill.

Three months ago when the oleomargarine manufacturers decided to overthrow the Grout bill, they then realized that by their active and deceptive campaign they had brought strong pressure to bear on Congressmen and believed they had a majority lined up for them. In the first round the producers and friends of butter have been victorious, and had they been strong enough to force the issue would have passed the Haugen bill. The opposition was able to secure a delay, giving themselves time to once more catch their breath. This means that again they will take up their "educational campaign" and push it vigorously. They will make another call on the women's clubs, the labor organizations, the retail grocers' associations, the country merchants and the cotton growers to get busy with petitions declaring that oleo is cheaper, more healthful, more nutritious, etc., than butter, in the endeavor to bolster up Congressmen whose farmer constituents have, during the past few weeks, made a request, the refusal of which would spell disaster in the coming elections. KANSAS FARMER does not believe that delay will result in any change in the attitude of Kansas Congressmen.

Readers of KANSAS FARMER cannot afford to lose sight of the work they have so well and successfully pushed during the last month. We must keep the work pushing forward. KANSAS FARMER will keep you informed what is to be done, when and how.

The editor has had correspondence with several of Kansas' Congressmen since we made our March 30 report on the attitude of Kansas members. A part of that correspondence follows:

Representative Murdock has not yet replied to KANSAS FARMER's telegrams or letters. He has, however, written a number of his constituents, and several of these letters have reached us. On March 30 he wrote Stewart Campbell, Wellington, Kan., in which he said: "While I have not, as yet, had an opportunity to go over the Haugen bill carefully, I am in favor of legislation along the line which I understand it is drawn to reach." This is the first expression of Representative Murdock on oleo legislation that KANSAS FARMER has been able to give to its readers.

Representative Anthony was one of the last of the Kansas delegation to make his declaration on oleo to KANSAS FARMER. On March 21 he wrote this paper: "I have carefully looked into the merits of the two bills in question, and I shall oppose the Lever bill should it be reported from the House Committee, and will support the Haugen bill. I am against permitting the manufacturers of oleomargarine to color their product so as to enable it to masquerade as butter to the detriment of the growing dairy interests of our section of the country. I am a practical farmer myself, interested in both dairy products and in the growing of beef cattle, but I believe the butter fat from Kansas cows brings more dollars into the pockets of the Kansas farmer than he receives for the beef fat that goes into oleomargarine."

Senator Bristow writes, under date of March 27: "I am opposed to removing the present restrictions on sale of oleomargarine, and shall always oppose anything that would give the oleomargarine

producers an opportunity to palm off oleomargarine as genuine butter. I never have been in favor of permitting such an imposition on the public, either in oleomargarine or anything else. I feel that the present oleomargarine law is a good one, and cannot see why there should be an effort to change it."

Representative Joseph Taggart writes: "I will oppose the Lever bill. The Haugen bill will not be reported by the committee. There was no serious complaint of the law as it is now, so far as I know, and I would rather stand my ground on making no change than vote at present to reduce the tax of 10 cents a pound on imitation butter." This is from a letter written by Representative Taggart to George White, Mound City, Kan.

KANSAS SOIL MAPS.

One of the most important works of public interest that has ever been accomplished in Kansas is that which is now producing soil maps of Kansas counties.

The work of surveying and of producing these immensely important soil maps is under the direction of Prof. W. M. Jardine, head of the Department of Agronomy of the Kansas Agricultural College. Maps of Reno and Shawnee counties are now completed and will be published shortly by the United States Department of Agriculture.

On the map of Shawnee County, which was exhibited by Professor Jardine to the Shawnee Alfalfa Club at its last meeting, there is shown every farm and the location of every farm residence; every stream and every kind of soil in the county. Each kind of soil differs from all others in plant food content, hence each is suited to some particular crop better than to others.

To illustrate: In the Kansas River valley, on the south side and to the east of Topeka, is a locality in which the soil is suited to but little other than the growing of potatoes or sorghum, while the whole of this valley on the north side of the river is particularly adapted to alfalfa and constitutes practically all of the alfalfa land of the county.

South of the Kansas River the soil is not well adapted to alfalfa, and but little is grown in this valley. Near Mission Creek was found a stretch of very rich land which is not well suited to alfalfa because the soil is acid, and this crop will not grow in an acid soil. Acidity is produced in the soil by decaying vegetation and indicates a supply of humus and rich quality. The acidity will, however, prevent the proper growth of certain crops, and needs time to correct it. Lime may be applied in the form of quicklime, slaked lime or ground limestone. The first two produce quicker results, but are not so lasting as the ground limestone.

With such a map before him the farmer knows at once the kind of soil, or soils, he has on his farm and can know the kind of treatment to give each. The making of these soil maps is by far the most important agricultural work in the history of Kansas.

Everywhere is heard the statement that it cost money to winter stock during the cold months just passed. This is true, and it is hard to see where any profit could have been made in many localities and under unusual conditions. However, there may be several ways of figuring on profits, and the lack of them. Generally, the price which corn and alfalfa will bring on the market is compared with the price received for the live stock, and the conclusions reached. Feedstuffs are almost exactly the same in price that they were one year ago, so that conditions in that respect are not changed, and it is a well demonstrated fact that the live stock farmer always wins against the grain farmer. Selling crops from the land is robbing not only yourself, but your children. Farming with live stock is enriching both.

THE CATTLE SHORTAGE.

Just what this country is going to do for beef cattle is a question. Kansas, Colorado and Oklahoma cattlemen have been searching in Arkansas and the south for stockers. Chicago is not shipping cattle east as usual and Kansas City has been shipping cattle west in a most unusual way. Cattlemen say there is no visible supply of young cattle in all the territory from which they usually come, and values promise such an increase that they may be prohibitive by grass time.

It takes time to stock up on cattle, and when there is a widespread shortage like that which now covers the whole country, it means higher prices for beef and a greater consumption of pork and mutton as a consequence. If these things mean anything, they mean that the man who has breeding cattle and breeding hogs is due to reap a harvest in the very near future. They also mean that there has not been so good an opportunity to get into the cattle or hog business in a great many years as there is right now.

Of course, feed is high and it hurts to have to pay such prices, but with pure-bred animals at present prices and the cost of their feed added, they must prove cheaper than they seem bound to be in a few months from now. The present situation has been brought about by abnormal weather conditions and seems to offer a special opportunity to get into the live stock business on the ground floor.

We must have live stock on our farms for the good of the farms and of the men who run them, and we must quit grain farming without live stock or rotation. Hundred dollar land cannot be depended upon to pay increased taxes, the interest on the investment and bring a profit year after year without live stock, and it cannot pay profits with scrub stock.

With the aid of the silo, western Kansas can be made the nursery of the cattle business again, as it once was, but in a different way, and it should be. Nature designed that country for live stock.

There are two big sales of dairy cattle advertised in this issue of KANSAS FARMER, and this fact is significant of the progress that has been made by this state towards better methods. Only a few years ago such sales would have been impossible, because there would have been no market for this class of cattle. Farmers have always placed a high value upon their horses and their hogs, but not upon their cattle. Those who attend farm sales would be willing to pay from \$25 to \$50 for good milk cows, but are appalled at the prices received at public sales of pure-bred animals. Yet a pure-bred registered dairy cow of good lineage would be a better investment at \$200 than would the common cow at \$25. The average cow produces about 100 pounds of butter per year, and her calf is good for nothing but beef. She "eats her head off" every year she is kept. She is a robber who takes your good feed and care and shelter and does not come near paying for it. With a cow that will produce 400 pounds of butter a year, the price would be perhaps \$350, and yet she would pay a profit on her milk alone, while her calves would find ready sale at from \$100 to \$150, according to sex and age. Such a cow not only pays from the start, and pays well, but she keeps it up year after year. She is cheap at the price.

Seed corn tests made with hundreds of samples from all parts of the state by the Experiment Station show an average of 70 to 75 per cent. This is very low, and indicates the great risk that will be assumed by the farmers who plant without testing their seed. There is no use hunting good seed elsewhere, as the conditions of last summer were general. The only thing to do is to test the seed and know what you are doing.

Breeding Draft Horses In America



PURE-BRED DRAFT COLTS SELL A YEAR YOUNGER AND AT LARGER PRICES THAN GRADES.

A careful, conservative, but successful business man, who is accustomed to other lines of business than agriculture, but who has recently undertaken the development of farm lands which he owns, asked some questions which went to the very heart of the problem of draft horse breeding in America. In substance they were as follows:

Is there a demand for draft horses which is broad enough, stable enough and which will afford sufficiently remunerative prices to warrant an investment in breeding stock for draft horse production?

What kind of draft horses are demanded?

Is the demand well supplied at present, or does it materially exceed the supply?

If the demand does materially exceed the supply, why is it that farmers have not produced more animals to fill this demand?

What is the relative cost of maintenance, efficiency in work, and selling prices of the colts of mares weighing 1,200, 1,450 and 1,700 pounds, respectively?

What advantages, if any, have pure-bred draft horses over good grade draft animals?

Should I invest in pure-bred draft horses, or simply in good grades?

I need a clear and reliable answer to these questions before I can intelligently determine whether I should invest in draft horses or in some other class of work animals.

Such a broadside of questions in substance requires the draft horse industry to show cause for its existence, but the position of this business man is that of many others, who have the same questions in mind.

That there is a demand for draft horses which is broad, stable and which affords good prices, is abundantly shown by the fact that, although there has been a steadily increasing production of this class of animals for the past fifteen years, prices on heavy draft horses have steadily advanced, and have been higher during the year just past than at any time in the past twenty years.

That the demand is broad is proved also by the fact that good draft horses have never lacked for buyers at any time of the year for the past ten years. The stability of the demand is best indicated by present favorable market conditions and by the fact that the users of draft horses are steadily on the increase, both in the city and on the farm, where there is a marked increase in the use of draft animals for agricultural purposes. Modern methods of tillage and the rapid awakening of farmers to the necessity of thorough tillage will afford a steadily growing market which, in the judgment of many of the best men engaged in the horse business, will not be supplied for fifty years to come, if, indeed, it is well supplied at the end of that time.

That the prices are remunerative cannot be questioned. The average price of good grade draft geldings has ranged from \$250 to \$285 per head on sound, full aged horses that are at all satisfactory in conformation, and which have weight enough to go over 1,700 pounds.

Great Opportunity for Farmers in Breeding the Most Profitable Kind of Live Stock

By WAYNE DINSMORE, Sec'y. Percheron Society of America

In fact, horses of this character, in good flesh, have been bringing from \$650 to \$700 per pair throughout the last year, and buyers for this sort have never been lacking. Grade draft mares in foal, sound, of good conformation, and with good feet and legs, have brought from \$250 to \$325 each, at farm sales for farm work, and as the expense of rearing good draft animals to 3 years of age does not exceed \$150, where the dams are used for farm work, it is at once apparent that there is a very satisfactory profit in their production, and the prices must be considered quite remunerative.

Keeping mares purely for breeding purposes, however, is not so profitable, for the expense of keeping the mare must also be considered, and this is at least \$60 per year, increasing the cost of rearing a colt to 3 years of age to approximately \$200 and reducing the probable profit to a relatively small margin. The farmer who uses his mares enough to pay for their keep and who always has plenty of work for mares that fail to get in foal, is the man best situated for the rearing of draft horses.

First-class horses are scarce, so scarce that on the largest market in America (Chicago) they do not exceed 5 per cent of all those offered. The same general conditions are repeated when we turn to the farm markets. If we take the United States, as a whole, it is safe to say that not more than 30 per cent of all the horses in the United States will weigh, in ordinary working condition, 1,550 pounds or over at maturity, and, in fact, it is very doubtful whether the proportion is even that high.

If the demand does materially exceed the supply, why is it that farmers have not produced more animals to fill this demand? One reason is that we have not, at any time in the past, nor at the present time, had a sufficient supply of first-class breeding stock to permit of rapid, systematic improvement in our grade horses, which are, for the United States, as a whole, rather small animals, probably not averaging much over 1,100 or 1,200 pounds. A second reason is that a great many men are not good judges of horses, and, accordingly, failed in their efforts. Their aim was in the right direction, but on account of faulty judgment, resulting in the purchase or use of inferior breeding stock, they have not produced the kind of horses the market wants. A third reason is that which lies back of all failures to produce a first-class product, viz., neglect, or unwillingness to put forth the necessary effort required in producing an article of A-1 standard. These reasons, combined, are responsible in large part for the failure of our American farmers to supply this demand for draft animals.

The selling prices of the produce, assuming sire to be the same in all classes, viz., a sound, well built Percheron sire,

weighing from 1,900 to 1,950 pounds, in ordinary breeding condition, will vary greatly. From the 1,200-pound mare, with ordinary methods of development, horses weighing around 1,500 pounds can be looked for. These come into competition on the market with the glut of underweight stuff, are not heavy enough for either farm or city trade, and will do well to average from \$140 to \$175 at 5 years of age. The colts from the 1,450-pound mares will weigh 1,650 to 1,700 pounds at maturity. On account of their smaller size they are not marketable until approximately 5 years old, and even then come into competition with a commoner class of draft horses for city purposes. For city purposes the geldings will probably bring \$200 to \$240. The mares sold for farm use may bring more than this. The colts from the heavier mares should, if given proper development, weigh from 1,850 to 2,000 pounds. These will classify in the best class of draft horses, will readily sell at 3½ years of age to either farm buyers or to men who are buying for ultimate sale in the cities, and will bring at this age from \$250 up, depending on the excellence of the individual. If carried on until they are 4½, coming 5, the geldings finished for market, and the mares in foal, from \$325 to \$375 can be reckoned on for the geldings, and at least \$300 for the mares, the latter to be disposed of to the farm trade. In other words, the heavy mares kept on farms where they are in use for a sufficient period of time throughout the year to pay for their maintenance cost in work, are decidedly more efficient in the farm operations, and produce colts that can be advantageously marketed at least one year before the colts from the smaller mares can be. The colts from these mares will bring more, even when a year younger, than the colts from the smaller mare, and if carried on until the same age, will sell for double the money that the colts from the 1,200-pound mares can be relied upon to bring, and for at least one-fourth to one-third more than the colts from the 1,450-pound mares will average. To summarize the matter, therefore, from a business standpoint, the heavier mares of the same quality and equally good in conformation, are decidedly more profitable.

The advantages which pure-bred horses have over grades of equal merit is chiefly in selling prices. High-grade drafters of equal weight and conformation will do the work equally as well as the pure-breds, and cost substantially the same for maintenance, but the grade draft colt must be carried along until he is 3½ or 4½ years old before he can be advantageously marketed. At this age, if he is a good one, from \$250 to \$300 will be realized, and possibly more if the animal is in high condition. Pure-bred draft colts of first-class stamp, however, can be

marketed at 2 to 2½ years of age. Well bred Percheron colts 2½ years old will weigh, if properly developed, from 1,600 to 1,900 pounds, and it is safe to reckon on \$400 as the minimum selling price, if they have been mannered and put in fit condition to go out on the stud. If satisfactory feed and pasture conditions are provided near the barns so that the feeding can be done without much extra labor cost, the expense of bringing the pure-bred stallions to 2½ years of age will be little, if any, greater than the cost of bringing the grade gelding to 3½ or 4½ years, while the price realized is at least \$100 greater. If the breeder is at all successful as a salesman, the price may average \$200 more than could be secured for the grade geldings. The advantage accruing from the production of a higher class market product is, therefore, the chief advantage which the production of pure-bred draft horses has over the production of good grade drafters.

Whether a man should invest in pure-bred draft horses or simply in good grade draft animals, depends on the man and his conditions. Men who are familiar with farm work, and who have already shown their success in breeding and rearing the ordinary grade horses they have used in their farm operations, can invest advantageously in a few pure-bred mares. The likelihood of success in the venture is materially greater in those cases where the man interested has already been successful in grading up his stock until they are good sized, well built, grade draft animals, for the study and care necessary in developing grade draft animals of good size and character is the best possible schooling for later work along the same lines with pure-bred drafters. To such men every possible encouragement should be given, for America is very insufficiently supplied with pure-bred draft breeding stock.

I had occasion some time ago to make some careful calculations relative to the number of pure-bred draft animals in this country. As a result of my inquiries I came to the conclusion that there are living only about 65,000 Percherons, 16,000 Clydesdales, 18,000 French Draft, 8,000 Shires, 7,000 Belgians and about 1,000 Suffolks, or a grand total of 115,000 head of pure-bred horses when all draft breeds are considered. This means that there is but one pure-bred draft animal to every 167 horses found on the farms and ranches of the United States, a proportion so slight that it is not surprising that the percentage of good horses coming to market is appallingly low.

We have, for the past ten years, spent more than 1 million dollars annually in Europe in the purchase of pure-bred horses for breeding stock. Our importations are still extremely large, as is shown by the following statement:

Horses imported for breeding purposes from January 1, 1911, to September 30, 1911, inclusive, reported by the Department of Agriculture:

	Stallions.	Mares.	Total.
Percherons	921	396	1317
Belgians	328	228	556
Shire	108	63	171
Clydesdale	48	45	93
Suffolk	13	24	37

A total of 2,174 pure-bred draft horses.
(Continued on page eighteen)

Something For Every Farm

Overflow of Timely Items From Other Departments, Every Line Worth While

T. H. M., Rantoul, Kan., wants to know if it will pay to silo sorghum bagasse—the stalks of sorghum after the juice has been removed for molasses. The editor has no experience with the siloing of this product. We know of a farmer who last year, on account of feed shortage, placed sorghum bagasse in his silo. We have written for his experience and will publish his letter when received. We doubt the advisability of occupying valuable space in a silo with sorghum bagasse if other crops are available for filling. It is certain that after practically all the juice is removed from the sorghum stalks there is little food value remaining, and at best the silage would be poor.

Kansas Farmer Helps Him.

Stewart Campbell, Wellington, Kan., writes: "There were a good many silos built here last year, and now the silo owners are the only men who are not worrying seriously over the feed supply as the winter is prolonged. At all our farmers' institutes the silo is the chief topic, as it is wherever three farmers meet. Dairying has certainly a big development just ahead in this country."

"May I say in passing that I appreciate your work in KANSAS FARMER, and especially your campaign for better dairy cows. I have just bought a high-grade Holstein bull, the only one in the immediate neighborhood. I have farmed only two years, and began on a farm that had not even a hitching post when I came to it. Be assured I find your writings of help in the problems that come to me in getting the place started."

Light for the Farm Home.

It is the ambition of every farmer to have a gasoline engine to pump his water and cut his feed. But gasoline has even greater use than that on the farm. It can be used to operate a lighting system that is as good as is found in big cities—and cheaper. The result of gasoline lighting is a brilliant, powerful, steady white light, when a proper device is installed to make the gas—for this is real gas lighting.

A good gas machine consists of three parts—a carburetter or storage tank, an air pump, and a mixer. The carburetter—which varies in capacity according to the number of lights used—is a metallic tank sunk at some distance from the house, and below the frost line. The air pump forces into this carburetter a steady yet very gentle stream of air, which passes slowly over the surface of the gasoline, becomes saturated with the gasoline vapor or gas, rises again to the mixer where it is automatically mixed with just the right proportion of air to give the strongest possible light, and finally passes into all the "risers" and smaller pipes, which convey it to the burners all over the house.

A well made gas machine is a permanent investment. Machines installed as much as thirty years ago are still giving excellent service. They are safe, which cannot be said of all lighting devices. Nothing but malice could ever make one dangerous. Neither are they wasteful, but when the lights are not burning they automatically cease work. This machine is constructed to secure the measure of safety prescribed by the National Board of Fire Underwriters.

No doubt still greater uses will be found for gasoline on the farm within the next few years. And the gas machine already points out many of these, for it has a wide variety of uses, besides creating light. It can be utilized to operate a pump, to cook, even to heat, when the proper installations are made.

Greenwood County Farm Queries.

Answering our subscriber, J. C. C., Madison, Kan.: Commercial fertilizer will build up your land. You should produce all the manure possible on the farm, and get that manure back onto the field. Live stock farming, and especially dairying, will accomplish the building up of the soil most rapidly and permanently, and return to you a revenue while restoring soil fertility. The effect of the use of commercial fertilizer is lost after a few years unless you continue to fertilize. It would be well, as a beginning, to use some fertilizer and start the farm on the up grade pending your stocking the farm with cows and other cattle.

The feed you will grow for live stock will have the effect of improving the soil. The use of legumes does this. The growing of alfalfa, clover and cowpeas and rape for feed will start your soil in

the right direction. The latter two do well on thin soil, and each can be plowed under. We cannot believe, without further information, that your land is so poor forage crops will not grow thereon. Kafir will provide you with the grain needed. Alfalfa will grow on your soil if gumbo, hardpan or stone do not lie too near the surface. These methods, with a crop rotation, will build up your farm. We do not believe, from your statement, that the lack of fertility in the soil is due to your failure to get a stand of alfalfa or clover. Think you can lay the blame to season and possibly to your preparation of seed bed. Rape is one of the best green manuring crops. Sow just after harvest and pasture until frost and plow under—or plow under the crop without pasturing.

Cowpeas can be plowed under for green manuring or can be cut with a mower for hay and cured as you would cure any hay crop. The cowpea is most valuable as a hay. Many acres were grown as a catch crop in Kansas last fall, with good results.

It is difficult to eradicate the morning glory. Do your best to keep the plant from seeding. The morning glory is a perennial plant—that is, has a natural existence of more than two years. The stems and roots of such plants live from year to year and grow flower stalks. If

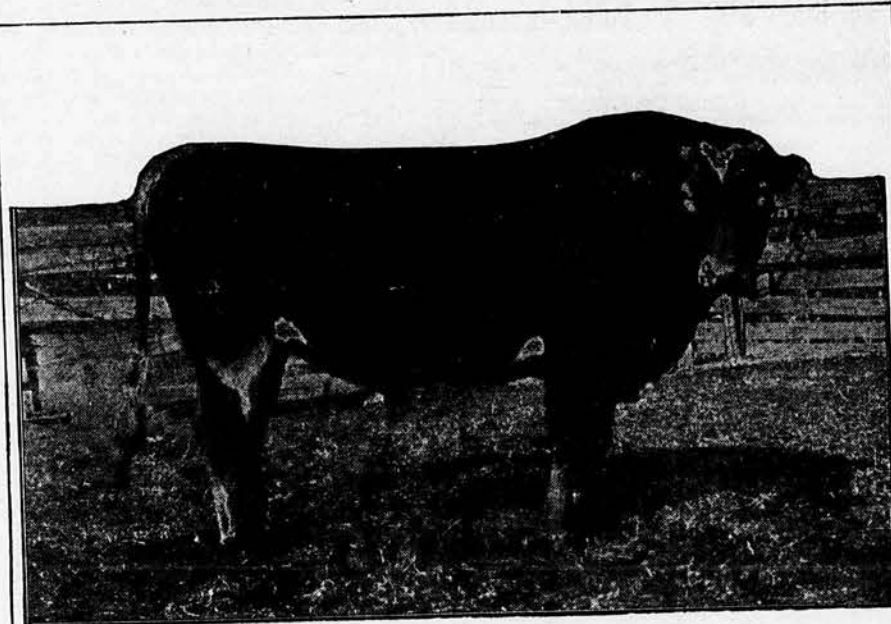
was born she was sold and her first calf took her place. Two years later the second calf began producing milk, and since then two cows have been kept. On the eighth anniversary of the experiment the savings bank account was balanced and there was \$937 to the credit of the cow fund.

No account was kept of the feed bought for the original cow nor for the two of her produce succeeding her, as it is estimated that the milk used by the family more than balanced the feed bill.

Early Spring Pasture.

In many parts of Kansas roughage is scarce this spring. In parts of the state early pastures will be an absolute necessity. Rape pasture or rape and small grains in combination is the answer, says A. H. Leidigh of the agronomy department in the Kansas Agricultural College.

Rape, as grown in Kansas, is one of the best annual forage crops for temporary spring and fall pasture. The leaves are very rank and very succulent and tender. Rape seeds resemble turnip seeds in size, shape and color. Because the seed is small and cheap it is a favorite with many farmers, as 10 to 50 cents will buy enough for an acre. The seed will sprout early, even in cool spring weather. The plants are not injured by



GUERNSEY BULL OF R. C. KRUEGER, BURLINGTON, KANSAS, WHO IS BUILDING A PROFITABLE DAIRY

the morning glory fields can be seeded to pasture this will be the most simple means of eradication. Alfalfa in these fields would be a good exterminator. If the infested fields must be sown to spring crop, plow the ground the depth best suited to soil and crop. Deep plowing avails nothing in destroying the morning glory—its roots grow below the plow. Follow plow with harrow—teeth set straight to pull out the roots and expose the same to the sun. Sow fields to a spring crop which can be harvested before the vines seed, then plow and seed to cowpeas or rape, which will be harvested or pastured and plowed again before vines can seed. Some such campaign as this, if continued, will get the morning glory or any other weed.

Your inquiries are general and are so answered. If you have a specific inquiry, stating all conditions, we will be glad to advise further.

Profitable Town Cow.

The profit to be made by keeping a town cow has been given a practical demonstration by a business man of Newton. Eight years ago he bought a half-breed Jersey for the sake of having a good supply of milk. He and his wife decided to put all money received from neighbors who came to the house for the surplus supply of milk into a tin cup. This was soon full of small change and was carried to a savings bank. Since then the cup has been filled and emptied many times.

After the second calf from this cow

the western part of the state. When row cultivation is planned, this should begin as soon as the rows can be followed and be kept up even after pasturing commences. Planting can be done in rows with a corn planter equipped with special plates or a garden planter may be used.

Where a spring combination for pasture is desired it is possible to use oats or barley and rape. Some growers seed winter rye and rape in the spring and state that no better pasture can be desired. It is advised that enough seed for almost a full stand of the grains should be used, and then two or three pounds of rape per acre be added.

In the western part of the state, where irrigation is impossible, rape or rape with the small grains for pasture offers an opportunity to save much hay and fodder. Sorghum is not a safe pasture crop, and rape and sorghum cannot be desired for pasture. Rape pasture may cause bloating in cattle when pastured while wet. When these crops are covered with frost, care must be exercised to see that animals are not allowed to pasture on them.

Condition of Cattle and Profitable Grazing.

A. D. Tindell, Burlingame, Kan., writes: "I have 43 head of steers averaging 980 pounds. At present I am feeding all the silage they will clean up twice a day, with about 70 pounds of Ko-Press cake on it and about three or four bales of alfalfa. I expected to put them on grass, but people tell me they will do no good when you feed silage then turn on grass. The steers have been on this feed since March 15, so will have been on it six weeks when grass time comes."

Here is the reply by G. C. Wheeler, specialist in animal husbandry of Kansas Agricultural College: "It is generally recognized that cattle to graze well must be relatively thin. Experiments conducted at the Missouri Station to test different methods of wintering yearling cattle conclusively demonstrate that there is a definite relation between the rate of gain during the wintering season and that made on pasture the following summer. They found that the more fat the animal carried to pasture, the smaller the gains made during the grazing season. It is evident that cattle should be wintered lightly, or in other words, carry very little fat when put on pasture."

"Gains made from light feeding are relatively more costly, per pound than gains made from heavier feeding. This is offset by the fact that the steer has been enhanced in value by the wintering process, although not for the same reason that the steer has been made more valuable by finishing for market. The steer which has been well wintered has just passed the relatively expensive part of the year and is right up to the possibilities of the cheaper gains of the pasture period. These small and relatively expensive winter gains are justified upon the average farm because it furnishes a market for the large quantities of coarse, rough forage, which would otherwise go to waste. It will be seen that the purpose to which the steers are to be put the following season has quite an important bearing upon the method of wintering. If too much grain is fed and the cattle accumulate a considerable amount of fat, the cheap grass which may be available for the summer gains will not be used to such advantage as where the winter gains have been less. On the other hand it is not good policy to winter steers, especially young growing cattle, so poorly that they fail to make any growth at all during the winter season and go on the grass in a weakened, emaciated condition."

"It is probable that by feeding steers heavily all winter long on corn silage, rich in grain, they would become too fat for profitable grazing. In the case of the steers which you have mentioned, there is not much chance that they will accumulate much fat during this six weeks' feeding, unless the silage is especially rich in corn. That is probably not the case, since last year corn produced relatively small amounts of grain."

"You will note from the facts given that the mere feeding of silage does not make cattle graze poorly. It depends upon the accumulation of too large an amount of fat during the rather expensive feeding portion of the year, so that the cattle do not have capacity for large gains in grazing."

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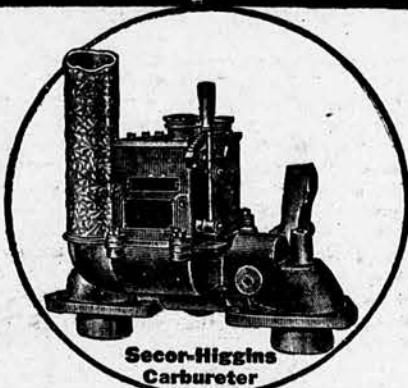


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THE FARM



The seed bed for alfalfa should be in the best possible condition before seeding. If it cannot be gotten into that condition, it will usually pay to delay seeding until the required tilth of soil and freedom from weeds, grasses, etc., are secured. It rarely is worth while to endeavor to thicken a stand of alfalfa. This seems quite difficult in Kansas and usually the work and seed in such efforts is thrown away. We have seen fields in which a thin stand was secured, re-seeded and a good stand obtained. These results come, however, by re-seeding newly seeded fields—not more than a year old. For example, a field seeded last spring would be in condition to re-seed this spring. Disc the field, broadcast the seed and cover with spiked-tooth harrow. If stand is thin in spots only, give the bare spots this treatment. It is not advisable or practicable to attempt to thicken up a stand of old alfalfa, since the younger plants cannot successfully compete with the old, well established plants.

It pays to cultivate alfalfa just as it pays to cultivate any other crop, and, after the first season's growth, cultivation should be given every spring. The first cultivation might better be done with a spike-toothed harrow, but as the surface becomes harder and the plants better established, a disk should be run over the ground to loosen the surface deeper and split the crowns. The presence of fresh air in the soil is necessary in order to insure the best development of alfalfa. The roots must breathe, and they require oxygen the same as those of other plants, and the alfalfa bacteria in the tubercles of the roots must have free nitrogen in order to perform their function of form-nitrates which are a food to the plant as well as fertility to the soil. Cultivation encourages all this by loosening the surface soil, permitting aeration, forming a soil mulch to conserve the moisture, killing weeds and grass and last but not least, it destroys the eggs and larvae of many injurious insects, as grasshoppers, cut-worms, and webworms.

For months KANSAS FARMER has been urging a careful selection of seed for this spring's planting. Seed that will grow is the first requirement of good seed, of course. You want a stand in every field planted. Clean seed—that free from weeds, etc.—is a second requisite. The additional requirement, and one which should always enter into the selection of seed of any kind, is that it be pure seed of the variety you buy, obtaining always those varieties which are best adapted to your soil and climate. It pays to grow pure varieties of corn, Kafir, wheat or oats, to the same extent that it does pure-bred or high grade live stock. The pure varieties yield heavier than mixed varieties, and usually if the crop is sold for milling purposes it will bring a few cents more per bushel. But if the crop grown is pure and free from mixture it can usually be sold for seed at prices considerably in advance of the milling or feeding value. At a corn meeting recently no less than a half dozen growers told the editor that at the elevator their corn had for years sold in advance of market prices. Every cent of the advanced price was a pick-up—just like finding money. These men were able to do this because of the uniform good quality of the corn due to pure seed kept pure. For years many farmers have been selling their entire crop of wheat for seed at prices double the milling price. These farmers have obtained pure-bred seed wheat and kept it so. The demand for good seed by every farmer who sees a crop of such grain growing is in itself sufficient recommendation for the use of such seed. There is not enough pure seed, of the varieties of field crops adapted to Kansas, grown to supply the demand for the state. We have never known of a case in which the entire crop of good seed could not be sold as seed. Very often it is possible to dispose of the entire crop to seedsmen. It is not KANSAS FARMER's purpose to set every farmer up in the seed business. The growing of seed is incidental to the advantages otherwise ac-

ruing from the growing of pure varieties of our principal field crops.

During the past few years the Kansas Experiment Station has been distributing considerable quantities of seed wheat. The limited acreage of the station farm has prevented the growing of wheat sufficient to supply the demand. The station accordingly advised with the farmer who obtained its seed, instructing him in methods of seeding, harvesting, etc., and particularly with reference to preventing the seed becoming mixed, and by this co-operation large quantities of good seed have been produced. From these farmers hundreds of others have obtained their seed and within a few years it will be possible for every Kansas farmer to have the best seed of the varieties of wheat best adapted to his conditions. To keep the growth and distribution of the best seed going the experiment station authorities will again this year inspect fields. Last year 150 fields were inspected before harvest, and a list giving the names of about 200 farmers offering seed wheat for sale was supplied to those desiring it. About one-third of the growers on the list reported their seed wheat sales. From the crop of 1910 more than 35,000 bushels were reported sold direct by these farmers. The sale of about 32,000 bushels has been reported from the 1911 crop. Practically all of the wheat brought a premium over regular market grades. And the farmer who gets good, pure seed, and takes care of it, deserves a premium. If you are growing a pure variety of wheat and desire to have it listed for inspection, send in your request. The fields will be inspected between the time of heading and harvesting. In making requests farmers should send in answers to the following questions to L. A. Fitz, Manhattan, Kan.:

1. Name of variety.
2. When and where did you obtain seed of this variety?
3. How long have you grown it?
4. What has been the average yield per acre from it?
5. How does this yield compare with that from your other wheat?
6. How many acres of this variety will you harvest this season?
7. What yield do you expect?
8. What means have you used to keep it pure in growing and threshing?
9. Location of farm. Give county, with distance from nearest town or post office. (Example: 5 miles north and 4 miles east of Wichita.)
10. Give any additional information which you think would be helpful in the work.

There is a tremendous demand, as shown by the inquiries addressed to KANSAS FARMER, for cowpeas, Kafir, corn, sorghum, millet, rape, etc. This demand is no doubt augmented by the short crops of last year, but with almost every inquiry there is the demand that the seed of the variety called for be pure. In the case of Kafir and sorghum it is asked how the seed has been taken care of—whether dried thoroughly in the head before threshing and whether or not it has been heated. In some instances the inquiries have asked if the Kafir and sorghum could not be shipped in the head, the idea of the inquirer being to note whether or not the seed bought was of the variety represented, also to determine whether or not it was mixed, and as insurance against heating and consequent low germination. Almost every inquiry for seed corn has designated that the corn be shipped in the ear. The tone of inquiries in general show the demand for pure seed of high germination. For months KANSAS FARMER has been pounding on this good seed question. It is an important matter. Our correspondence and our talks with farmers indicate conclusively that the demand for good seed was never in Kansas so great as now, and that it will not be possible to fool our farmers on matters pertaining to good seeds.

Last week's KANSAS FARMER urged upon our readers the conservation of the abundant moisture now in the soil. This moisture is worth saving. It is the most valuable moisture we will this year have

Mr. Farmer!

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April 13, 1912.

available for this year's crops. The moisture now in the soil is saturated with plant food. Later rains will not supply the growing plant with food as will the moisture now existing in the soil. Just so soon as the ground is fit to work, start the disc and get a layer of fine soil on the surface, which soil will prevent the evaporation of the water from below. It will pay to so treat the corn field even if it delays planting three or four days. All Kansas can safely employ this method. By disking fields will not blow as in the case of fall plowing—a practice prevalent in many states. This year the disk, as it should be every year if properly used, will prove a valuable farm implement. By some means or other cultivate as soon as possible the surface of all fields and prevent evaporation. This same cultivation will enable the soil to take up the spring rains and make additional moisture available for the growing plant.

The growing season this year will be several weeks shorter than usual, but the chances are greatly in favor of its being long enough. The custom is to get the seed in the ground as soon as the planters will operate and danger of frost is past. This practice is good provided warm weather and growing temperatures are not delayed. It does not hasten the growing of any crop to plant the seed in cold soil and have it lying in wait a week or ten days for growing temperatures. As a rule we could each year with equal or better results delay planting a few days in order to disk the surface of the corn field. Ten years ago the editor made his first visit to Brown and Nemaha counties, Kansas. We left corn planting nearly all done in Dickinson County. In these northeastern counties farmers were disking the fields—disking and cross-disking and disking again. The fields did not contain a normal amount of moisture, but farmers were striving to save every drop possible of it—and were waiting for the ground to get warm before planting. These are corn-growing counties, too.

Sun Ruins Grindstones.

Sun is a fine thing for hogs and chickens; but it isn't good for grindstones. Its rays harden the part of the stone on which they shine and thus make the stone wear unevenly. If the grindstone is not under a shed, or if the sun strikes it, make a box cap for it—20 minutes' work. Few things are more satisfactory than a good-cutting, even-faced grindstone. Used freely, it is a great labor-saver, for dull tools make hard work. If the stone gets grooved, hold the hoes or the spade upon it. This will soon bring the face level again—and it won't hurt the hoes or the spade a bit to give them keen edges.

Delayed Small Farm Idea.

I may be too late in getting into this game of telling the young man what to do who has \$2,500 but as what I have to say will be entirely different from what anyone else has said, and at the same time be true, thought maybe you would print it.

In the first place, he is a good deal wealthier to start with than the average Kansas farmer, so need not be afraid of being looked down on. He should buy his land right. Don't pay \$100, nor \$75, nor \$50 an acre. He does not have to buy such land, because \$25 an acre will buy good land in Kansas. Some perhaps a little rough, but all good pasture or plow land. Be sure and buy where hog cholera has never been known and where the water is good.

As for needing a large body of land, I will tell you the truth. Hundreds and hundreds of large farms are being run at a loss in Kansas, if it were not for the ten acres the house stands on. What I mean is this: The eggs, chickens, vegetables, fruit, etc., show a profit, while everything else shows a loss if books were kept on it. For instance, you can buy corn cheaper than you can raise it, and you will find this true all along the line.

I will tell you another way that is a sure winner. If a young man has a few hundred dollars and has a salary, hunt up a cheap piece of land and make a payment on it, then rent the land and turn all his spare money into the place. He will be surprised how soon a place will pay itself out this way. I know, for I have seen it tried many times. Don't buy a farm of a man who does not want to sell.

I cannot see what the object is in creating a feeling in buyers' minds that land is high in eastern Kansas, and cause people to go to some desert or swamp and pay more for land than it could be bought for right in God's country.—J. G. MITCHELL, Lafontaine, Kan.

Maxwell "Mascotte"

\$980



\$980 f.o.b. Factory
(top extra)

**I want every farmer and his family
to ride in the Maxwell
"Mascotte" at my expense**

I want you to take a pleasant little holiday. I don't mean that I want you to ride up and down Main Street a few times. Some pleasant afternoon, maybe, I'd like you to get the family together and go out and visit some of the folks—just as you are accustomed to doing—only this time go in a Maxwell "Mascotte", which I will arrange to place at your disposal.

I am inviting you to do this because I want you to know the exceptional qualities and wonderful value of the Maxwell "Mascotte". I want you to test it in the same way you will use it if you buy one, on the same roads—good or bad as they may be—the same hills—the same levels.

I know the "Mascotte" is the best all-around car for undeveloped highways, hills, mud and sandy roads and rocky byways. But I want you to know it. I know a ride—an actual road experience—will prove the many merits of this car to you and your family in the most practical way.

For reliability the Maxwell "Mascotte" is unequaled. Remember, the Maxwell won this year's Glidden Tour, the hardest test of efficiency on record. It had the best team score in last year's Glidden Tour also; it holds the world's non-stop record for traveling ten thousand miles over country roads without stopping the motor. The Maxwell has won more endurance contests than any other car in the world.

For durability the Maxwell stands supreme. Official figures prove no other car will last as long. Over 91 per cent. of the Maxwells sold in New York State during 1905-1906, are registered again this year, proving seven years of continuous service. The Maxwell will give you years of absolutely reliable service at the lowest cost of maintenance.

I want to prove to you that the Maxwell "Mascotte" is the first real high-grade family touring car ever sold for less than \$1000. No other car within \$200 above its price compares with it. It has been close figuring to build such a large, powerful and stylish car as the Maxwell "Mascotte" and sell it for only \$980. No other company, lacking our wonderful manufacturing facilities, can afford to do it.

Don't fail to take advantage of my offer. I want the opportunity of entertaining you and your family in the Maxwell "Mascotte". Remember, it will not cost you a penny and involves no obligation whatsoever.

All you need do is fill out the attached coupon and send it to me personally. I will instruct our local representative to make arrangements with you for your trip. Write me today.

J. D. Maxwell



United States Motor Company
Maxwell Division
25 West 61st Street, New York

Mr. J. D. Maxwell,
25 West 61st Street, N. Y.

Dear Sir:

I will be glad to accept your invitation to take a ride with my family in the Maxwell "Mascotte".

Kindly arrange to place a car at my disposal. It is understood that no expense or obligation on my part is involved.

Yours very truly,

Name

Address

Town

State

K. F. 4-13-12

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Caustic Balsam****Has Imitators But No Competitors.**

A Safe, Speedy and Positive Cure for Curb, Splint, Sweeney, Capped Hock, Strained Tendons, Founder, Wind, Puffs, and all lameness from Spavin, Ringbone and other bony tumors. Cures all skin diseases or Parasites, Thrush, Diphtheria. Removes all Bunches from Horses or Cattle.

As a Human Remedy for Rheumatism, Sprains, Sore Throat, etc., it is invaluable. Every bottle of Caustic Balsam sold is Warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars, testimonials, etc. Address

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WASTE WHAT? Money enough to pay your thresh bill. How? By employing the ordinary, indifferent thresher to do your threshing.

Get the **RED RIVER SPECIAL** because it **Beats the Grain Out**. All others depend upon the grain dropping out while the straw is being rapidly drawn through the machine.

The **RED RIVER SPECIAL** beats it out just as you would do by hand with a pitchfork.

There is no other way to get it all. The **RED RIVER SPECIAL** is the only thresher built which **beats it out**. Too many machines put too much of your grain in the straw pile. You can save it and use it to pay your thresh bill.

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ELEVATOR AND GRAIN TANKS. RESERVOIR AND WATER TANKS. LARGE WELLS AND CISTERNS.
Diameter TEN FEET and up. Write for estimate, giving size. Address F. E. VANSANT, Gen'l Contractor, 519 West St., Topeka, Kan. Phone, Ind. 1758 White.

LIVE STOCK**Hogs in Anderson County.**

I am sure the pure-bred hog business in my county will get no better until there is some prospect of feed, as feed is scarce and high, and so are hogs.

As to the pig crop: There is not a half crop of young pigs, and some farmers have lost them all from lack of sunshine and proper farrowing houses. Too much damp, cold weather.

I know of nothing which will help the pure-bred live stock business more than for KANSAS FARMER to keep right on in the same path. I think KANSAS FARMER is doing its share, if not a little more.—G. M. HULL, Breeder of Poland Chinas, Garnett, Kan.

Pure-bred Hogs in Kansas.

I, of course, do not claim to be a prophet on future prices of pork, but still at the same time most men have an opinion of the future in their business.

Have been in the hog business ever since I knew what a "porker" really was, and am safe in saying I never saw hogs so scarce. In this country farmers have sold everything, fat and poor, large and small, that they could get the shippers to take. This includes their brood sows along with the rest. They have done this in nearly all the hog country where the corn crop failed. Not only this, but the cholera has cleared up a world of hogs the past year. So, taking all in all, it looks to me as though we would see high-priced pork soon.

I think KANSAS FARMER is a good farm paper. Keep preaching co-operation to the Kansas farmer.—J. LEE DUNN, Breeder of Duroc Jerseys, Russell, Kan.

Hogs in Kansas.

I don't think there is anywhere near as many marketable hogs in this community as usual at this time of year. Owing to the dry weather last summer and high price of feed, a great many brood sows and young hogs were sold last fall and early winter, but I believe if we get a crop of corn throughout the corn and hog belt that the demand for hogs, and especially pure-bred hogs, will be above the supply. Most of the farmers through here bred for early farrow and, owing to snow and bad weather, generally are raising very few pigs. Have talked to several farmers and they are all having the same luck. One had 10 or 12 sows to farrow, and lost all the pigs. Another had five sows to farrow and had only two pigs. Another, out of 40 pigs farrowed, had 12 saved, and all seemed to have about the same luck. As for myself, have had about 80 farrowed, and so far have saved about half of them, but it is a hard proposition without much sunshine and a snow bank or mud hole all around the pens. Have had from two feet of snow on a level to ten feet in drifts, for the last three weeks, but it is going fast now. Hope we will have some good weather from now on.—N. E. COPELAND, Breeder of Poland Chinas, Waterville, Kan.

Hogs in McPherson County.

Relative to the pure-bred swine business in this vicinity, will say that I do not claim to be posted up to the minute, but having been a farmer and handled and raised hogs extensively, I always found it paid best to keep the best stock, and as near pure-bred as possible, and, in addition, to provide the best of shedding, warm and dry, for the hog's protection during the damp and cold winter months. Also to feed different rations of various kinds to some extent through the season when no green grass is to be had, as there is no domestic animal that will respond to good feeding and care quicker than a well-bred hog.

It seems to be the opinion of stockmen here and of farmers whom I meet every day that there is at this time a scarcity of hogs in this part of the state, and that for some time to come we may expect good, strong prices for good hogs, on account of the cholera last fall, which was so widespread all over the United States, and the shipping out of the thousands of shoats with no weight. In this vicinity there is a scarcity of brood sows, consequently there will be a short pig crop this spring.

Nearly all the farmers in this vicinity have well-bred hogs and keep their breeding stock up well all the time to as near pure-bred as possible.—ROY T. GLASS, Canton, McPherson Co., Kan.

Pure-Bred Swine in Kansas.

At the present time there appears to be quite a difference of opinion as to the future of the pure-bred swine industry in Kansas. I was a breeder and shipper of Poland China hogs at Anamosa, Iowa, for over 35 years, and in that time have experienced several ups and downs in the business. The success depends largely on the breeder himself. He must be interested in his work and give it careful attention, and then he must have the sticktoitiveness that will enable him to overcome adverse conditions. The high price of feed for the coming crop has to be considered, as every breeder knows. This spring crop of pigs will have to be grown on this high-priced feed, and the grain crop this fall will only serve for finishing. Then there is the cholera to reckon with. When it gets in its work of devastation in your herd you will wish that you had never seen a hog. I am having reports from my brother breeders all over the west, and nearly all of them say that the pig harvest will be light this spring. My advice to the local breeder is, raise all the good pigs you can; the farmers will need them. With the shipper it is different. His trade is largely among the breeders. He must cull closely and bring his stock to a high standard of excellence, besides the cost of putting them on the market and taking his chances with the cholera. One breeder in another state lost a \$9,000 herd after he had fed them \$1,700 worth of feed. The question of the future of the swine business is about as difficult to answer as who will be our next President.—H. H. CUNNINGHAM, Breeder of Poland Chinas, Eskridge, Kan.

EDITOR'S NOTE.—Mr. Cunningham was the second breeder of big-type Poland Chinas in the United States. Peter Meow of Iowa, whose recent sale averaged \$103, was the first, and is now one of the prominent breeders of the big-type Poland Chinas.

Pure-bred Swine Prospects.

My opinion, based on the experience of past years, would indicate that we cannot look for any very strong demand for breeding stock during the present season.

In the first place it takes about one season for people who have suffered loss from cholera to gain faith in the hog. There always seems to be a tendency to wait and see what the next year will bring forth and whether there will be another outbreak of the disease or a crop of healthy porkers. If the latter, then there is a strong demand for breeding stock.

Another feature is the corn to feed those swine. The 1911 corn crop was of poor quality and that much of it was sold on the market instead of being held and fed on the farms where it was raised, as in former years.

This may be due to the lack of swine to feed the corn to, but we think that farmers had rather sell the corn at the present prices than purchase the stock at present prices and feed the corn on their farms.

Then there is the outlook for the corn crop of 1912, but, as many farmers do not think seriously of that at present, I do not think it has much influence on the swine business at present.

There are other things beside the short supply of hogs, and the situation in the corn market, which might influence our pork market as well as our demand for pure breeding stock. I mention only one that seems most prominent, and that is the demand for pork products. At present there seems to be a lack of business confidence, and this may continue throughout the season. There is a political unrest in the country, and not so many men on the payrolls of our great factories as in some years, and where the wage earners are not earning wages their families cannot eat much meat.

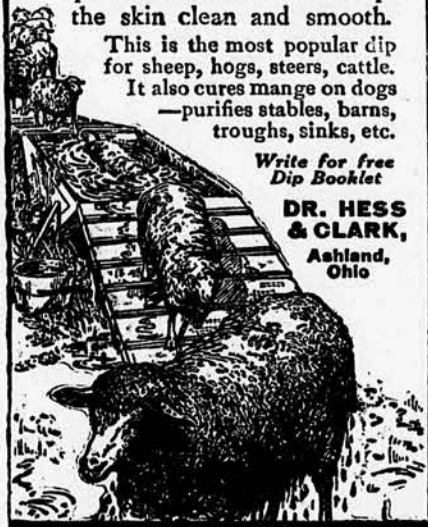
All these things incline me to believe

**DR. HESS DIP
And Disinfectant**

For the prevention and eradication of sheep scab Dr. Hess Dip and Disinfectant is recognized as the most effective. It meets the requirements of the U. S. Government as an official Dip for sheep scab and its strength is always uniform. One gallon Dip makes from 50 to 100 gallons effective solution. It destroys parasites of all kinds and keeps the skin clean and smooth.

This is the most popular dip for sheep, hogs, steers, cattle. It also cures mange on dogs—purifies stables, barns, troughs, sinks, etc.

Write for free Dip Booklet

DR. HESS & CLARK,
Ashland, Ohio**Get More Wool
Get Longer Wool
Get More Money**

for your wool by shearing with a Stewart machine because such wool has a longer fibre. Wool buyers pay more for long staple—and you get the longest by shearing with a

Stewart No. 9 Ball Bearing Shearing Machine

This is, without question, the most perfect hand operated shearing machine ever devised. Has ball bearings in every part where friction or wear occurs. Has a ball bearing shearing head of the latest improved Stewart pattern.

Price of machine, all complete, including 4 combs and 4 cutters of the celebrated Stewart quality is

Only \$11.50

Get one from your dealer, or send \$3.00 and we will ship C. O. D. for balance. Money and transportation charges back if not pleased.

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Write for big new catalogue showing the most complete and modern line of Horse Clipping and Sheep Shearing Machines on earth.

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Special Propositions.

No. 1, for the man who wants a silo. No. 2, for the man who wants a silo and a cutter. No. 3, for a club of 2 silos and a cutter. No. 4, for a club of 3 silos and a cutter. No. 5, for a club of 4 or more silos and a cutter between them.

Pick Out Offer, Write for Particulars. Get the facts about the Champion money-saving proposition before you buy a silo. The best and most tempting silo offer ever made. Just tell me which proposition interests you.

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WHEN you go to church or visiting, travel in comfort and style. You've got your horses. All you need is a Kratzer Surrey—the most roomy and durable made. You'll get back its cost many times in satisfaction and pride.

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will give you years and years of service. You'll never be troubled with breakdowns and repairs. It will stay new-looking a long time. It is made purposely to stand hard travel on Middle West roads. The price that your dealer will make you will be lower than you'd pay elsewhere for a surrey of equal quality. You pay no extras. No jobber profit or transfer charges.

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Amazing "DETROIT" Kerosene Engine shipped on 15 days' FREE Trial, proves kerosene cheapest, safest, most powerful fuel. If satisfied, pay lowest price ever given on reliable farm engine; if not, pay nothing. No waste, no evaporation, no explosion from coal oil.

Gasoline Going Up!

Gasoline is 9c to 15c higher than coal oil. Still going up. Two pints of coal oil do work of three pints gasoline.

Amazing "DETROIT"

—only engine running on coal oil successfully; uses alcohol, gasoline and benzine, too. Starts without cranking. Only three moving parts—no cams—no sprockets—no gears—no valves—the utmost in simplicity, power and strength. Mounted on skids. All sizes, 2 to 20 h. p., in stock ready to ship. Engine tested before crating. Comes all ready to run. Pumps, saws, threshers, churns, separates milk, grinds feed, shells corn, runs home electric lighting plant. Prices (stripped), \$29.50 up. Sent any place on 15 days' Free Trial. Don't buy an engine till you investigate money-saving, power-saving "DETROIT." Thousands in use. Costs only postal to find out. If you are first in your neighborhood to write, you get Special Extra-Low Introductory price. Write (188) Detroit Engine Works, 304 Bellevue Ave., Detroit, Mich.



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

that within the very near future we may look for a very strong demand for pure-bred swine, if not right now.

I note your diagram on page 5 of KANSAS FARMER, issue of March 2, and note that the prices of hogs show a gradual rise between the extremes of high and low prices. I note that we are at present below the average, but are at the turning point. We may look for the next raise to go higher than the last high price, and I think this is a good time to buy.—J. B. DAVIS, Breeder of Duroc Jerseys, Fairview, Kan.

Getting Ready for State Fair.

From a race matinee of the village type to a big state fair is a far cry, but the Kansas State Fair, in a short stride of two years, has spanned the distance, and the Topeka exposition of "all that's best in Kansas" can justly lay claim to having thus soon distanced many of the older regular state fairs. It cannot be said that this was easily done, for those who shaped the course and managed the details of growth of this husky youngster liken its success to the state's motto, "Ad astra per aspera"—to the stars through difficulties.

The 1911 show was an eye-opener even to the optimistic visitor, exhibitor, concessionaire, and the oldest race track habitue. The people of Kansas had to be shown. They are writing to Secretary Cook now that they were convinced, and where hundreds came last year train loads will come every day of the 1912 fair. "You lived up to your advance notices, and we have faith in the Topeka fair," they say. Having kept faith with the patrons, the news has gone abroad, and neighboring states are becoming interested. "Our show this year will be a surprise to those who were with us in 1911," said Secretary Cook to the KANSAS FARMER representative. We have outgrown local importance and the exhibits in nearly all departments will include many states in their scope. There is no halting or dilatory tone, no seeking for inducements to come. They know the inducement is established and are looking forward to the Kansas State Fair at Topeka as one of the big stops in the western itinerary of state fairs. "Out there in Kansas" is the slogan of the big exhibitor. He does not doubt nor hesitate now; he has been convinced.

Secretary H. L. Cook's office force is preparing copy for the premium list, which will be printed early in April. The offerings therein approximate \$40,000, besides scores of special premiums. In the draft horse department alone Superintendent J. H. Lee of Harveyville has personally secured over \$900 worth of silver plate, cups, etc., as special prizes. What Mr. Lee has done is stirring other superintendents to greater endeavors, and the loyalty of this corps of officers is one of the biggest factors in this great educational work.

The amusement features of 1912 will be of the highest class obtainable. No extra inducements have to be held out this year to secure for the Topeka Fair noted attractions, worthy and reputable. They all want contracts, but only the best will be signed up. Then there's the races. Over \$12,000 is hung up for the fast goers in horseflesh.

The offerings in running races are \$1,600.

The personnel of the department superintendents is as follows, and is practically the same force that assisted in making the last big fair a success:

Tickets—Scott Hopkins, Topeka.
Admissions—Clement W. Seeley, Topeka.

Agricultural Hall—William Bradbury, Topeka.

Agriculture—A. T. Daniels, Topeka.
Horticulture—C. V. Holsinger, Manhattan.

Concessions—Charles Younggreen, Jr., Topeka.

Judging Ring—Henry McAfee, Topeka.

Machinery Department—H. H. Pugh, Topeka.

Horse Department—J. H. Lee, Harveyville.

Cattle Department—O. O. Wolf, Ottawa.

Swine Department—J. G. Arbutnot, Cuba, Kan.

Poultry Department—R. F. Palmer, Topeka.

Dairy Department—D. M. Wilson, Lawrence.

Apiary Department—J. P. Lucas, Topeka.

Fish Exhibit—Prof. L. L. Dyche, Pratt.

Art Department—Miss Catherine Lindsey, Topeka.

Textile Department—Mrs. C. H. Samson, Topeka.

Speed Department—R. T. Kreipe, Topeka.



When Buying Paint Consider Climate



Explanation of Map

Symbol	Formula	Humidity	Climate
Triangle	No. 1	80 and over	Damp
Square	No. 2	65 to 75	Medium
Circle	No. 3	50 to 60	Dry
Cross	No. 4	Under 50	Very Dry

WHEN you paint, use Lincoln Climatic Paint with the symbol on the can for the climate you live in. Be sure of this. It will save you much money, trouble and worry. For

Lincoln Climatic Paint

(Completely Machine Mixed and Ground)

is the only paint made on four separate formulas—to fit the four climates or degrees of dampness as indicated on the map above.

Other paints are made the same for all parts of the country—the same formula being used for damp and dry sections alike. That's why a brand of paint that's recommended by some users will work all right in one section but go all to pieces in another.

Dealers were quick to see that Lincoln Climatic Paint especially adapted or "pre-acclimated" to use in their particular section was the only logical paint to handle. Their customers are spreading the glad news broadcast and the demand for Lin-

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Before ordering paint, refer to map above. Note the symbol which designates your locality. The formulas are numbered so there can be no mistake. Lincoln Climatic Paint of the formula prepared for your locality will endure—only years of wear will remove it.

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telling about the discovery of Lincoln Climatic Paint will be sent to you on postal request. Write today, and we also give you the name of dealer nearest you who has a copy of the first climatic map of the U. S. ever published. Send postal NOW.

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Lincoln Trade Mark covers a complete line of highest grade paints, varnishes and general paint specialties for all purposes.



RUST-PROOF METAL STACK COVERS

This Cover Will Save Enough in One Stack to Pay for It!

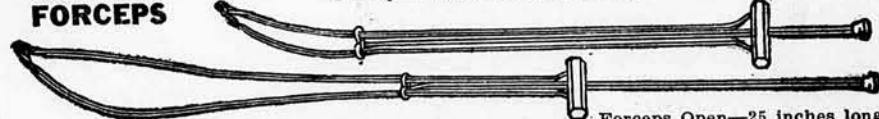
Our Corrugated Galvanized Metal Stack Covers not only save all the Hay as successfully as if it were hauled into sheds and barns. Made in all sizes. A 15-year-old boy can put them up. Two boys can quickly cover a stack 20x40 feet. Wind-proof, water-tight and last a lifetime. Farmer Agents Wanted. Write today for descriptive booklet, prices and special agency terms if you want agency. Mention this paper.

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Forceps Closed—16 inches long.



Forceps Open—25 inches long

A NECESSITY ON EVERY HOG FARM.

Saves the pigs or sows. Prof. J. H. Burt, K. S. A. C., Manhattan, says: "Have used Day Forceps. Am well pleased with them. I can recommend them to every hog raiser. They are the neatest and simplest I ever saw." Heavily nickel-plated. Will not wear or break. Sold on trial. Absolutely guaranteed. Price, \$1.00 each. Postpaid. Write for circulars, or order from this ad.

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DE LAVAL CREAM SEPARATORS

ARE THE MOST SANITARY

The up-to-date De Laval Cream Separators excel other separators not only in thoroughness of separation, ease of running, simplicity and durability—but as well in the important feature of being the easiest cleaned of all cream separators and the only cream separator which is thoroughly cleanable under ordinary every day use conditions.

The modern De Laval separator bowl is completely unassembled in cleaning and every part is smooth, visible and easily reachable, without hinge, tube, pocket or crevice anywhere. The whole bowl is washed thoroughly in a couple of minutes.

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QUALITY OF CREAM AND BUTTER DEPENDENT UPON SEPARATOR CLEANLINESS

An unclean separator bowl or filthy separator frame necessarily means a bacteria infected and inferior quality of cream. Buyers of farm separator cream and buttermaking authorities generally are constantly emphasizing this point.

One of the prize winning creamery buttermakers at the last National Dairy Show recently wrote us:

"We are sorry for the use of so many 'mail order' and other inferior separators in our territory. It seems to be almost impossible to clean them, even though the farmers do try—and a good many of them don't even try. We wish you could do more missionary work to get these rotten separators out of the country. It is impossible for any buttermaker to make good butter from spoiled or tainted cream."

Any De Laval agent will be glad to take a modern De Laval machine apart for you so that you can see for yourself its simplicity and sanitation of construction and how much more easily and perfectly it may be cleaned than any other separator.

THE DE LAVAL SEPARATOR CO.

NEW YORK CHICAGO SAN FRANCISCO SEATTLE

DAIRY



There is a lot of talk these days about diversified farming, and such farming is needed badly in Kansas. A good way to start this diversification is with a dairy herd.

An important dairy implement is a lead pencil. With a pair of very ordinary spring balances and a little Babcock tester it will tell you much of the value of your dairy operations.

We repeat our advice in regard to raising heifers from good cows. There isn't the least sign on the dairy horizon to indicate that the demand and good prices that have prevailed for dairy cattle will let up, and the dairyman who has a line of heifers coming along has something that it growing into money at a profitable rate.

The Holstein-Friesian Association now claims six cows that have produced 1,000 pounds or more of butter. In the last report there are 15 cows listed as having finished year's records of 600 pounds or more of butter fat. One cow, standing fourth in the six above mentioned, made 883.07 pounds fat from 22,811 pounds milk in one year.

The secretary of the National Dairy Union, who is looking after the interests of dairymen in the oleo fight, writes: There is a Lever bill for agricultural college extension work which is believed to be a good measure. There is a Lever oleomargarine bill which should be defeated. Readers, please write personal letters—petitions are good, but personal letters are better—to your Representatives and Senators, urging them to oppose the Lever oleomargarine bill.

We know that the work of the farm is crowding. It will crowd you harder for a few weeks than for many seasons before in Kansas. But do not forget the Farmer's Institute. You can well afford to take an occasional Saturday afternoon off to learn what your neighbors are thinking of and doing. Why should this item appear in a column devoted to dairying? Well, if you attend a real live Institute there will be some good things said about the dairy cow.

Get rid of the disagreeable job of de-horning the calves next fall by spending a little time this spring removing the button as soon as it appears. This can most easily and humanely be done by rubbing the button with caustic potash, obtained in sticks at your drug store. As soon as the button, which is the young horn, can be felt under the skin, cut off the hair, moisten the caustic and thoroughly apply to the bare spot. A treatment every few days for two weeks will thoroughly do the job. Wrap caustic with paper so as not to get it on your hands.

The Department of Agriculture reports a test at the Illinois Station where the dairy herd was divided in two lots, one which was fed 40 pounds of corn silage per cow daily, while the other lot was fed only clover hay and grain. During the course of the experiment, samples of milk from each lot were submitted to 372 persons for an opinion as to any difference in flavor, the tester being, of course kept in ignorance of which milk was silage produced. The result showed that 60 per cent readily preferred the milk from the silage-fed cows, 29 per cent the milk from cows not fed silage, while 11 per cent could not make up their minds either way.

Dean Mumford of the Missouri College of Agriculture makes the statement that cows can be maintained more cheaply on silage than they can be carried through the summer on blue grass pasture where the land costs about \$100 per acre and suitable for growing corn. He says that there is very little pasture land where a cow and a calf can be pastured on less than 1½ acres, but it is entirely possible to get 12½ to 20 tons of silage from 1 acre. A cow and her calf can be carried through the summer on 2 pounds of clover hay and

35 pounds of silage per day as well or better than on a blue grass pasture. Thus, he declares, that you can carry a cow and her calf six months on less than a half acre of silage.

Eight years ago, when a man from the Experiment Station wanted to do some testing in B. Thomas' herd at Woodstock, Ill., he was sent away without his dinner. He did not go, however, until Thomas had promised to change feed for a week as an experiment. The result was such an increase in milk flow that the testing work was taken up. The first year's work showed an average production of 200 pounds butter fat. The result was that a good many of the cows were sold. A pure-bred dairy bull and some grade heifers were bought. In three years the average production was raised by 100 pounds of butter fat per cow. The original herd was worth about \$45 a head. At a closing-out sale a year ago the average price, including calves, was \$122.

These are days when the milking is done later in the evening and earlier in the morning. This is done to make a longer day in the field and is the reason why thousands of farmers and farmers' boys do not like dairying and take no interest in it. Do not carry early and late milking to the extreme. Make a reasonably long day in the field, and when the hour comes to stop, unhitch the team. Make the milking a part of the day's work and not a job taking an hour off each end of the period of sleep and rest. It pays, as well, and in many cases much more, to spend the hour milking as compared with field work, except, possibly, in harvest, when the crop must be taken care of. Try an equalization of the day of work and the time of rest and sleep, and see how it works.

Here is the effect of a good dairy sire on the Missouri Experiment Station herd: From dams with average records of 4,609 pounds of milk, he sired daughters whose records average 7,154 pounds. The dams averaged 238 pounds of fat per year and the daughters raised this to 348 pounds. The daughters of this bull produced \$275 worth of fat per year more than their dams. Counting this on the same basis as before, thirty cows for six years, we have \$4,950 worth of butter fat produced by the daughters in excess of that produced by the dams. What would be the value of this bull had he been owned by an association of neighboring dairymen where he might have had 100 daughters or more? This bull was a Jersey. His value was not recognized until after he had been sold, and now the Missouri Station would like to buy him back at a price up in the thousands.

There is something to the rearing of dairy bred cattle aside from milking twice a day and selling the cream, as shown by this from C. H. Eckles, of Missouri: "It has been reported to me by a man in a position to know that within twelve months' time \$15,000 worth of Holstein cattle have been shipped out of Cameron, Mo. During the same twelve months' time Mr. Gordon, of Columbia, Mo., has sold sixty-five head of high-grade Holstein cows, the surplus of his herd, at an average of a little over \$100 per head. It is reported that over \$100,000 worth of dairy cattle were shipped out of a single town in Wisconsin last year. I receive an average of a letter every day asking where dairy cattle may be bought. These scattering figures indicate the great demand for cattle of this breeding at the present time and call attention to the possibility of raising and selling cows for dairy purposes as an important part of the farm income."

Farm Dairying.

The subject assigned me is the most important subject we have to deal with in Decatur County. The cow is the one animal that we need to look to to make the living for our families. There are three fundamental problems that confront us in the dairy business. The first is a good dairy cow. There is no



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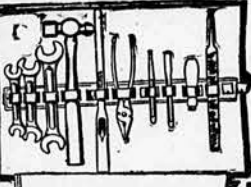
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SILOS

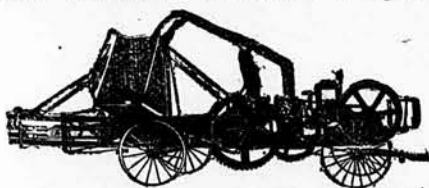
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money in the scrub cow. The scrub cow is a greater abomination than any other farm animal. Every farmer that has them will lose more money than would be necessary to replace them with good ones, and besides he doesn't get anywhere while we are endeavoring to improve everything else on the farm. Why not the milch cow? "Necessity is the mother of invention" is an old adage, I believe, true adage. When a man is determined he usually finds a way to effect the accomplishment. When feed is scarce and high-priced it is up to the farmers to in some way make the feed go the whole distance and to get everything out of the feed that there is in it. We have all experienced such conditions on the farm and have, by some turns, carried the stock through on a remarkably small quantity of feed, or by the use of something which ordinarily would not be regarded as feed, but I firmly believe that the happiest man in the dairy business in Kansas just now is the fellow that bought a silo and filled it last fall. I know a dairy farmer in Nebraska, and he wrote me that with 30 to 35 pounds of silage per day and 5 to 8 pounds of alfalfa hay, which is all the cows will eat, that his herd is milking as well as on grass. Of course this man is stabling his cows. With a June milk flow made on a feed which heretofore has gone to waste and the butter fat selling at 30 to 35 cents a pound, there is no wonder he is smiling.

The second essential thing in the dairy business is the feed, and I believe the silo has solved the problem for the cow. The third principle is kindness; you cannot treat a cow too kindly. Get a good cow and treat her kindly and she will make you a bank account.

Mr. Gurler, the veteran Illinois dairyman, has some figures on four of his best cows. They averaged 477 pounds of butter fat per year. His four poorest last year averaged 166 pounds fat each. When a cow produces 166 pounds of fat per year at a food cost of \$39, as in this case, and a labor cost of \$12.50, one is worth \$35. The cow that produces 400 pounds is worth \$400, and the owner can make net \$16 more from her after paying the interest on the \$400 than he can from the \$35 cow. There is, of course, a difference in the food cost. A cow can not, as a rule, produce 400 pounds on the same feed that another cow only produces 166 pounds, but this will be offset by the increased production of skim milk.

It is my idea that a farmer should keep the one of two kinds of cows, either a dairy-bred cow and feed and milk her for all she is worth, or keep the best of beef-bred cows and make or break in the business. I believe in the farmer being a specialist. The farmer who does real dairying will have some beef to sell. He will not go out of the calf business. Dairy-bred calves well cared for will sell for as much money as some poorly-reared calves of today which are said to be of beef breeding. The beef man will have some milk to sell and will get a milk check, but I do not believe that milk and beef are so combined in one animal but for one or the other the animal is a failure. I know that this question will be argued in Kansas for a good many years yet, but the time will come when our farmers will follow one or the other of the two paths.

The whole art in dairying is comprised in the word "comfort." Make the cow comfortable and keep her comfortable and she will do the rest. If her milk flow varies, if she gets off her feed, if she kicks, she is not comfortable for some reason, and the fault is your own and not hers. It is noticeable that milk farmers and dairymen who get the big milk checks are the men who have succeeded in making their cows comfortable. The percentage of butter fat depends almost entirely upon the individuality of the cow. The breed has something to do with it of course, but not so much as the individuality. Feed cuts no figure. It is possible to increase the milk flow by proper feeding, but not the percentage of butter fat. I believe the Babcock test is the only means by which this percentage can be determined, and this is a good thing to use before purchasing dairy stock.

NOTE.—The editor must apologize to the writer of the above for having lost his or her name. This article shows the high quality of the papers prepared by farmers and farmers' wives for the Kansas farm institute.—EDITOR.

Don't this weather make you think of the King drag and what a very little time and trouble it costs to make and what a very big lot of comfort and satisfaction and speed it will bring to both yourself and your team?



This Hand Can do the Work of Two

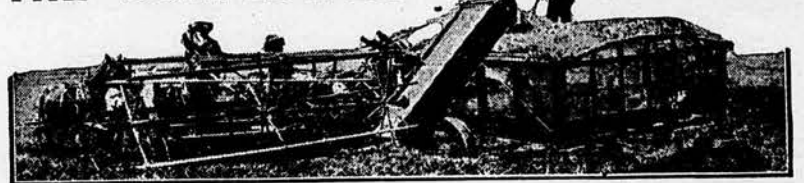
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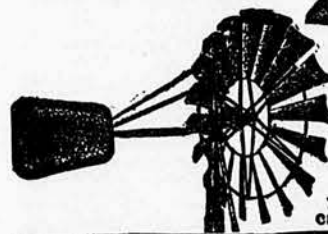


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Note this patented wing. How it presses against the channel, thus preventing mud, dirt, grit or water from getting in and quickly rusting the rim and destroying the tire base. This tire remains sound. Won't creep or get loose. Gives utmost wear. Will protect your carriage and greatly lengthen its life. Being of tough, springy rubber, it is exceptionally easy-riding.

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is especially designed for light-vehicles—runabouts, etc. Note the wire hole is below the center. This increases the wearing depth of the tire over half and the life of tire by same proportion. This tire stays firm in the channel. The high-grade, resilient rubber used in the "Eccentric" Cushion Tire makes it remarkably easy-riding. Always gives satisfaction.

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There is a wagon made that is stronger, more durable and of lighter draft than any other. This wagon is

Built Like a Bridge

Entirely of steel I-Beams, Channels and Angles, solidly held together with large steel rivets, put in hot under great pressure. Like the steel railway bridge, it is constructed for hardest lifetime service. Strong and durable. Each front gear and each rear gear is practically one solid piece that cannot come loose or apart.

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This wagon has steel wheels that are trussed and made with a tension,

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That roller bearings reduce draft is generally conceded. Of the various styles, the straight roller bearing is the simplest and most successful. For this wagon the straight roller bearing is especially adapted. The spindles and hubs are straight. Consequently, as this wagon is equipped with straight roller bearings it is of light draft. A little book we'll be pleased to send free, tells of a good many more superior features this wagon has.

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POULTRY



Eggs are getting cheaper, which is a sign that the hens are getting busier.

The main object of the poultryman now is to keep the hen busy; not to let her get a set-back.

This can be accomplished by seeing that she is kept indoors during any sudden cold storm that may happen to come.

On April 2 three Ohio River packets arrived at Pittsburg, Pa., with over 1,000,000 eggs on board, and eggs dropped in price from over 30 cents a dozen to 20 cents in less than half an hour. It is said to be the largest shipment of eggs received in Pittsburg for over two years.

Though the rush of eggs in large quantities to market will have a tendency to cause prices to go pretty low, still a reasonable price for April eggs ought to prevail, for April-packed eggs, when placed in cold storage, are considered the best kind for keeping purposes. This is because hot weather has not had a chance to decompose them, as is often the case in the hot days of May and June.

"Some Experiments With Poultry" is the title of Bulletin No. 157, issued by the Maryland Agricultural Experiment Station from the station at College Park, Md. These experiments covered practically three years, and proved, among other things, that the percentage of shrink in egg production during the third year proves that birds of this age are being maintained at a serious financial loss. Trap-nest records of good producers have clearly indicated that from 80 to 90 per cent of them produce their first egg in the late fall or early winter. These facts should enable the farmer to select his good producers without the aid of trap nests, by permanently marking

should be placed several inches above the ground so that the cold air can circulate underneath and through the coop. When placed in such a coop, setting hens will get over their setting proclivities in a few days, and be ready to lay again. They should be fed very sparingly, but plenty of pure water should be given them. Some writers claim that a setting hen should be given a clutch of eggs and be allowed to hatch out a brood of chickens, claiming that she will lay as many eggs anyway, besides raising the chicks, as when compelled to go without hatching a brood. But this is not so, for most hens, if placed in a coop such as we have described, will be ready to lay again within two weeks, whereas it would take a setting hen three weeks to hatch her eggs and four to six weeks to brood the chicks. Besides, in these days of incubators and brooders, it would be not only inadvisable, but impossible, to use all the clucking hens for setting purposes.

Fowl Cholera.

The symptoms usually noted are as follows: The bird begins to mope, remains on the roost with feathers ruffled, head down, and wings more or less droopy; the bird presents a "ball" appearance. The bird is weak, and diarrhea is present. The discharge is of a greenish-yellow color. The bird usually lives from three days to a week.

We have studied this disease and conducted experiments with it in chickens, turkeys, and ducks.

When the abdominal cavity is opened, the liver will be noted to be much larger than normal, and darker. The spleen may be enlarged. The intestines are congested and may appear inflamed.

As to treatment: The henhouse and yards should be cleaned thoroughly. The house and, so far as possible, the yard, should be sprayed once a day with a 5 per cent solution of carbolic acid, zeno-



A SPECIAL MATING OF WHITE ORPINGTONS OWNED BY C. E. REED, NORTON, KAN.

his hens so as to be able to weed out those that have passed the second year. A copy of this bulletin can be obtained by any of our readers who wish it by addressing as above.

A few weeks ago setting hens were at a premium, and a dollar each for any old hen that would cluck was freely offered. But soon the setting hen will become a nuisance, and means to stop her setting propensities will be in vogue, such as dowsing her in cold water, starving her, etc. To allow setting hens to remain on the nests where other hens lay their eggs is very objectionable, for not only do they take up the room of the laying hens, but are the cause of many a broken egg during the fight for the nest. Another thing that is objectionable is the fact that eggs laid by other hens, if allowed to remain under a setting hen, commence to incubate in a very few hours, and when taken from the nest they are on the road to rapid decay. Even cold storage won't save an egg that has commenced to decay—it keeps getting worse all the time. All setting hens that are not needed for hatching purposes should be placed in a coop that has a slatted bottom, and

leum or creolin. Birds should be watered from drinking fountains. These should be cleaned and disinfected once a day, using disinfecting solution same strength as for house and yards. The feed should be given in troughs which are so constructed as not to allow stepping into them. These should be cleaned and disinfected once or twice a day. As the germs escape from the sick birds from the discharge, the birds, as soon as noticed to be ailing, should be destroyed and burned, or at least separated so as to prevent further distribution of the germs.

As treatment, sulphocarbonate tablets containing the sulphocarbonate of calcium, sodium and zinc, have given us the best results in our experimental work. Vaccination has also been successfully carried on.—B. F. KAUPP, Pathologist, Colorado Agricultural College, Fort Collins.

Feeding and Caring for Incubator Chicks.

As inquiries are continually being received seeking information on the feed and care of little chicks, a few suggestions at this time may be of some benefit. I offer here the following instructions, more as a set of rules than as a



DR. NEWTON'S LINIMENT

An absolute cure for all pains, lameness, soreness, swellings, inflammations, in all cases of sprains, bruises, sore tendons, enlarged glands and joints, inflammatory swellings, cuts, abrasions, sore throat, stiff joint, hip joint, and rheumatism.

Price, \$1. Sent postpaid with full directions for using, on receipt of price. Every bottle guaranteed to give satisfaction. Agents wanted. Write for special proposition if you want the agency. Free consultation and advice to stockmen.

Try Dr. Newton's Colic, Fever and Cough Cure.

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This Ad is Small But



It will save you big money. Investigate before you buy an Incubator and Brooder. Worth \$12.50, now under \$8, freight paid east of the Rockies. I offer a Thousand Dollars to anyone who is able to show a better heating system than the one in the

Best Made, Metal Covered With Copper Heating System. **POULTRY LEADER INCUBATOR.**

I want you to have my free book and low prices whether you buy of me or not, then you will realize what a wonderful offer I am making you. Send your name—QUICK!!!

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general discussion, because, first, they may be tacked up in some convenient place and referred to each day until one is familiar with them, and hence they make a very good working plan; second, by constantly referring to rules the importance of the minor things in chick raising will be more appreciated.

1. Start the brooder a day or so before the incubator hatches, so as to regulate and thoroughly warm all parts.

2. Remove the chicks from the incubator when they are about 12 to 24 hours old, or when dry and sprightly. Put them in a box containing some fine chaff, and cover with a cloth until they are about 36 hours old.

3. Kill all the crippled chicks or those that are so weak that you believe they will not live. The growing period is so short that it is not worth while to attempt to raise them.

4. Put all the healthy chicks in the brooder when they are about 36 hours old. Do not put too many in the brooder so as to crowd them. Usually a brooder which is rated to hold 100 chicks will give much better results with about 60.

5. After they have been in the brooder a little while to get accustomed to it, give them their first feed. This may be done by putting it on a paper in the front part of the brooder.

6. The first feed should consist of either the yolks of hard-boiled eggs, or old dry bread soaked in milk, and allowed to drain before feeding. The infertile eggs or those that had weak germs, and which were taken from the machine during the first half of incubation, may be used.

7. Do not feed much at first, but feed every three hours during the first week. This should bring the feeds about as follows: 6 A. M., 9 A. M., 12 M., 3 P. M., 6

8. After the second day ground grain or rolled oats may be gradually substituted for eggs and soaked bread. A mixture similar to the following may be used: Ground wheat 2 parts, ground corn 1 part, ground oats or beans 1 part, beef scraps $\frac{1}{2}$ to 1 part.

9. Keep fresh water before them at all times.

10. Generally speaking the temperature of the brooder should be kept at about 90 to 95 degrees the first three or four days, then may be lowered to 82 to 90 for the next week and one-half. After this it will not be necessary to burn the lamp except at night, unless the day is cold.

11. However, watchfulness and good judgment are usually better than a thermometer. When chicks are warm and comfortable they will be scattered around under the hover, if cold they will huddle and crowd in the corners, and if too hot they will hunt the openings, spread their wings, and are liable to contract diseases from being in the drafts.

12. Be very careful not to leave the lamp turned too high, as it always crawls up after burning a little. See that it has plenty of air, as carelessness here may result in fire.

13. If any water is spilled on the floor, put in some more litter, as wet floors cause disease.

14. If the weather is cold the chicks can be kept in the brooder the first two days, then allowed to run out through the small opening, and after the third or fourth day the large opening may be used. If the weather is warm, allow them to be out from the first day.

15. Keep fine grits, oyster shell or gravel, so they can have access to it at all times.

16. Clean the brooder thoroughly every week, and spray with some disinfectant.

17. When the chicks are six or seven weeks old, remove the brooder and put low roosts in the brooder house.

18. Feed meat scrap, ground green bone, or any other form of animal food, together with green vegetables at least three times a week, and a little every day is better.

19. Always see that the chicks are comfortable and contented. They are usually fairly quiet if they are.

20. It is very essential that you give careful attention to the small things, as young chicks are very delicate, and carelessness will mean failure.—H. H. SIMPSON, Experiment Station, New Mexico.

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HOME CIRCLE**A Matrimonial Plea.**

Teacher—Johnny, tell me who Patrick Henry was, and what did he do?

Johnny—Patrick Henry was a young man, and he lived in Virginia. He had blue eyes and light hair. He was married and he said, "Give me liberty or give me death."

Hemstitching may be done on the machine by drawing the desired number of threads, folding them over and basting with edge in center of drawn threads. Loosen the tension of the machine and stitch as nearly on the edge of the hem as possible. Remove the basting and taking the goods in one hand and the hem in the other, pull the edge of the hem to the bottom of the drawn threads and the work is complete. This is a quick way and can scarcely be detected from the hand work. Hemstitched tucks can be made on the same principle, and these with the hem make a pleasing finish for children's clothes.

Lard pails make excellent receptacles for meal, rice, beans, etc. To clean them thoroughly and remove all odor of lard, wash them first in boiling water, then in lukewarm water and ammonia, and dry them in the oven. Paint the names of the different things they are to be used for on the side. They are not only convenient, but look well on the pantry shelves, being a decided improvement over a miscellaneous collection of bags and boxes. The same thing is true of baking powder cans for small spices and things of a like nature. The paper

should be soaked off of the cans, of course.

Baked Steak.

Select a steak about two inches thick, put it into a baking pan and pour over it four tablespoonfuls of chile sauce and a few pieces of butter, and bake in a hot oven about 20 minutes.

Anent Arbor Day.

Arbor Day is becoming a day of national importance, and its results are measured largely by the efforts of teachers. Rural teachers are by no means exempt, and in fact their opportunities are so much greater they are even more responsible than their city sisters.

Begin early to create an interest in trees among the children. Have conversation hours about them at first and have the pupils bring in all the information they can about them, seeing who can bring in the longest lists of the different kinds. Have them find out what ones are local and what others could be planted and nourished. The pupils should also be encouraged to find out which trees make the best fire wood, the best charcoal, the best railroad ties, the best telephone poles, etc. Also fruit trees, telling where they are grown in the greatest quantity and where their fruit is most largely shipped, should be given their share of attention. Studied in this way the knowledge thus gained may be of great value to them in after life, and at the same time be a pleasant diversion from the regular course of study.



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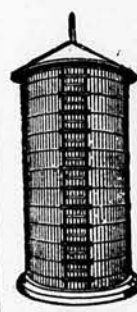
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Don't Always Judge by Appearances.

Within the walls of an insane asylum was being erected a new building and some of the harmless and saner inmates were employed on light work. An Irishman was walking back and forth from a brick pile to the front of the building with a wheelbarrow upside down. A visitor, pausing to look at the work, noticed Pat, and thinking if he showed Pat the correct way to use the wheelbarrow that he might impress it on his mind, so he stopped the man, took the wheelbarrow, turned it right side up and walked from the building to the brick pile.

"Pat," he said, "this is the proper way to use a wheelbarrow."

Pat looked at the visitor with a twinkle in his eye.

"Begorra, you think you're smart, don't you? If I wheel that thing that way they will fill it full of bricks."

Potatoes and Cheese.

Pare and boil in salted water six large potatoes. When done drain thoroughly and let stand a few moments in the oven to dry. Then mash as finely as possible; add two large tablespoonfuls of butter, a little white pepper, and enough hot milk to make a smooth, creamy mixture. Grate half a cup of cheese and beat it into the mashed potatoes. Heap upon a baking dish, grate a thin layer of cheese over the top, and bake in the oven until browned a little.

When the Son Sets.

When the iceman came out of No. 37 he found a small boy sitting on one of his blocks of ice. "Ere!" he roared. "Git off of it!"

The small boy raised a tear-stained face. "Was you ever a boy?" he queried, faintly.

"Of course I was!" fumed the iceman.

"But—"

"And did you ever play truant?" cut in the youngster.

"Of course I did!" snarled the iceman.

"Now, then, you—"

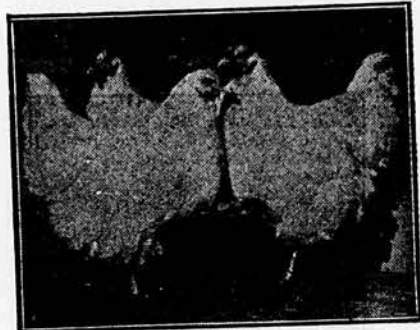
"An' when you got home, did yer father take a stick an'—"

A lump rose in the iceman's throat.

"Sit where you are, my little man," he gulped. "I understand."

GIVE THE BOY A CHANCE.

For generations the school boys and girls have been taught of the great men of the world and their work. Men great in war, statesmanship, invention, business, and they have not only desired to emulate these men, but are actually taught to do so, with never a word that there are great man and



A pen of Silver Wyandottes owned by Mrs. C. C. Henderson, Solomon, Kan.

greater opportunities on the farm. The children have been taught, since schools were first established, about the things which lead away from the farm. They are imprisoned in little, ill ventilated, uncomfortable school houses, taught of wars and foreign lands, with little of the intimate knowledge of our own country and nothing of the nature which surrounds them and makes life beautiful.

If the boys leave the farm it is our fault. We teach them to want to do so by holding up false or improper ideals and teaching them nothing of what they need, both for their own development and for use in the business of farming.

Kansas is better off in this respect than most states, but she has only begun to correct the work of a century done in the wrong direction. Less of history and more of nature study should be the rule. History can be read; nature must be studied, and a long lifetime is all too short in which to learn the lessons of her open book. Yet these lessons are vital to our individual success, to the development of character and to the prosperity of our nation.

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Send for our beautiful free book "Music in the Home." It tells about the Crown Combinola and is a book for all music lovers. Besides, if you are the first to write us from your neighborhood, we have a special price offer that is a money saver—one well worth your while to write today about it.

GEO. P. BENT COMPANY

220 So. Wabash Avenue, Chicago, Ill.

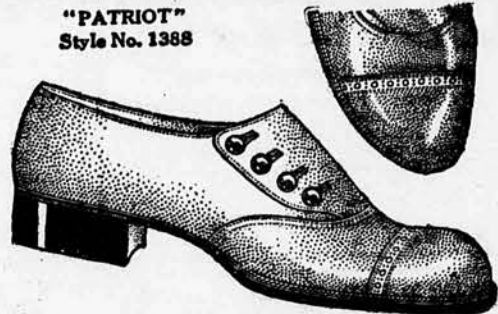
Tell me about your special plan to introduce one Crown Combinola Piano in my neighborhood. Also send me your beautiful piano book, free of charge.

Name

Address

Cut Up These Shoes

"PATRIOT" Style No. 1388



Cut any pair of "Star Brand" shoes to pieces and you'll find they are honestly made of good leather. They are PURE shoes.

Many other shoes have composition heels, counters and insoles which are hidden by the inside lining or the outside finish. You can not detect these adulterations until after you wear the shoes.

But "Star Brand" shoes, from the best grades down to the lowest in price, have all leather heels, soles, counters and insoles. No substitutes for leather are ever used.

"Star Brand" shoes look better, fit better and wear longer than other shoes sold at the same price. That's why seven million pairs were sold last year—the largest sale of any shoes.

The style above shown is "Patriot" No. 1388 for men—one of the newest models for 1912. Made of tan calf leather over the popular new "custom" last.

The "Patriot" is also made in all other leathers—many different styles at \$4.00 to \$5.00. When judged by ordinary values they are worth a dollar more.

If your regular dealer does not sell the "Patriot" and other "Star Brand" shoes it will pay you to change dealers. Look for the Star on the heel. Insist on having "Star Brand" shoes. Wear them and you will then know why



"Star Brand Shoes Are Better"

Write Dept. 817 for Book of 30 Styles—Free.

ROBERTS, JOHNSON & RAND
MANUFACTURERS Branch of International Shoe Co. ST. LOUIS

MENTION KANSAS FARMER WHEN YOU WRITE.

HIDES and FURS

Ship us your Cow and Horse Hides. We are paying a good price for them. G. S. Hides, 11 and 12 cents; Horse Hides, \$2.50 to \$3.50. You should ship your Furs just as fast as you get hold of them, as the market will keep going lower as the season advances. If you have wool to sell, write us.

JAS. C. SMITH HIDE CO., Topeka, Kansas
St. Joe, Mo., Wichita, Kan., Grand Island, Neb., Joplin, Mo.



SEED CORN



150 Bu. WHITE WONDER at \$2 per bu., F. O. B. Council Grove. Won 1st prize at State Corn Show. Also recommended by Kansas State Agricultural College. Write quick.

W. L. WRIGHT, Dunlap, Kan.

The Blade Harrow



SAVES HALF THE TIME OF HARROWING

DOES BETTER WORK. Harrow perfection at last achieved. Levels, packs, pulverizes and slips the trash. As much superior to ordinary harrows as steel plow is ahead of wooden moldboard. Let us send you the facts and the proofs. Simply send your name on a post card.

THE BLADE HARROW CO., Lawrence, Kan.

Denison's Means Perfect Drain Tile

Perfectly made—smoothly finished, hard burned shale clay tile free from lime and defects, the kind that's recognized the world over as the highest standard. Used by agricultural colleges and expert engineers. When your job of tiling is once done, it's done forever.

Ask Your Dealer

to show you Denison's Tile and see how much better it is than other kinds. If dealer has none in stock tell him to write us for free sample tile.

VALUABLE BOOK FREE
Write today and get it. Find out why tiling pays. How and when to do it. Why Denison's tile is used and should be used and other valuable information.

MASON CITY BRICK & TILE CO.
615 Van Ness St., Mason City, Ia.

Pure and Unadulterated Kentucky Natural Leaf TOBACCO 20c. per Lb.

Sold direct to you, just as it comes from the farm, no sugar, flavorings or drugs added. Just the genuine, old-fashioned, HOME SPUN Tobacco in its natural state.

FINEST GRADE
5 lbs. Smoking or Chewing, \$1.00
Wrapped in waxed paper and carefully packed in sealed cartons, preserving its original flavor. A trial 1-lb. package sent postpaid for 35c.
Traveling Men and Agents Wanted.
MAYES TOBACCO CO., Mayfield, Ky.

A PAINT THAT PRESERVES. 10c Gallon

A paint that gives better service, at less cost, for barns, silos, etc., and for dipping posts and poles.

Petrosote

is an all-purpose farm paint, preservative and disinfectant. It kills lice, mites and vermin. Hundreds of farmers find it worth many times its cost. Our free booklets give complete uses, directions and testimonials. Write for them today. Trial can, five gallons \$1.00.

50 Gal. \$5.00
PETROSOTE MFG. CO.
Dept. C LINCOLN, NEB.

SAVE YOUR BACK

Save time, horses, work and money by using an **Electric Handy Wagon**. Low wheels, broad tires. No living man can build a better. Book on "Wheel Sense" free. **ELECTRIC WHEEL CO.** Box 34, Quincy, Ill.

When writing advertisers, please mention KANSAS FARMER.

KENDALL'S SPAVIN CURE

The old, reliable remedy you can depend on for Spavin, Curb, Splint, Ringbone or any lameness. Thousands have proved it invaluable. Get a bottle from your druggist. Price per bottle \$1.60 for \$5.00. Treatise on the Horse. Free at druggist or from Dr. B. J. KENDALL CO., Knoxville, Tenn., U. S. A.

THE STRAY LIST

TAKEN UP, BY A. D. MICHENER, Syracuse, Kan., on the 26th day of March, 1912—One red motley faced steer, coming 2 years old, crop in left ear and underbit, and crop in right ear. Branded F on left side. Value, \$15.

TAKEN UP, BY G. T. ROBSON, OF Kendall, Kan., on the 8th day of February, 1912—One white pony, weighing 600 or 700 pounds, and 10 or 12 years old. No marks or brands. Value, \$20.

TAKEN UP, BY S. V. HIXSON, OF Kendall, Kan., on the 10th day of February, 1912—One black cow and one red bull calf. Cow is 2 years old and calf about 6 months. Blotch brand on left hip of cow but no brand on calf. Both animals' ears marked with crop off right ear. Value, \$30.

IF YOU WANT TO SELL YOUR FARM.

Among the more than 60,000 farm homes into which this paper goes every week, there may be a man or woman looking to buy just what you have to sell.

Did you ever notice that every one who wanted to sell his farm, sooner or later found a buyer? When the offer of a farm becomes known more and more, the chances for a quick sale at the desired price get better and better.

You can't make your offer known to possible buyers any more cheaply than through an advertisement in this paper. The cost is small and the value big. Write for special low land advertising price. Address simply Kansas Farmer, Topeka, Kan.

NATIONAL WEATHERMETERS—Predicts storms, day ahead. Shows temperature, 60 below, 125 above zero. Locates directions, North, South, East, West. No home complete without one. Sent postpaid, \$1. Order today. American Directory Company, K.F., Dallas, Texas.

Big Free Catalog Our Big Free Auto Catalog. Just out. Everything for your automobile at wholesale prices. Auto Specialty Co., Dept. E, 1516 Grand Ave., Kansas City, Mo.

The GRANGE

DIRECTORY OF THE KANSAS STATE GRANGE.

OFFICERS.

Master.....George Black, Olathe
Overseer.....Albert Radcliff, Topeka
Lecturer.....A. P. Reardon, McLouth
Secretary.....O. F. Whitney, North Topeka
Chairman of Executive Committee.....
.....W. T. Dickson, Carbondale
Chairman of Legislative Committee.....
.....W. H. Coultis, Richland
Chairman of Committee on Education.....
.....E. B. Cowgill, Lawrence
Chairman of Insurance Committee.....
.....I. D. Hibner, Olathe
Chairman of Woman's Work Committee.....

KANSAS FARMER Grange department would like to have a copy of the year book of each subordinate Grange in Shawnee County. Please send to I. D. Graham, care KANSAS FARMER, Topeka, Kan.

The Committee on Agriculture of the Commercial Club of Topeka is taking a farmer vote on the desirability of a farmers' market place in this city after the style of the one now operated in Des Moines, Iowa. This would permit the farmers to sell direct to the consumers from the wagon and without driving about the city. What is your preference? Send your vote for or against such a market place to the Grange Department of KANSAS FARMER and it will be placed before the proper authorities.

April Program, Pleasant Ridge.
April 27, 8 P. M.—Music by Mrs. C. E. Kelsey; Noted Women of the Past and Today, by Mrs. L. H. Neiswender; Do the Boys and Girls of Today Have a Better Chance of Success than the Boys and Girls of Thirty Years Ago, by S. C. Landis.

April Program for Oak Grange.
April 17—Conferring degrees. Music by Mrs. F. P. Hill. Common Courtesy, by Miss Opal Holloway; Problems of the Housewife, by Mrs. Fred Engler; Public Consecration, by Hon. Robert Stone.
April 24, 8 P. M.—Items of interest. Conferring of degrees. Music by Frank W. Heim; reading, by Wallace Corbett; Modern Farm Machinery, by August Engler.

Fred Engler is Master and Miss Alice C. Buckman is Secretary of Oak Grange No. 665.

Send Reports.

Last year an appeal was sent out asking for assistance and material for this column in KANSAS FARMER. There was some effort made to comply with the request, but as a whole we did not secure the desired results. This appeal was general, and now we are to make it special.

We need the Grange news from every subordinate Grange in Kansas to make this department what it should be. Now we will ask you to respond to a specific plan we have arranged, and that is to have the subordinate Granges of two counties make reports each month. Beginning alphabetically for April with the subordinate Granges of Anderson and Coffey counties, we will ask the lecturers of the different Granges of these two counties to send to the state secretary any transactions of business or notes of interest carried on in their particular Grange, and please begin now, so that we may have such material on hand to arrange as time and space will permit.

This does not bar a State Grange officer or any other person from the privilege of participating in the good work. Sign your name to all communications, and if you do not care to have the name appear in print, just draw a line through it and we will respect your wishes, but we would rather publish any article over the name of the writer.

Highland Park Grange.

Although one of the newer Granges in Shawnee county, Highland Park Grange is doing things. They have issued a very attractive year book, with full program for each bi-monthly meeting, and the membership takes a live interest in discussing the questions of the day.

At the last meeting the question of the proposed establishment of a curb market in Topeka, where the farmers can sell their produce direct to the consumer, after the plan adopted so successfully in Des Moines, Ia., was discussed and sanctioned by a unanimous vote.

A communication from the secretary of the National Grange, urging all subordinate Granges to take action on the oleomargarine law, was read and resulted in petitions being signed by every

Ann Arbor

"THE BALER FOR BUSINESS"

WITH OR WITHOUT GAS ENGINE

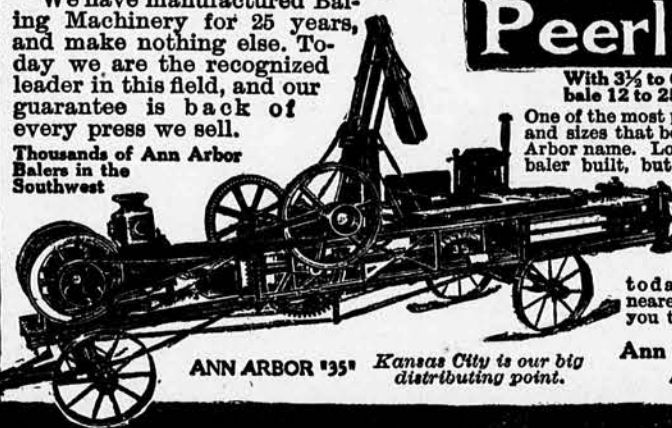
"35"

With 6 to 10 H. P. engine will bale 25 to 40 tons in 10 hours. Made especially for the South and Middle West; Handy, Speedy and Economical. You know that the faster you can turn out good, strong bales, the more money the baler is making for you.

STEEL CONSTRUCTION—Light, strong and durable; automatic feeder, simple and speedy; patented block dropper, convenient and effective; low feed hole, for baling from the windrow. Its balanced mechanical movement gives it large capacity.

We have manufactured Baling Machinery for 25 years, and make nothing else. Today we are the recognized leader in this field, and our guarantee is back of every press we sell.

Thousands of Ann Arbor Balers in the Southwest



ANN ARBOR "35" Kansas City is our big distributing point.

Ann Arbor Machine Co. Ann Arbor, Mich.

Peerless Jr.

With 3 1/2 to 6 H. P. engine will bale 12 to 25 tons in 10 hours.

One of the most popular of the 40 styles and sizes that bear the celebrated Ann Arbor name. Lowest priced belt power baler built, but strong, and efficient. Our guarantee protects you. Let it pay for itself in a couple of seasons.

Send for our New Baler Book No. 4 today, and ask for the nearest dealer who can show you the Ann Arbor Line.

THE "FLOUR CITY" TRACTOR



The GOLD MEDAL Winner

Built in three sizes—20, 30 and 40 H. P. You have read what we claim for the "FLOUR CITY" Tractor. Now read what others say after two seasons' work: Mandan, N. D., Jan. 4, 1912.

KINNARD-HAINES CO., Minneapolis, Minn.
Gentlemen—I have used one of your 30 H. P. "FLOUR CITY" Tractors for two seasons. The engine pulled this last spring eight 14-inch plows and a two section harrow in old ground, and six 14-inch plows in breaking. It pulled the above number of plows up some pretty stiff grades, for this is not a level country.

We also used it in threshing, pulling a 30-50 separator complete with wing feeder and blower, which it handled with power to spare. The "FLOUR CITY" runs with less trouble or time lost than any steam or gas engine in this neighborhood. It is very easy to handle. I have seen over a dozen different gas tractors, and I think the "FLOUR CITY" is the best I've seen. It is the simplest, and simplicity is important when it comes to plowing or threshing, for the farmer has no time to look after and take care of a lot of unnecessary things which look like a net-work of pipes and works.

Yours truly, E. W. HAGEROTT.

If interested, send for our Catalog and Booklet of Testimonials.

KINNARD-HAINES CO.
846 44th Ave. No., Minneapolis, Minn.



KILL THE GOPHERS and OTHER GROUND SQUIRRELS WHICH DESTROY YOUR CROPS.

Gopher Death will clean pocket gophers out of alfalfa. Rid your corn and wheat fields, orchards and meadow of gophers.

CUR Gopher Death WILL DO THE BUSINESS.

Comes in tablet form, easy to use, safe. The gophers and squirrels eat these tablets and the poison kills. Now is the time to use them, when the ground is dry and the squirrels are hungry. They will eat them greedily. 1,400 tablets, \$1.25; special rat tablets, 25 cts.; special mole tablets, 75 cts. Ask your druggist for them, or to get them for you, and if he will not, send direct. We will fill your order. Free booklet on "Rodents of North America," describes pocket gophers, etc., sent postpaid. Ask for it.

FORT DODGE CHEMICAL COMPANY, Fort Dodge, Iowa.

WANTED!

MORE FARMERS TO CULTIVATE MORE ACRES AND PRODUCE MORE BUSHELS OF CORN PER ACRE AT LOWER COST BY USING THE "BEATRICE TWO-ROW CULTIVATOR."

WE PROVE WHAT WE ADVERTISE—YOU CAN MAKE MORE MONEY.

WRITE TODAY FOR FREE CATALOG THAT TELLS HOW.

BEATRICE IRON WORKS, BOX Q BEATRICE, NEBRASKA, U.S.A.

DON'T BE HUMBUGGED!

Gabel's Pig Forceps are sold on 30 days' free trial, guaranteed to do the work where all others fail or money will be refunded. \$1.25 buys our 80 E Z, with a guarantee to be worth ten times as much as any forceps not manufactured by us. Make us prove it or refund your money. Agents wanted. References, Bradstreet's Agency and First State Bank, Hawkeye. **GABEL MANUFACTURING CO., HAWKEYE, IOWA.**

Readers Market Place

Advertising "bargain counter." Thousands of people have surplus items or stock for sale—limited in amount or numbers hardly enough to justify extensive display advertising. Thousands of other people want to buy these same things. These intending buyers read the classified "ads"—looking for bargains. Your advertisement here reaches over a quarter of a million readers for 25c a line for one week; 50c a line for two weeks; 75c a line for three weeks; 80c a line for four weeks. Additional weeks after four weeks, the rate is 20c a line per week. Count 6 words to make one line. No "ad" taken for less than 50c. All "ads" set in uniform style, no display. Initials and numbers count as words. Address counted. Terms always cash with order. **SITUATIONS WANTED** ads, up to 25 words, including address, will be inserted on this page free of charge for two weeks, for bona fide seekers of employment on farms.

HELP WANTED.

YOU ARE WANTED FOR GOVERNMENT position, \$80 monthly. Annual vacations. Short hours. No "layoffs." Common education sufficient. Over 12,000 appointments coming. Influence unnecessary. Excellent chance for farmers. Send postal immediate reply for free list of positions open. Franklin Institute, Dept. A88, Rochester, N. Y.

FREE ILLUSTRATED BOOK TELLS about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet A809. No obligation. Earl Hopkins, Washington, D. C.

LOCAL REPRESENTATIVE WANTED— Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-Operative Real Estate Company, 1473 Marden Building, Washington, D. C.

MALE HELP WANTED.

GOVERNMENT FARMERS WANTED— Examination April 10. \$60 monthly; many needed. Write, Ozment, 44F, St. Louis.

WANTED—A COMPETENT, WORKING foreman for my farm. We raise alfalfa and stock. Give references and salary. Reply to X. Y. Z., Chanute, Kan.

WANTED—MEN IN EVERY TOWN IN Mo., Kan., Ill., Neb., Okla., Ark. to take orders for nursery stock. Outfit free. Cash weekly. National Nurseries, Lawrence, Kan.

WANTED—RAILWAY MAIL CLERKS, rural and city carriers, postoffice clerks. Thousands needed. Examinations soon. Trial lesson free. Write, Ozment, 44 R., St. Louis.

SALESMEN—TO SELL HIGH-GRADE, guaranteed groceries at wholesale direct to farmers, ranchmen and all consumers. Earn \$4 to \$10 and up per day. A big chance to get into business for yourself. Save the buyer the retailer's profit. Every customer is a permanent one. Demand constantly increasing. Latest plans. K. F. Hitchcock Hill & Co., Chicago.

CATTLE.

FOR SALE—RED POLLED BULLS, 10 and 15 months old; Duroc Jersey sows and fall pigs. I. W. Poulton, Medora, Kan.

RED POLLS—27 YEAR BREEDER OF best farmers' cattle that live. Bulls for sale. D. F. Van Buskirk, Bluemound, Kan.

FOR SALE—REGISTERED HOLSTEIN cow, heifers, bull calves. The Oaks, Laclede, Mo.

FIVE JERSEY BULL CALVES FROM Register of Merit dams. Sire's dam, \$37 pounds butter one year. W. L. Hunter, Raymond, Neb.

FOR SALE—HEREFORD CATTLE, REG- istered bull, seven cows, mostly springers, three yearling heifers, one young heifer calf. Price, \$580. C. M. Stebbins, Devon, Kan.

FOR SALE—THIRTY HEAD OF CHOICE fawn colored Jersey cows, 3 to 7 years old, fresh and fresh soon. O. N. Himeburger, 307 Polk St., Topeka, Kan.

FOR SALE—A CHOICE REGISTERED Holstein bull, age 7 months. Come see him, see his sire, and see what his dam is doing. Backed with good A. R. O. records on both sides. Harry W. Mollhagen, Bushton, Kan.

CHENANGO VALLEY HOLSTEINS— High-grade, heavy producing dairy cows and heifers, fresh or near-by springers. Write your wants. Satisfaction guaranteed. F. J. Howard, Bouckville, New York.

FOR SALE—DOUBLE STANDARD Polled Durham bulls. Also, the herd bull. You Know X5624, S. H. 276023. He is a great breeder and a sure dehornor. C. M. Albright, Overbrook, Kan.

JERSEY CATTLE, COLLIES, POLAND Chinas and White Wyandottes; cockerels and eggs for sale; Scotch Collie puppies for sale, females. U. A. Gore, Seward, Kan.

ALYSDALE SHORTHORNS—THREE extra good bulls for sale; 16 months old. Sired by Archer's Victor 292012. Two red, one dark roan, also some high-class cows and heifers. Farm close to Topeka. Address or call upon owner. C. W. Merriam, Columbian Building, Topeka, Kan.

HORSES AND MULES.

SHEPHERD PONIES—WRITE FOR price list. Chas. Clemmons, Coffeyville, Kan.

FOR SALE—20 HEAD JACKS AND 15 head Jennets, all registered in American Jack Association. Percheron stallion, 5 years old, dapple gray, sound and right. Colts to show. Will trade this horse for mares or fillies. D. J. Hutchins, Sterling, Kan.

Red Polled Bulls. H. L. Pellet, of Eudora, Kan., has 18 young bulls for sale, yearlings and 2 year olds. They are all registered and from the best Red Polled families. Please look up advertisement and write for prices. Mention Kansas Farmer.

HOGS.

FOR SALE—O. I. C. PEDIGREED PIGS— 3 months, \$15. F. Greiner, Billings, Mo.

DUROC SOWS AND PIGS. BRONZE turkeys finely marked. Barred Rocks and Brown and White Leghorns. J. M. Young, Fall River, Kan.

DOGS.

FULL BLOOD BOSTON BULL PUPS— H. L. Ferris, Osage City, Kan.

SCOTCH COLLIE PUPS, FINE WORK- ing stock. Males, \$8; females, \$5. Mrs. Helen Lill, Mt. Hope, Kan.

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

SEEDS AND PLANTS.

BERMUDA—FREE BOOKLET. WRITE Mitchell & Son, Chandler, Okla.

COWPEAS FOR SALE—EDWARD NU- lik, Caldwell, Kan.

CHOICE NON-IRRIGATED ALFALFA seed, \$8 per bu., sacks free. Wallace Libbey, Larned, Kan.

CLEANED SEED FOR SALE—ALFALFA and White Kafir corn. T. W. Allison, Florence, Kan.

CHOICE FIRST CROP ALFALFA SEED— No weed seed. Samples free. \$8 per bu. L. S. Kirkham, McAllister, Kan.

WANTED—ALFALFA HAY. CARLOAD lots. State quality and price. Borden Stock Farm, Tonti, Illinois.

STRAWBERRY PLANTS—SENATOR Dunlap, self-fertilizing, 40c 100. M. Cowen, Hopkins, Mo.

GIANT-BLACK-HULLED-WHITE KAFIR corn. Selected 15 years for early ripening. Guaranteed pure. Chas. Mitchell, Route 1, Lafontaine, Kan.

ALFALFA SEED—1911 CROP, \$8.50 PER bushel, f. o. b., Lebanon, Neb. Sacks, 25c. Write for sample. M. J. Walters, Lebanon, Neb.

ASH GROVE ALFALFA SEED—\$10 PER bushel; sacks free. Non-irrigated, guaranteed free of dodder and Russian thistles. K. C. Knudson, Gem, Kan.

CHOICE KAFIR CORN SEED— Threshed. Giant Black Hull, White or Red. Stored in head; never been hot. Satisfaction guaranteed. Price, \$1.50 per bushel, sacked, delivered on cars. H. W. Smith, Buxton, Kan.

ALFALFA SEED—OFFER EXTRA quality alfalfa seed, non-irrigated, \$9.00 bu., delivered any station in state Kansas. Sack free. Sample sent on request. L. A. Jordan, Winona, Kan.

UNWASHED WATERMELON SEED— Guaranteed pure, grown by originator. Halbert Honey, oz., 10c; lb., \$1.10. Rubber Rind, oz., 20c; lb., \$2. H. A. Halbert, Coleman, Texas.

SEED CORN FOR SALE—CAREFULLY selected and graded. Reid's Yellow Dent, Shenandoah Yellow, Yellow 90-day corn, Light Yellow 85-day corn, Boone County White Corn, White Elephant, Imperial White, Iowa Silver Mine, Extra Early 85-day White Dent, Red 90-day corn. Write for prices and descriptions. Everman & Everman, Route No. 5, Gallatin, Mo.

REAL ESTATE.

FOD SALE—80 A. ALFALFA LAND. IF interested write for list of ten 80 acre tracts near Salina. V. E. Niquette, Salina, Kansas.

60 ACRES, 5 MILES S. W. FROM center of Topeka, \$115 per acre. W. R. Axtell, R. R. 7, Topeka, Kan.

SELL YOUR PROPERTY QUICKLY FOR cash, no matter where located. Particulars free. Real Estate Salesman Co., Dept. 77, Lincoln, Neb.

BEAT IT—IMPROVED LOGAN COUN- ty, Kan., alfalfa and stock farm, 160 acres, \$2,500; \$1,000 cash; balance time. Florida Everglade bargains. H. M. Davis, Ft. Lauderdale, Florida.

FOR SALE—IMPROVED LANDS, CEN- tral Missouri, \$10 to \$40 acre, easy terms; mild, healthful climate, fruit and grazing lands. Circular free. Bakeman & Press, Richmond, Mo.

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

MISCELLANEOUS.

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

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

FINE LEAF TOBACCO FOR SALE. Send stamps for free samples. W. L. Parks, Adams, Tenn.

PRICE YOUR TWO-ROW LISTER ON cars, in good order. Supt. Haney, Boone, Colo.

SEND US YOUR OLD AUTO TIRES—WE re-tread, making them good as new for half the price of new tires. Write for prices. White's Tire Shop, Topeka, Kan.



Medium-Priced Clothes with Service Guaranteed

WHEN you buy Cloth- craft Clothes at \$10 to \$25, ready to wear, you can be just as sure of quality as if you had paid much more.

The Clothcraft guarantee in the pocket of every Clothcraft coat is

backed by dealer and maker. It assures absolutely pure wool cloth; first-class trimmings and workmanship; permanent shape; satisfactory wear and service.

Go to The Clothcraft Store and see the variety of good patterns represented. See how well the clothes fit. Ask particularly to see and try on the

CLOTHCRAFT Blue Serge Special No 5130 GUARANTEED ALL-WOOL \$15 AND FAST COLOR

It's made of the best blue serge we've ever put into a \$15 suit, in more than sixty years of clothes-making. It will compare favorably with suits at much higher prices—in tailoring as well as in fabric and looks.

If you don't know a Clothcraft Store, write us direct for the Spring Style-Book, a sample of the 5130 serge, and the name of the nearest dealer.

THE JOSEPH & FEISS CO.

Founded 1850—Oldest American Manufacturers of Men's Clothes 641 St. Clair Avenue, N. W. Cleveland

member present and forwarded to the Kansas Senators and Congressmen at Washington. Similar action was taken on the parcels post law.

The invitation of the Topeka Commercial Club to the members of the Grange to unite with the Club under the special arrangements by which farmers are admitted without the \$10 initiation fee and at only one-half the regular annual dues, was presented, and the members who desired to accept were instructed to give their names to the secretary.

Secretary E. Leneberger, who furnished the above facts, also states that great interest is taken in all questions brought before the Grange, and predicts that great good will result through its organi-

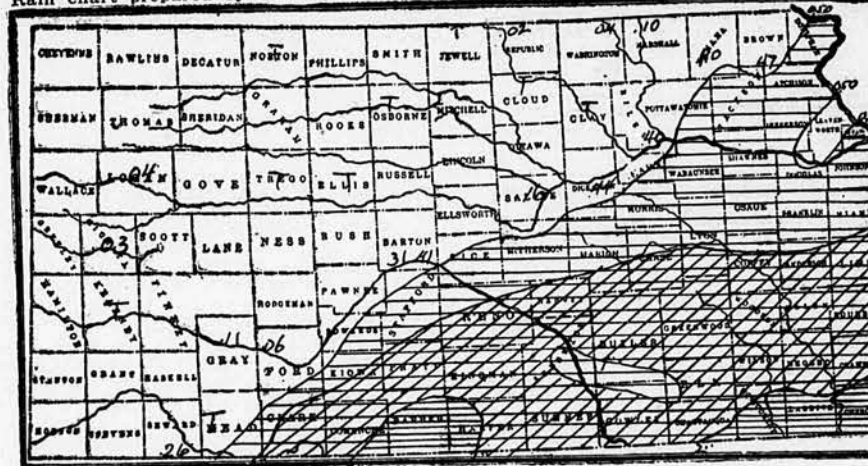
zation in this community. A paper on "Good Roads and How to Get Them," was presented by Secretary Luenberger, and will be published in KANSAS FARMER.

In England and Canada, roots are considered an essential part of the feeding rations for cattle and sheep. When compared with silage as a succulent ration, the results are about the same, though cattle fed on silage required 763 pounds of digestible matter for each 100 pounds of gain, while those fed on roots required 900 pounds. The cost of production is much in favor of the silage and the beef cattle finish better on it.

Manure is a most valuable part of the harvest.

KANSAS CROP REPORT

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



UNITED STATES WEATHER OBSERVER'S REPORT BY COUNTIES.

SCALE IN INCHES: Less than .50. .50 to 1. 1 to 2. 2 to 3. Over 3. T. trace.

Allen.—Excessive rains have delayed plowing. Neosho river at flood stage on March 29 and April 3.

Anderson.—No farming or gardening done yet. Blue grass growing.

Barber.—Only small acreage of oats sown. Wheat good. Ground in fine condition.

Barton.—Ground in fine condition. Some wheat damaged by wind and freezing. No oats or barley sown yet.

Butler.—Farm work backward. Apples reported fair. Peaches and pears doubtful.

Clark.—Ground too wet to farm.

Clay.—Farmers report 75 to 80 per cent of wheat killed.

Coffey.—Season three weeks late. Ground too wet to work. Wheat good. No oats sown.

Crawford.—Too wet to farm. Blue grass growing. Feed scarce. Half crop of pigs.

Decatur.—Wheat and alfalfa growing. Early wheat badly damaged. Feed scarce.

Dickinson.—Wheat in fine condition.

Douglas.—Wheat looks fine. Blue grass and alfalfa growing. No potatoes planted yet.

Ellis.—First field work started April 2.

Elk.—Too wet for farm work. Can commence next week. Wheat looks good. Rough feed about gone.

Gray.—Wheat looking good. No oats or barley sown yet. Ground almost dry enough to work.

spring crops. Season late for oats.

Leavenworth.—Plowing started April 3.

Lincoln.—Ground too wet to farm. Roads bad. Wheat in good condition.

Logan.—Wheat in fine shape. Feed scarce. Considerable loss of cattle. Seeding almost over.

McPherson.—No farm work done so far.

Marion.—Ground almost dry enough to work. No oats sown. Wheat fine.

Marshall.—Ground too wet to work. Roads very bad. Grass starting.

Mitchell.—Ground in good condition.

Montgomery.—Latest spring on record. Ground too wet to work. Stock and feed scarce.

Nemaha.—Ground too wet to work. Wheat badly damaged.

Norton.—Wheat looking fine. Potatoes being planted.

Osborne.—Wheat looking good. Feed very scarce. Oats being sown.

Ottawa.—Early wheat badly damaged. Late wheat shows up well.

Pratt.—Wheat in fine condition. No oats sown yet.

Republic.—Fall sown wheat damaged. No oats sown yet. Spring work late.

Reno.—Ground in excellent condition.

Russell.—Ground in good condition for plowing. Grass growing.

Saline.—Wheat and alfalfa growing. Spring work started.

Sedgwick.—Season a month late. Ground too wet to plow. Alfalfa fields still brown.

Seward.—Late spring. Plowing just starting.

Sheridan.—Wheat looking fine.

Smith.—Ground too wet to plow. Grass growing.

Stafford.—Wheat coming out fairly well.

Washington.—Fields will soon be dry enough to work. Much wheat winter killed.

Wichita.—Ground in good shape. Wheat looking good. Spring farming begun.

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SINGLE COMB BUFF ORPINGTONS. Eggs, \$1.50 per 15; \$6.00 per 100. Free range. Mrs. O. Russell, Canton, Kan., R. 2.

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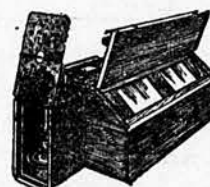
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SINGLE COMB REDS—100 EGGS, \$3.50. Gertrude Haynes, Meriden, Kan.

S. C. RHODE ISLAND REDS—THE poultry for profit. Eggs, 75c for 15; \$4 per 100. J. A. Clark, Route 3, Marysville, Mo.

PURE S. C. REDS—EGGS, \$1 PER 15; \$5 per 100. J. R. McDowell, Braddyville, Iowa.

ROSE COMB REDS—PRIZE WINNERS. Pen eggs, \$2-\$1 per 15. Mrs. W. G. Prather, Eureka, Kan.

PURE-BRED R. C. R. I. REDS—DARK, rich Reds; red eyes. Eggs, \$1 15; \$2.50 50; \$5 100. Nora Luthye, R. 6, N. Topeka, Kan.

ROSE COMB RHODE ISLAND REDS—High scoring. Eggs, \$2 per 15; range, \$3.50 per 100. E. H. Thomas, Emporia, Kan.

SINGLE COMB RHODE ISLAND RED eggs, \$3.00 per 100, \$1.00 per 30. Mrs. Rosa Janzen, Route 3, Geneseo, Kan.

PRIZE WINNING REDS THAT LAY eggs, both combs, \$1 per 15. W. G. Goerner, Box 144, Kingman, Kan.

S. C. RHODE ISLAND REDS—PENS scoring 90 to 94. Eggs, \$2 to \$5—15. C. E. Florence, El Dorado, Kan.

EGGS FROM WINTER LAYING, PRIZE winners Reds and Runner ducks; fertility guaranteed. Mrs. W. B. Divine, Lamar, Mo.

ROSE COMB REDS—EGGS FROM choice birds, 30, \$2; 100, \$4.50. John A. Reed, Lyons, Kan.

ROSE COMB RHODE ISLAND REDS. Prize winners at Kansas City, Topeka, Leavenworth and elsewhere. Eggs, \$3.00 per 15. Send for mating list. Fred T. Nye, Leavenworth, Kan.

ROSE COMB REDS—YARD A, HEADED by Red Boy, son of Kansas City Boy, valued at \$500. Eggs, \$5 per 15. After April 1, \$3. Write for matings. Amy Bartlett, Lone-Jack, Mo.

PURE BRED POULTRY

RHODE ISLAND REDS.

ROSE COMB REDS—EGGS FROM PURE-bred range flock, 100, \$4; high scoring pen eggs, \$2 per 15. Mrs. B. F. Weigle, Winfield, Kan.

CHOICE ROSE COMB REDS AND standard bred Indian Runner ducks. Eggs for hatching, \$1.50 per setting. Mrs. I. J. Swain, Malvern, Iowa.

ROSE AND SINGLE COMB RHODE Island Red eggs for hatching. First pen, 75c for 15; second pen, 50c. F. B. Severance, Lost Springs, Kan.

EXTRA BIG BONED PRIZE WINNING deep red R. C. Reds, score 91 to 94. Cockerels, pullets, eggs, circulars. Highland Poultry Farm, Hedrick, Iowa.

NEOSHO POULTRY YARDS—ESTAB-lished in 1882. Rose Comb R. I. Reds. Pens headed by males red from head to tail. Score up to 93. J. W. Swartz, Americus, Kan.

FREE MATING LIST, BOTH COMBS. Booklet on breeding Reds, 25 cents. Females for sale at all times; a few cockerels left. Eggs, \$5.00 to \$10.00 per 100. The leading strains represented. Mrs. F. W. McIntyre, Red Oak, Iowa.

ROSE AND SINGLE COMB RHODE Island Reds. We have bred them in line for 10 years. Ten matings to furnish eggs for hatching. Fertility and safe arrival guaranteed. Free mating list, with prices within the reach of all. H. A. Sibley, Lawrence, Kan.

ROSE COMB REDS—COLUMBIAN Wyandottes. Winners and heavy layers. Won again 45 prizes at two shows this winter. Also, Golden Seabright Bantams and Indian Runner Ducks. Eggs, \$1 to \$5 per 15. Mating list free. A. D. Willems, Minneola, Kan.

FOR SALE—ABSOLUTELY THE BEST prize winning Rose Comb Rhode Island Reds, line bred from stock that has been winning first at Chicago for years. Stock, \$3 to \$25 each. Eggs, \$1 to \$5 per setting. Babies, 15c. C. R. Colwell, Smith Center, Kan.

PEDIGREED S. C. R. I. REDS—FIRST pen, hens; sire Advance III, first, and dams second at Madison Square. Mated to direct descendant of Red Cloud. Extra quality. Eggs, cut prices, \$8 per 15. Second pen headed by grandson of Advance with extra pullets; \$5 per 15. E. B. Cramblit, Ames, Ia.

PRIZE WINNING REDS—ACCORDING to Secy'. Borders, won 45 premiums at Kansas State Show. Over twice as many as any other exhibitor in 6 years. Both combs. Fine cockerels, cheap for quick sale. Eggs for hatching. Robt. Steele, Route 7, Topeka, Kan.

LANGSHANS.

BLACK LANGSHANS—EGGS, 15, \$1.50; 100, \$7.50. Baby chicks, 15c each. Mrs. Geo. W. King, Solomon, Kan.

EGGS—PURE BLACK LANGSHANS, mated with cocks that score 92 to 93, \$1.25 per 15, \$2 per 30. E. D. Osterfoss, Peculiar, Mo.

FOR SALE—IMPERIAL BLACK LANG-shan eggs, from prize winning stock of the leading shows. Also, Indian Runner duck eggs. Martha Haynes, Grantville, Kan.

BUFF AND BLACK LANGSHANS—Black Langshan hens score to 96½, pullets 96½, chicks 96, ck. 95. Fifty chicks on hand. Price and mating list ready. J. A. Lovette, Mullinville, Kan.

ANCONAS.

MOTTLED ANCONAS—GOOD QUALITY, fine layers. Eggs, \$1.50 per 15. Carl Sandfort, Humboldt, Neb.

PRIZE WINNING MOTTLED ANCONAS. The famous winter layers. Eggs and baby chicks. Write for circular. W. H. Hardman, Frankfort, Kan.

ANCONAS, "BLUE RIBBON STRAIN"—None better, few as good. Catalogue, with photos from life, free. Erle Smiley, Beaver Crossing, Neb.

HAMBURGS.

PURE-BRED SILVER SPANGLED HAM-burgs—Strictly non-setters; best layers of all chickens. Trios, \$5; eggs, \$2.50 for 15. We solicit your orders. Barber Poultry Yards, Butler, Ind.

BABY CHICKS.

CHICKS—S. C. BROWN LEGHORNS—\$5 per 50. Eggs, \$3.50 per 100. Winter laying strain. Carl L. Haug, Rt. 1, Galena, Kan.

BABY CHICKS—HEN OR INCUBATOR hatched. Rocks, Reds, Orpingtons, Wyandottes, Leghorns. Eggs. Get our circular. Kansas Poultry Co., Norton, Kan.

DUCKS AND GESE.

CHOICE INDIAN RUNNER DUCK EGGS, \$1 per 15. Mrs. E. M. Jones, Granger, Ia.

BUFF ORPINGTON DUCK EGGS FROM choice stock. Mrs. Frank Snyder, Portland, Ind.

FOR SALE—EGGS FROM STANDARD Fawn and White Indian Runner ducks, 50 for \$3. Satisfaction guaranteed. Mrs. M. Gwinn, Route 7, Anderson, Ind.

INDIAN RUNNER DUCKS, PURE FAWN and white, heavy layers of white eggs. Eggs, \$1.50 for 15; \$5 for 100. Mrs. Annie E. Kean, Route 1, Carlton, Kan.

INDIAN RUNNER DUCK EGGS FROM my flock that lays all white eggs, \$1 per 13, \$1.50 per 26, \$2 per 30. Correspondence solicited; satisfaction guaranteed. Henry L. Horning, Elkhart, Ind.

INDIAN RUNNER DUCKS, NEW Standard, fawn and white. State Fair winners. Score 94 to 96. Eggs, \$1.50 and \$2 per 13. Dr. E. H. Killian, R. F. D. 2, Manhattan, Kan.

PURE BRED POULTRY

EGGS.

HARRIS POULTRY CO., TOPEKA, KAN. Eggs for hatching from all of the leading breeds. Ask for catalog.

EGGS FROM GOOD RANGE FLOCK Rose Comb Reds—100, \$4; pens, 15, \$1.25. Mrs. Fred Yausel, Baker, Kan.

BOURBON RED TURKEY EGGS—FROM 2 and 3-year-old prize winning breeding stock. Write for prices. Alfred A. Nieweg, Lois, Mo.

TURKEY EGGS—NARRAGANSETT, Bourbon Red, \$3.50 per 11. White Holland, Mammoth Bronze, \$3 per 11. S. Durigg & Son, Armstrong Mills, Ohio.

WHY SELL EGGS WHEN CHEAP? PRE-serve them for higher prices and get rich. I will send you 3 different methods for 25c, stamps or silver. Money back if eggs fail to keep for 1 year. Address, R. E. Bristol, Dept. H, Vermillion, Ohio.

FOR SALE—HIGH-GRADE EGGS FOR hatching—Cheap. From Buff and Barred Rocks, White and Black Orpingtons, Indian Runner Ducks, Bourbon Red Turkeys; also, high-grade Collie pups, male and female. Address, F. M. Kern, Springfield, Ind.

S. C. RED EGGS—CAREFULLY SE-lected from rich, red, heavy layers, \$7 per 100. Won two firsts, two seconds in four entries Missouri State, 1912. Mating list free. Baby chicks, cheap, April 1. May Felton, Blue Mound, Kan.

TURKEYS.

BOURBON RED TURKEY EGGS, \$3 PER 11. Mrs. J. D. Gibson, Hamilton, Mo.

FOR SALE—BOURBON RED TURKEYS' eggs, 9 for \$2.50. Mrs. J. E. Bundy, Goodrich, Kan.

W. H. TURKEY TOMS, \$5; W. H. TUR-key eggs, \$2 per 10; W. Guinea eggs, \$1 per 13. F. E. Wentz, Burlington, Kan.

PERKINS' M. B. TURKEYS—HAVE 2 OF the best pens in state, headed by "Champion" and "Ive's Boy," scoring 97 and 94 points. Champion holds championship of Missouri and Kansas, winning six firsts and never defeated. Eggs, first pen, \$10; second pen, \$5 per setting. G. W. Perkins, Newton, Kan.

BUFF COCHINS.

BUFF COCHIN EGGS—FROM FIRST pen, \$3 per 15; second pen, \$2. Housel, Smith Center, Kan.

CORNISH FOWLS.

EGGS FROM GOOD UTILITY FLOCK, \$2 per 15. Few good cockerels left; cheap. L. C. Horst, Newton, Kan.

CHICK FEED.

CHICK-O—A BALANCED RATION OF seeds and cracked grain for baby chicks. Write us. D. O. Coe, 119 E. Sixth St., Topeka, Kan.

SEVERAL BREEDS.

HARRIS POULTRY CO., TOPEKA, KAN., can furnish you anything you need, either in poultry or poultry supplies.

R. I. REDS AND BUFF ORPINGTONS—Eggs, \$1 to \$2 15; \$6 to \$9 100. Mrs. F. A. Fulton, El Dorado, Kan.

EGGS FOR HATCHING—SINGLE COMB Buff Orpingtons, Toulouse geese, Indian Runner ducks. Mating list free. Peter A. Brehm, Harvard, Neb.

EGGS—FAVORITE ROCKS—EGGS—From prize winning Buff, Partridge, Columbian and White Ivory Plymouth Rocks. Large White Ivory cockerels at \$3, \$5, \$10.

BUFF ORPINGTONS, WHITE ROCKS, White Wyandottes, Rose Comb Rhode Island Reds, Barred Rocks. Eggs, \$1.50 for 15. All prize winners. Mrs. Thomas L. Anderson, R. 1, Coffeyville, Kan.

EGGS FOR HATCHING FROM WHITE and Buff Wyandottes, White and Buff Plymouth Rocks, Rose Comb Rhode Island Reds, Buff Orpingtons and Black Langshans. A few cockerels left yet. E. E. Bowers, Bradshaw, Neb.



EGGS FOR HATCHING White Leghorns and Buff Orpingtons. Farmers' prices. Baby chicks. Circular free.

PAUL TAGGART, White City, - Kansas.

TOULOUSE GESE EGGS, \$1.50, 7; Bronze Turkey eggs, \$1.75, 11; Black-White Langshans, Barred Rocks, Houdans, \$3.50, 50; S. C. Brown Leghorns, \$2.50, 50; Rouen Ducks, \$1.50, 11 eggs. W. L. Bell, Funk, Neb.

SUNNY DELL FARM HAS EGGS FOR hatching from the following: Bourbon Red turkeys, \$2.50 per 11; S. C. R. I. Red chickens, \$1 and \$1.50 per 15, \$5 per 100; S. C. B. Leghorns, \$1 per 15, \$4 per 100. All extra fine panned, scored and prize winners. Satisfaction guaranteed. T. I. Woodall, Fall River, Kan.

EGGS! EGGS—FROM TURKEYS, TOUL-ouse and White Emden geese, Rouen, Pekin, Muscovy and Runner ducks, Rhode Island Reds, Leghorns, Houdans, Wyandottes, Hamburgs, Orpingtons, Games, Plymouth Rocks, Langshans, Cochins, Pearl and White guineas, Bantams. Hen eggs, 15 for \$1; by the 100, reasonable. Also, dogs, rabbits and fancy pigeons. Write for free circular. D. L. Bruen, Platte Center, Neb.

CHOICE STANDARD BRED PEKIN, Rouen and Runner Ducks; White, Buff, Golden, Silver Partridge and Columbian Wyandottes; White, Buff, Barred Rocks; Rose and Single Comb Brown, White and Buff Leghorns; Reds and Buff Orpingtons; Buff, White and Partridge Cochins. \$2.50 single birds, \$4.50 pairs, \$6.00 trios. Toulouse Geese, \$4 single, \$10 trio. Bronze Turkeys, toms, \$6; hens, \$4. Geo. Hartman, Box 505, Freeport, Ill.

FIELD NOTES

FIELD MEN.

Wayne Devine.....Topeka, Kan.
Jesse H. Johnson.....Clay Center, Kan.
W. J. Cody.....Topeka, Kan.

PURE BRED STOCK SALES.

Angus Cattle.
May 16—E. M. Gates, La Plata, Mo.

Holstein Friesians.
May 2—W. G. Merritt, Great Bend, Kan.

Aberdeen Angus Cattle.
April 30—American Aberdeen-Angus Breeders' Association sale at Omaha, Neb. Chas. Gray, secretary, Chicago.

May 2—American Aberdeen-Angus Breeders' Association sale at Chicago. Chas. Gray, secretary, Chicago.

Poland Chinas.
May 14—Nevius & Wedd, Chiles, Kan.

May 15—Matt Alton, Erie, Kan.

August 7—J. B. Lawson, Clarinda, Ia.

August 7—Evening Sale, L. R. McLaron, Braddyville, Ia.

August 8—J. W. Pfander & Sons, Clarinda, Ia.

August 9—J. O. James, Braddyville, Ia.

Sept. 27—John T. Curry, Winchester, Kan.

Oct. 15—H. B. Walter, Edinburg, Kan.

Oct. 16—H. C. Graner, Lancaster, Kan.

Oct. 17—J. H. Baker, Butler, Mo. Sale at Appleton City, Mo.

Oct. 17—M. T. Williams, Valley Falls, Kan.

Oct. 19—W. H. Charters, Jr., Butler, Mo.

October 22—Jacob Sparks, Pattonburg, Mo.

Feb. 8—W. H. Charters, Jr., Butler, Mo.

Duroc Jerseys.
July 26—E. W. Davis & Co., Glenwood, Mo.

W. A. Prewitt Buys Herd Bull.

This week C. J. Woods, of Chiles, Kan., sold to W. A. Prewitt, of Asherville, Kan., a very promising 2-year-old Polled Durham bull, sired by Roan Hero and out of Golden Princess, both by Golden Crown. This is a rich Scotch pedigree, coming from a line of show cattle on both sire and dam. Mr. Prewitt is a friend and an advertiser with Kansas Farmer and now has 12 head of registered Polled Durham cows.

Jersey Bull for Sale.

Johnson & Nordstrom, Jersey breeders of Clay Center, Kan., change their card and offer for sale their herd bull, Comeris Eminent. This bull has sired a very choice lot of helpers for his present owners, and some of them are now about old enough to breed. The herd is too small to justify them in keeping two bulls, so in order to make the change they offer this one for sale. He was sired by Eminent Rosette, a son of Imp. Rosetta's Golden Lad and Imp. Financial Queen, a cow with a record on the island of making 1 pound 12½ ounces of butter with first calf, and 58 pounds of milk with third calf. The dam of Comeris Eminent was sired by Guenon, a bull toward which was good enough that her owner refused \$1,000 for her. Write Johnson & Nordstrom about this bull.

The Ransomerian School.

There is a new school in Kansas City which is meeting with wonderful success. It has for its president and founder Mr. C. W. Ransom, author of the Ransomerian System of Penmanship and Expert Business Training which has grown in a few years from a simple home study course to a standard method of instruction recognized by the best commercial colleges, high schools, etc., and has been adopted by the Kansas City public schools and by 25 counties in Missouri, including the largest cities of the state. Ransomerian instruction goes to the root of things, cuts corners, puts practical ideas into the learners' work and provides him eventually with a fund of real helpful, useful knowledge which will always be a valuable business asset to him. The school occupies one whole floor of the Minor building, and is meeting with splendid success. This school is worth looking into by our readers who are looking toward holding the best positions. Address, The Ransomerian School, Minor Building, Kansas City, Mo.

Col. Moss B. Parsons, Auctioneer.

The card of Col. Moss B. Parsons, of Lawton, Mo., commences in this issue of Kansas Farmer. Col. Parsons has had a number of years experience as a pure-bred stock auctioneer, and has a long list of very successful sales in Missouri and neighboring states to his credit. He is not only an experienced pure-bred stock salesman and thoroughly versed in pedigree breeders and, at the present time, is breeding Percheron and Belgian horses and Mammoth Jacks. He also owns one of Missouri's good herds of big type Poland China hogs. His herd is headed by King of Missouri by Long King's Equal, dam Catherine 3d, a granddaughter of the famous Lady Jumbo 1st. A lot of high quality Long John, Expansion, Long King, Big Bone Mouw, Big Jumbo and sows of other big type blood lines make up a sow herd that is second to none. Write Mr. Pearson for dates for your fall sales. You will find his terms reasonable.

Gopher Death.

Now is the best time of the year to get after gophers, prairie dogs and other ground squirrels. It is estimated by the Department of Agriculture that the annual loss by rats is \$56,000,000. On the farm we have the gopher family as well as rats to help with destruction of crops. Much corn is too thin because the seed is dug up by gophers. Many fields of wheat, oats and barley are too thin because gophers carry off bushels of the seed. Many meadows are ruined by pocket gophers. Many orchards and gardens are despoiled by their ravages. They not only rob the seed and shorten the crops, but they rob them while growing and when matured. To rid a country of gophers of any kind the entire neighborhood should labor together to that end. No person unskilled in mixing poisons should take any chances. Mr. R. W. Crawford, Ft. Dodge, Iowa, a chemist of 50 years' experience, has discovered a preparation he calls "Gopher Death" which has gained an international reputation in the six years it has been on the market. Unlike most preparations of this kind it is not costly. It is put up in tablet form, and a package containing 1,400 tablets costs only \$1.25. It is for sale at most drug stores, or will be sent direct to you by the Ft. Dodge Chemical Co., Fort Dodge, Iowa. On request a booklet describing "The Rodents of North America" will be mailed free, postpaid. When writing mention Kansas Farmer.

(Continued on page 20.)

BARGAINS IN LAND

193 ACRES IN MONTGOMERY COUNTY—Price, \$7,000. 3 1/2 miles from town. 140 acres all good farm land, sandy loam soil, 20 acres in timber along small creek, which is in pasture, exceptionally well fenced, 2-room house, and small stable, 1/4 mile to school, building costing \$12,000. Will trade for clear residence income property or land. R. H. BURNS, 718 Kansas Avenue, Topeka, Kan.

A GOOD FARM AND STOCK PROPOSITION—6 miles from Kingman, 400 acres, with 160 well improved, 140 cult., good buildings, silo, etc. Price, \$42.50 per acre. Then we will assign lease to 560 acres adjoining, grass land, not for sale. Rent, \$225 per year. Call on THE MOORE LAND CO., Kingman, Kan.

FOR SALE OR TRADE FOR KANSAS Wheat Land—1,086 acres, well improved farm, in Bates County, Mo.
A. J. ERHART & SONS, Adrian, Mo.

SNAP—Fine farm, finely imp. 1/2 mi. town; 35 a. past., bal. cult. Nice smooth, level, no waste land. Fine home. Price \$55 per a. Write GILE & BONSALL, South Haven, Sumner Co., Kan.

WOULD YOU SELL

If so, drop me a card for my new plan of selling real estate.
J. M. DEVER, Clay Center, Kan.

IF YOU HAVE \$500 OR MORE to invest in good land, write for our list or come out and let us show you what we have. We offer best inducements in Kansas to the investor. MARRS & DAY, Meade, Kan.

100—FARMS—100

Improved and unimproved, at bargains. Desirably located.
THOS. DARCEY,
Real Estate and Insurance, Offerle, 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.

C. W. CARSON, ASHLAND, KANSAS. (Established 1885.)

I have bargains in wheat and alfalfa lands, and stock ranches, that cannot be beat. It will pay you to write me before buying. Clark county is rapidly coming to the front as a grain producer.

READ THIS BARGAIN

320 ACRES fine land, well improved, leased for oil and gas at \$320 per year. Price, \$16,000. Get our list. WM. ROBBINS, Thayer, Kan.

BUY AN IMPROVED, IRRIGATED FARM in semi-tropical Texas. Disondale farms sold equipped "ready to move on." This means land cleared, fenced, watered and house built according to your own plans. Easy terms. Write for particulars. A. DELCAMPRE, Carrizo Springs, Texas.

GREENWOOD CO. 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.

SOUTHEAST KANSAS. Mild Climate. Rich Soil. Plenty of Water. We have bargains in farms, 80, 160 and 320 acres. Also, some good pasture land. We sell cheap for cash on good, reasonable terms. We also have tracts of different kinds and sizes to exchange for merchandise or rental property. Write us your wants. LONG BROS., Fredonia, Kan.

ACT QUICKLY FOR THIS.

Farm of 240 a., 7 mi. from city, all fenced and cross-fenced, 90 a. in cult., 50 a. hog-tight, bal. native grass meadow and pasture. Fine 2-story house, good barn, feed lots, cribs, etc.; large bearing orchard; plenty of good water; half mi. to school, good road to town. Easy terms. \$30 per a. Fine bargain. Write quick.

W. A. NELSON,
Fall River, Kan.

BUTLER, HARVEY AND SEDGWICK BARGAINS.

Genuine Snap. 160 a., near good town, 1 mi. to school, all tillable, 80 a. in cult., 15 a. meadow, bal. pasture, all fenced, family orchard, nice grove, good 7 r. house, all necessary bldgs. Price only \$40 per a.; easy terms. Write for new list and Kansas map. Eberhard & Mellor, Whitewater, Kan.

BEST TOWN TO LIVE IN.

If you would like to live in the most beautiful city in the West, with unsurpassed educational, business and religious advantages, in a city clean, progressive, where real estate values are low but steadily advancing, where living expenses are reasonable, a city with natural gas at lowest price, address the
SECRETARY of the COMMERCIAL CLUB,
Topeka, Kansas.

ESTATE FOR SALE.

Buy direct and save commissions. 460 acres of fine valley land; 3 miles from county seat, best town in the gas belt. Gas belongs to land; revenue of \$250 to \$300 per year. Well improved; nice house, large barn; 160 acres now under cultivation, balance fine blue steam meadow and pasture. Want to sell by March 1. Quick cash price, \$45 per acre. Lock Box No. 926, Fredonia, Kan.

A REAL BARGAIN. 128 a., well improved, 90 a. cultivation, 40 a. pasture, all tillable, all level, black loam soil, 12 miles from Wichita. Price, \$75 per acre. It is worth more money. Write today or come and see me. E. S. BRODIE, Wichita, Kan.

FOR SALE

1,700 acres of my 4,400-acre ranch in Kearney County, Kansas, on the Arkansas River and Santa Fe R.R.; 700 acres alfalfa land, 100 acres in alfalfa; all fenced with three and four wires; 5-room frame house, stone basement; barn 25x50 feet, part stone basement; stock sheds with iron roof, all well built and 300 yards south of Sutton Flag Station; wells at house, barn and in pasture. Reason for selling: Too big for my foreman to look after. John Shinkle will show place. Price, \$20 per acre net to me. Can be in payments.
H. H. SMALLEY, Springfield, Mo.

BUY OR TRADE WITH US—Exchange book free. Bersie Agency, El Dorado, Kan.

FOR SALE—A good chicken ranch at Boulder, Colo. For particulars, address J. S. WAUGH, 1825 23d St., Boulder, Colo.

50 REPUBLIC COUNTY FARMS. All sizes, \$40 to \$100 per acre. Write for list.
S. M. PATTERSON, Belleville, Kan.

FOR SALE—110-ACRE HOG AND POULTRY farm, running water, and timber, 80 rods from county seat. D. C. Poole, Owner, Oberlin, Kan.

40 ACRES, 4 mi. from Kosoma, Okla., clear, all plow land, to exchange for restaurant stock, clear, well located. J. A. Kasparek, Belleville, Kan.

SAY! WATCH BARGAINS, KAY COUNTY, OKLAHOMA. Fine 160 a., 5 r. house, new barn, silo. A bargain at \$8,500. Write your wants. I've got it. List free.
E. E. GOOD, Newkirk, Okla.

880 ACRE RANCH IN FORD CO., KAN.—Desirably located and highly improved, alfalfa, wheat and stock. Price, \$35,000; half cash, balance terms to suit. Thos. Darcey, Real Estate Agent, Offerle, Kan.

FOR FARMS IN NEW YORK STATE and in 21 other states, east, west and south, address or call on B. F. McBurney & Co., 703 Fisher Bldg., Chicago, Ill., or 309 Bastable Block, Syracuse, New York.

HOMESTEADS

Homestead and Desert land relinquishments in Weld county, near Greeley, Colo. Claims in the rain belt or subject to irrigation, from \$100 to \$1,000 for 160 acres, unimproved and improved places. Write for particulars. WM. W. Lerimer, Box 834, Denver, Colo.

WELL IMPROVED 160 A., 4 mi. from Lyons, Kan., 2 1/2 mi. good market, 110 a. cultivation, 50 a. pasture, good 2-story house. If sold in 30 days, \$8,500 takes it. Terms. AIKEN, HARTONET & CO., Lyons, Kan.

FOR SALE OR TRADE.

A Good Creamery, located in a large town. Almost new. Also a good threshing outfit to trade for land. Also some fine irrigated land in the Laramie Valley, Wyoming, to trade for Kansas farms.

W. J. TROUSDALE, Newton, Kan.

160-ACRE RELINQUISHMENT—Extra fine land, small improvements; one of the choicest pieces in eastern Colorado, adjoining unimproved deeded land, selling for \$25 per acre. Take this under the new law, three years' residence, only 7 months out of year residence required. Price only \$1,250 cash; no trade. CARL M. COOK, Limon, Colo.

FOR SALE—328 acres, fine prairie land, all fenced and in cultivation, near Lake Charles, La., and 5 miles from two thriving towns on Southern Pacific railroad. This place is now rented for \$750 cash per year. Price, \$10,000; good terms. This is in the alluvial belt of Louisiana, the richest land in the world. Have many other bargains in Louisiana lands. CHANEY-O'MEARA LAND CO., 515 New England Building, Topeka, Kansas.

COME TO THE PEERLESS PRINCESS city and country, where we have everything America affords, and buy yourself a home while property is yet cheap, but as good as the best anywhere. Fine, modern homes in the city and ideal country homes on the farm and farms from 40 acres up, and from \$40 up. Ranches from 320 acres up, from \$22.50 per acre up. Write us your wants and we will find it for us, is all we ask. Johnson & Thompson, 319 Barnes Bldg., Wichita, Kan.

Adjoining Town

Good chance to buy 150 acres Saline Valley land. Every acre tillable and in cultivation, 7-room house, with furnace and cistern, large barn, hog house, two granaries, with wagon sheds, wash house and garage, orchard of bearing apple trees, 25 acres alfalfa, improvements, 2 blocks from graded school with high school course, 3 blocks from two churches, 1/4 mile to two elevators. Price, \$150 per acre. Write or call on owner. W. A. LISLEY, Culver, Ottawa County, Kan.

FOR SALE

Soldier Creek Park Ranch, Belvidere, Kiowa County, Kan., either as a whole, or cut up into farms. Prices and terms reasonable. It has taken forty years to put this property together and so create it, but now to go to the market.

Also, about two hundred fifty head of the most fashionably bred Hereford cattle (95% females), and about three hundred head Shorthorn and Polled Shorthorn cattle, and various other live stock, improvements, and implements.

If possible, this property will be realized upon during the present year. There is no property of its character equal to it in the Western country, for farming, grazing, or stock-raising purposes.

Prices and terms for everything, or any part of it, made by

F. ROCKEFELLER,
Osborn Building, Cleveland, Ohio.

Herd Boars With Quality.

S. P. Chiles, of Jefferson, Kan., has nine boars that are show prospects. They are sired by Sentinel, he by 2nd Impudence and out of dams by S. P. Perfection. These husky fellows are just right to show as senior pigs next September. If you need one in this class to fill out your herd, you can find it at S. P. Chiles, at Jefferson, Kan.

For Exchange

WE TRADE OR SELL ANYTHING ANYWHERE. The Realty Exchange Co., 18-22 Randall Bldg., Newton, Kan.

TRADES WANTED—We want to list your property, and to mail you list of trades. Try us. Owners' Exchange, Salina, Kan.

WANTED—Farm in northeast Kansas in exchange for well improved 320 in Washington Co. Write Lock Box 71, Morrowville, Kan.

1,000—FARMS—1,000

Everywhere for Exchange. Get our fair plan of making trades all over the United States. Graham Bros., Eldorado, Kan.

FOR TRADE—Two strictly modern homes, splendidly located, in Wichita. Renting for \$85 per month. One house has 17 rooms. Prefer to trade for land. Cave Realty Co., Salina, Kan.

FARMS AND RANCHES for sale or trade. Corn, wheat, alfalfa and pasture land at from \$10 to \$40 per acre. You should buy now. Let us tell you why. Sperry & Olson, Hill City, Kansas.

SOME ONE has just what you want. **SOME ONE** wants just what you have. For quick action and satisfaction address I. A. Harper Co-Operative Realty Co., Holsington, Kan.

WRITE US FOR OUR LIST OF IMPROVED FARMS for sale. Some of the finest farms in Kansas and other states on easy terms and very low prices. We list only what we consider as genuine bargains. Garver & Co., Box 142, Topeka, Kan.

Improved 160 Central Oklahoma; 4 1/2 miles town, 1/4 cultivation, grows anything; mail, school convenient; fenced. Timber worth \$15 acre. Encumbrance \$875. Sell clear \$4,800; carry \$2,000. Exchange income, Kansas farm.
E. L. PERRING, Abilene, Kan.

ARKANSAS

We have opened an office in Little Rock for the convenience of our customers wanting land for homes or for investment in Arkansas. Land here as fine as lays out doors sells at a half to a fourth what it does in Kansas. Arkansas has not been in the path of the land boomer and land values are within the reach of any industrious man who desires to own a farm of his own. Reliable information about land anywhere in Arkansas will be given free to anyone who is interested. Fredonia office will remain unchanged.
G. A. LONG, 325-6-7 Southern Trust Bldg., Little Rock, Arkansas.
C. A. LONG, Fredonia, Kansas.

IF YOU WANT TO SELL YOUR FARM—

Among the more than 60,000 farm homes into which this paper goes every week, there may be a man or woman looking to buy just what you have to sell. Did you ever notice that every one who wanted to sell his farm, sooner or later found a buyer? When the offer of a farm becomes known more and more, the chances for a quick sale at the desired price get better and better. You can't make your offer known to possible buyers any more cheaply than through an advertisement on this page. The cost is small and the value big. Write for special low land advertising price. Address simply Kansas Farmer, Topeka, Kan.

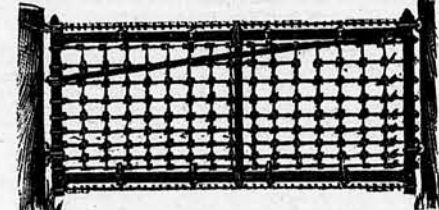
Field Notes.

Green Lawn Herd.

A. J. Erhart & Sons, owners of the Green Lawn herd at Adrian, Mo., are advertising a choice lot of fall boars for sale, which were sired by Major B. Hadley, Young Hadley, Giant Wonder and Big Spot. These young boars are large, husky fellows, and are priced right. They also offer two herd boars for sale—Young Hadley by Big Hadley, and Big Spot by Pawnee Blain. They are booking orders for spring pigs for June shipment. They now have 125 spring pigs and several sows to farrow. This firm will raise about 300 head this year. They are a choice lot of breeding, all of the big, smooth kind. Anyone wanting some new blood in their herds may do themselves a good business turn by getting some of this blood. Kindly look up advertisement in this issue and write for prices. Please mention Kansas Farmer.

The Trojan Steel Gate.

Farmers who are tired of gate troubles will be interested in the Trojan steel gate, which is always in order, swings over deep snows and is bull proof, horse high and hog tight. A big feature of this gate is the steel wire cable adjuster, by means of



which even a small boy can easily raise the Trojan to swing against a hill, clear deep snows or separate hogs, sheep and poultry from the large stock. By raising the gate to the desired height and dropping the adjuster the gate automatically locks itself in position. In addition to other advantages this adjuster provides against the gate being affected by sagging posts. These gates are sold direct to the farmer at factory prices, under an absolute guarantee of money back if the gate is not as represented, or fails to give satisfaction. The makers offer to send any farmer one or more of these gates on two year trial. A handsome, illustrated circular will be sent to any interested person who writes Standard Manufacturing Company, 310 State Street, Cedar Falls, Iowa.

S. W. Alfred's Duroc Sale.

The S. W. Alfred sale of Duroc Jerseys at Enid, Okla., was a great bargain day for the buyers. Only farmers, and but few of them, were present. Most farmers were busy putting in their oats. This sale was postponed from March 23 to March 30 on account of the blizzard. The offering was the best ever made by Mr. Alfred. It was composed of Col. Ohio Chief and Top Com-

BREEDING DRAFT HORSES

(Continued from page 4.)

Value, over 1 million dollars, for first nine months of 1911.

Such importations will unquestionably continue for many years, or until our American breeders produce enough first-class draft horse breeding stock to supply our own demands. There is no reason to doubt but that we will eventually accomplish this desirable end. For the rapid improvement of the draft stock in any given community, certain things are needed:

First. A disposition on the part of the majority of the farmers in each community to decide on some one particular breed and stick to it.

Second. A good sire of that breed.

Third. Concerted work on the part of all the men in the movement to get their friends and neighbors to unite on the same breed so that within a short time that particular county will become noted as a center for pure-bred and grade draft horses of the breed selected.

Fourth. General education of farmers in the community to the fact that draft horses must be fed as well as bred.

Fifth. United advertising through some central organization, preferably a county organization, of the advantages which this particular county has to offer to men who are seeking to buy pure-bred or grade drafters.

Little can be accomplished in the way of organized efforts toward improvement unless the majority of the farmers in a community are willing to agree on some particular breed of draft horses for, in most cases, counties are not densely enough populated with progressive farmers to make success probable, unless a majority of the progressive men in the community are willing to agree on one particular breed. There is no question but that our draft horse improvement in America has been immeasurably retarded by the indiscriminate use of different breeds, many of which do not cross any more satisfactorily than oil and water blend. Ohio, Illinois and Indiana, as well as some parts of Iowa, are rich with object lessons of communities that had better draft stock twenty years ago than they have today. The old breeders and observing men in those communities unite in declaring that the curse of the draft horse breeding industry in their respective communities has been the indiscriminate introduction and use of other draft breeds than the one which had been brought to a high degree of excellence. Agree on some particular breed which you believe to be best adapted to your conditions and which you are satisfied you can readily market, both as regards pure-breeds and as regards grades; then stick to that particular breed and fight in every way possible any introduction or use of other breeds in your community.

I am thoroughly satisfied that good drafters will continue to be in strong demand at very profitable prices, but the inferior kind are already depreciating in value and will steadily continue to do so; and remember above all things that you must feed as well as breed, if you are to produce real draft stock.

modore glits which were bred to a boar bought in Ohio last fall, thus giving a line of Ohio Chief, Col. Pilot Wonder and such breeding. Some of the April glits weighed 350 pounds with great quality. Every gilt in the catalog was sold, with a top price of \$30, and a top price on tried sows of \$35. The boars were slow sale. Mr. Alfred plans to hold another sale in September, but hopes for better conditions.

Des Moines Silo Has Inside Hoops.

The attention of the farmer is directed to the new Des Moines silo which, with its inside hoops, presents a brand new feature of construction. These hoops are of galvanized steel and are made half round so that the flat side fits against the staves and there is no angle to form air pockets. The inside hoops re-enforce those on the outside and insures that, no matter how hard the pressure of the ensilage, the staves will be held securely in position. Strong cables anchor this silo and prevent its blowing over or collapsing. It has the same kind of beveled doors as are used in refrigerators, and when closed, these doors make the silo practically air-tight. They may, at any time, be taken out and replaced without any inconvenience due to shrinking or swelling. The one-inch running in opposite directions so that it is impossible for the doors to shrink or swell. The door opening is unusually large (22x32) allowing easy access to the silo. Doors are interchangeable. The latch forms a strong continuous ladder. The makers claim for the Des Moines that it is the best made silo offered to the farmer today. They have prepared a handsome catalog, which will be sent to all interested farmers. Address, Des Moines Silo Company, Station KP, Des Moines, Ia.



(Continued on page 23.)

POLAND CHINAS**POLAND CHINAS****DEAN'S MASTODON POLAND CHINAS.**

Fifty Mastodon Poland China bred sows sired by such boars as Mastodon Price, Columbia Wonder, Surprise Wonder 5th and Gritter's Longfellow—all in the big class. Sows bred to Mastodon Price, Columbia Wonder 5th and sons of Gritter's Longfellow. Bred to farrow early March to May. Also have a few choice boars and some choice Herefords, males and females.

CLARENCE DEAN, Weston, Mo. Phone, Dearborn, Mo. R. R. Sta., New Market, Mo.

Jesse Edwards, Edgerton, Mo., Breeder of Big-Type Polands. A number of Expansion bred yearling boars for sale, sired by Panorama by Expansion. All are high-class, big-boned boars, the kind that make great herd headers. They are immune from cholera and show well as breeders.

MAPLE LEAF FARM, JESSE EDWARDS, Edgerton, Mo.

LONGVIEW POLANDS.

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

GREEN LAWN STOCK FARM

A choice lot of fall boars. Also two herd boars—Young Hadley by Big Hadley, and Big Spot by Pawnee Blain. Am booking orders for spring pigs for June shipment. I will trade a few Missouri farms for Kansas wheat land.

A. J. ERHART & SONS, Adrian, Mo.

HOPPE'S BIG TYPE

Polands. The best of the big type quality breeding; fed for best results. Bred sows and gilts for sale. Write me.

W. V. HOPE, Stella, Neb.

Thirty Bred Gilts for Sale.

A. L. Albright, of Waterville, Kan., the breeder of the big, smooth kind of Poland Chinas, is offering that number for sale at \$25 to \$40. Write him.

THE LARGE, SMOOTH POLANDS. Fifty head of fall boars and gilts that have size and quality; also, a few bred gilts. L. E. KLEIN, Zeandale, Kan.

20-BRED SOWS—20. Big, smooth Polands. Ten ribbons at State Fair last year. For sale at reasonable prices. JOSIAS LAMBERT, Smith Center, Kan.

EUREKA HERDS

Pure-bred Poland Chinas and Duroc Jerseys. Sold out but still in the business. W. H. SALES, Simpson, Kan.

DISPERSION SALE.

I offer at private treaty my entire herd of Poland Chinas, young boars, tried sows and gilts, open or bred to Giant Monarch, the king of big type boars. Some great ones at a bargain. Write.

W. C. Milligan, Clay Center, Kansas.

L. C. WALBRIDGE, Russell - - - Kansas.

Offer for your inspection choice sows, both medium and big type, backed up by six boars hard to beat. Let me fill your wants.

BIG TYPE POLANDS.

Limestone Farm, Clarksdale, Mo., for big type Polands, Shropshire sheep. A few high-class, bred gilts, and choice fall boars for sale. The big, mellow kind. Buff Orpington and S. C. Brown Leghorn eggs. Prices right. M. Gottswiller, Clarksdale, Mo.

POLANDS.

Fuller Brothers' prize Polands. Grand champion sow, Sedalia, 1911, and other prize winners in herd. Storm Center, sire of champion sow, and Big Tecumseh, at head of herd. We also bred Hereford cattle and Scotch Collies. FULLER BROS., Humphreys, Mo.

POLAND CHINA BOARS.

Twenty fall boars ready for service. Twenty-five fall gilts, priced to sell. All large-type breeding, sired by Highball Look by Grand Look Jr. Write today. I mean business. J. H. BAKER, Butler, Mo.

Harter's Big Kind Polands Headed by Mogul's Monarch, Prince Hadley, and other good sires. Choice breeding stock always for sale. J. H. HARTER, Westmoreland, Kan.

VINECROFT POLAND CHINAS

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

MAMMOTH HADLEY POLAND CHINAS.

60 choice spring pigs sired by Mammoth Hadley and Grand Model, two as good sires as can be found in the west; dams of pigs carry the blood of nearly all big sires. GEO. W. SMITH, Burchard, Neb.

WALNUT GROVE FARM

still has a few choice fall boars for sale. Sired by First Quality 60266 and out of Expansion and C's Perfection dams. JAMES ARKELL, Junction City, Kan.

MADISON CREEK POLANDS.

Few tried sows bred to Big Bone Pete for June farrow. Also, fall boars and gilts sired by Big Bone Pete. Write your wants. J. L. GRIFFITHS, Riley, Kan.

W. Z. BAKER, LARGE TYPE POLAND CHINAS

A few choice boars, bred sows and gilts for sale, bred to King Hadley, John Ex. and John Long 2nd. Prices right. W. Z. BAKER, Rich Hill, Mo.

Enclosed find check to pay for advertising. The hogs are doing fine, and Kansas Farmer is selling lots of big-boned fellows for me.—J. L. GRIFFITHS, Breeder of Poland Chinas, Riley, Kan.

HAMPSHIRE HOGS.**HAMPSHIRE SWINE.**

Some fine spring boars and a fine lot of summer pigs, all registered stock. T. S. BURDICK, Route 3, Inman, Kansas.

HILLWOOD STOCK FARM

High class Hampshires. Immune young boars for sale. Also fall pigs of both sexes. J. Q. EDWARDS, Smithville, Mo.

100 HAMPSHIRE SOWS,

spring gilts, fall gilts and mature sows. Sired by sons of champions; some of them bred to a winner of the blue at the Ohio State Fair this year, the rest bred to sons of champions. Best of breeding and best of individuals, and priced right down to bed-rock. Write us.

WOODLAWN FARM CO., Sterling, Ill.

DUROC JERSEYS

GOLDEN RULE DUROC JERSEYS. Choice fall boars and gilts for sale, sired by Dreamland Col. and J. C.'s Defender, by the noted Defender. Also, R. I. Red chickens. LEON CARTER, Asherville, Kan.

DUROC JERSEY BOARS—We are all sold out on sows, but have three very choice yearling herd boar prospects. Two are line-bred Cols. and one a son of Neb. Wonder. Also, some choice fall boars. Grant Chapin, Green, Clay County, Kan.

BERKSHIRES**BERKSHIRE HOGS.**

Guaranteed choice breeding stock of very fashionable lines. Either sex. Pigs, \$15; of breeding age, \$25; very extra choice, best quality, \$35. Registered. Crated f. o. b. R. J. LINSKOTT, Holton, Kan.

MULE FOOT HOGS.**THE ORIGINAL FAMILIES MULE FOOT HOGS**

SAFE—SOUND—CERTAIN
Prices Reasonable. Write
SULTAN STOCK FARM
R. 7. BLOOMINGTON, IND.

OHIO IMPROVED CHESTERS

OHIO IMPROVED CHESTERS—100 choice spring and fall pigs. Can furnish pairs not related, best of breeding. Sired by Jackson Chief 2d, Ken Garnett 2d and Bode's Model. Priced right. W. H. LYNCH, Reading, Kan., Box 36.

AUCTIONEERS**COL. OSCAR H. BOATMAN**

Irving, Kansas.
Live stock auctioneer. Graduate American Auction School. Write, phone or wire for dates.

COL. RAY PAGE.

Live Stock Auctioneer.
Satisfaction Guaranteed.
FRIEND, NEBRASKA.

EMPLOY ZAUN

for the best results. He works for the best breeders in America. Best of reference furnished. Write for dates. FRANK J. ZAUN, Independence, Mo.

C. F. BEARD

Live Stock Auctioneer, Parsons, Kan. Continually selling for the best breeders of several states. Write, wire or telephone. Home phone 2702.

LAFE BURGER, Live Stock Auctioneer, Wellington, Kansas—15 years of success in selling pure bred live stock.

J. E. BUMPAS, Live Stock Auctioneer—15 years' experience. Terms reasonable. I breed Poland Chinas and Jerseys. Satisfaction guaranteed. Write for dates. J. E. BUMPAS, Windsor, Mo.

MONT ORR

Live stock and farm sales auctioneer; block and ring work solicited. Belleville, Kan.

COL. N. S. HOYT

MANKATO, KANSAS.
Livestock Auctioneer. Big Horse and other Stock Sales a specialty. Terms reasonable. Special service to breeders.

W.C. CURPHEY

Salina, Kansas.
LIVE STOCK AUCTIONEER
Write, phone or wire me for dates.

Jas. T. McCulloch Live Stock Auctioneer.
Clay Center, Kansas.
Write Early
For Choice of Dates.

Holstein Dispersion

AT

GREAT BEND, KANSAS

Thursday, May 2, 1912

135 Head of Working Dairy Animals 135

Consisting of the two registered herd bulls, Sir Mechthilde Dieuwertje, 45426 and Woodcroft Hartog 70421, of high producing families, and 42 mature cows, 14 coming 3-year-old heifers, 20 coming 2-year-old heifers, 29 bulls from calves to coming 2 years, and 30 heifers up to yearlings.

All females old enough have been bred and will show in calf or have calves at foot.

All well wintered on grain, alfalfa and silage and are ready to go onto grass and make good.

This is Kansas' greatest opportunity to buy high-grade, specially selected milk cattle of Wisconsin breeding.

Milk record of each cow for 20 months, will be furnished on application. Address,

W. G. MERRITT,

Great Bend,

Kansas

O. W. DEVINE, Fieldman.

DR. W. H. RICHARDS**IMPORTER OF DRAFT HORSES**

Importation arrived September 10, 1911. I have selected them personally, and have the pick of Belgium and France's 2- and 3-year-olds. All were selected for good breeding, soundness, bone and individuality. All good colors and will make ton horses. Every horse absolutely guaranteed. Anyone looking for a first-class STALLION at very reasonable price should come and see them before buying. Barns four blocks from Santa Fe Depot. EMPORIA, KANSAS

**LEE BROTHERS' PERCHERONS FOR SALE.**

Imported and Home-bred Stallions and Mares, Blacks and Grays.

80-HEAD OF MARES AND STALLIONS—80

From weanlings up. The kind that we sell such men as W. S. Cora. Every one a good one. Among them is the prize winner from France. She is the best mare in the United States today, barring none. Come or write. All we want is a chance to show them. The price is right.

LEE BROS. Blue Ribbon Stock Farm, Harveyville, Kan.

Mammoth Jacks For Sale

Twenty Jacks from 14.3 to 16 hands high, all good, and including some of the best we ever had. The highest priced jack at public sale last year was from our herd, and also the famous champion Missouri Queen. Call or write, mentioning Kansas Farmer.

DEIRLING & OTTO,
Queen City, Mo.

Imported — Percheron — Stallions

At the 1911 shows we won Championship on both Percheron and Shire Stallions, at the American Royal, the Inter-State and the Missouri State Fairs. All our horses are imported. We sell as low as anyone on earth, quality considered. Our guarantee and insurance are the best known.

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

CRYSTAL HERD O. I. C. SWINE

Dan Wilcox, Prop., Cameron, Mo. Herd headed by Frost's Buster 29745, assisted by Big Oak 27263. A sow herd that is made up of high-class producers. A number of choice fall boars and gilts for sale—the tops of 50 head of good ones. They will be priced right. Will also sell my fine herd boar, Big Oak. Write for description and prices. DAN WILCOX, Cameron, Mo.

Field Notes.**Poland China Boars.**

J. H. Baker, Butler, Mo., is advertising a few fall boars for sale. They are ready for service and priced very reasonably for pedigreed Poland Chinas. Most of these boars

were sired by Highball Look by Grand Look Jr. This boar is a full brother in blood to Grand Leader. Mr. Baker is also pricing a few fall gilts that are real bargains at the prices asked. Please look up advertisement in this issue and write Mr. Baker at Butler, Mo. Kindly mention Kansas Farmer when you write.

HORSES AND MULES



JACKS AND JENNETS

20 large Jacks from 2 to 7 years old.
25 head extra good Jennets priced right. Come and see me.
PHIL WALKER,
Moline, Elk Co., Kansas

REGISTERED BAY PERCHERONS



Am closing out my entire herd. All registered in Percheron Society of America. Stallions, Brood Mares, Fillies and Colts. Sale barns in town. Write.

DR. J. T. AXTELL, Newton, Kansas.

PERCHERON HORSES.

M. I. Ayres, Shenandoah, Iowa, importer and breeder of high-class Percheron horses. Our offering at this time includes 20 head of outstanding good young stallions—a string of youngsters that will interest breeders who want the best. Come and inspect our offering if you want a high-class stallion. We have them.

M. L. AYRES, Shenandoah, Iowa.

JACKS and JENNETS

Six large Jacks, from 2 to 5 years old, 3 extra good Jack colts, 14 head of extra good Jennets, 1 Clyde stallion, 1 German Coach stallion, 1 registered saddle stallion. For quick sale, this stock will be priced worth the money. Will sell the lot or singly. Write us.

YATES BROS., Fauett, Mo.

SADDLE BRED STALLION
for exchange. He is 16½ hands, black, weight 1360, coming 9 years old, without a blemish, works double or single, trots square in harness, takes saddle galts when made. A good breeder and sire. Sired by Woodford Squirrel, Jr., 1233, and out of standard-bred trotting mare, not registered. Want to exchange for a Belgian stallion not over 9 years old, or will buy one if priced right. Act quick. This advertisement will only appear twice.

G. S. LAWSON,
Ravenwood, Nodaway Co., Mo.

18—KENTUCKY MAMMOTH JACKS—18
We will have, on 2nd of April, 18 Kentucky Mammoth Jacks, from 2 to 5 years old, 15 to 16 hands high, with plenty of bone and weight. We have 20 head Percheron Stallions and Mares, all ages. Write for prices and descriptions, and visit us before you buy. City office, 136 N. Market street. Farm and sale barn on 21st street, 1 mile east of Wichita Union Stock Yards. Long distance phone, Market 2987; Farm, Market 4035-X. J. C. KERE & CO., Wichita, Kan.

REGISTERED PERCHERON STALLIONS.

Six head, 3's and 4's, blacks and roans, and extra good individuals. Will be sold reasonable if sold soon.

G. S. HAMAKER, Pawnee City, Neb.

PERCHERON HORSES, HOLSTEIN-FRIESIAN CATTLE.

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

H. N. HOLDEMAN, Meade, Kans.

Best Imported Horses One thousand each. Home-bred registered draft stallions—\$250 to \$650 at my stable doors. A. LATIMER WILSON, Creston, Ia.

Home-bred Draft Stallions \$250 to \$600—your choice, \$1,000. F. L. Stream, Creston, Iowa.



FAIRVIEW STOCK FARM.
Twenty-five Mammoth Jacks, all ages; Pharaoh 2491, grand champion, Tennessee at head. Largest herd in west.
H. T. HINEMAN,
Dighton, Lane County, Kan.

SIX - JACKS - SIX

From 3 to 7 years old, for sale very low. We raise them.
W. H. Bayless, Blue Mound, Linn Co., Kan.

GALLOWAY CATTLE

FORT LARNED HERD.

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

Capital View Herd of Registered Galloways.

A choice lot of young bulls for sale in numbers to suit. Write or call for further information. G. E. CLARK, 2301 Van Buren St., Topeka, Kan.

HOLSTEIN CATTLE

BULL CALVES always on hand, and worth the price.
H. B. COWLES, Topeka, Kansas.

M. E. MOORE & CO.,
Cameron, Mo., are offering four fine yearling bulls for sale. They are largely white in color, handsomely marked, all sired by Orchard Hill Hengerveld De Kol No. 55108. Also, a few heifers, not related. Come and see. Herd tuberculin tested.

YOUNG HOLSTEIN BULLS.

Have sold all my females that I can spare. Have a few young bulls sired by Prince Ernaby De Kol, now at head of Nebraska College herd. Prices reasonable.
J. F. MAST, Scranton, Kan.

HOLSTEIN CATTLE

HOLSTEINS FOR SALE.

Forty (40) head of heifers and cows; to freshen inside 30 days. Several cows heavy milkers; fresh now. Bulls from 1 to 15 months of age. Ira Romig, Station B. Topeka, Kan.

SUNFLOWER HERD HOLSTEIN-FRIESIANS.

Choice stock, both sexes, always on hand. The best sire in the middle west heads this herd. Visitors and inspection solicited. F. J. SEARLE, Oskaloosa, Kan.

Young Holstein Bulls

Sired by Peterje Hengerveld Nannette and out of heavy producing dams, for sale. From young calves to yearlings. Won first at Topeka, Hutchinson and Oklahoma State fairs on young herd, 1911. Herd bull was junior champion.

W. C. JONES & SONS,
Route 2, Topeka, Kan.



Purebred Registered
HOLSTEIN CATTLE
The Greatest Dairy Breed
Send for FREE Illustrated Booklets.
Holstein-Friesian Asso., Box 114, Brattleboro, Vt.

JERSEY CATTLE

JERSEY BULLS.

Young grandsons of Golden Ferns Lad P 2160 H. C.; grandsons of the show cow, Boom Nigretta 116131; sons of The Owl's Champion 35990, and richly bred Tormentors. You need one of these and we need the money, so come over and let us trade. Barred Plymouth Rock Chickens.

WILLIAM H. BRUNS & SONS,
Concordia, Mo.

WYATT'S JERSEY CATTLE.

Headed by a son of Sultan's Jersey Lad. Sale at Hiawatha, Kan., April 25. Write early for catalog.

HENRY E. WYATT, Fall City, Neb.

LINSCOTT JERSEYS

Only Register of Merit Herd in Kansas. Offers at moderate prices a few heifers, open and bred; a few tested cows; bulls of serviceable age out of tested cows and H. C. imported sire.

R. J. LINSCOTT, Holton, Kansas.

OOMERIS'S EMINENT is offered for sale. A Jersey sire of rare merit, sired by Eminent Rosette, he by Rosetta's Golden Lad. The granddam of Oomeris's Eminent, "Financial Queen," was an imported cow of great merit, and the dam of the noted Financial Countess. We have a choice lot of heifers by him, and must change bulls. Johnson & Nordstrom, Clay Center, Kan.

When writing advertisers, please mention KANSAS FARMER.

I AM OFFERING a few young bulls, some of Oxford's Masterpiece, a son of Oxford Lad; Oxford's Brigadier, a son of Cambridge Knight; Merry Maiden's Golden Lad, a son of Merry Maiden's third son; and Eurybia's Exile. I have but a few of these calves that are ready for service. Will sell them reasonably while they last. Write for prices and particulars. W. N. Banks, Independence, Kan.

Four Jersey Bulls 4 to 12 weeks of age, two of full-blood cows, but can't be recorded, by "Kansas Stockwell," son of a \$2,100 grandson of a \$11,500 bull. Price, \$15 to \$60 now. Females, all ages. S. S. SMITH, Clay Center, Kan.

SHORTHORN CATTLE

GREENDALE SHORTHORNS

A few choice bull calves for sale, sired by my noted herd bull, Double Champion, by Choice Goods, and out of Ruberta. Write for prices and full particulars.

ED GREEN, Howard, Kansas.

SHORTHORN HERD BULL

Pure Scotch Bull, "Whirlwind," for sale. Solid red with lots of scale. Also, 10 young bulls; Scotch and Scotch topped. Ready for service. And a few cows and heifers, bred or open. Write for prices and descriptions. S. B. AMCOATS, Clay Center, Kan.

NEW BUTTERGASK SHORTHORNS.

Herd headed by Snowflake's Stamp and Snowflake's Star, the latter the cup winner at the 1911 Mitchell County State-Wide Fair. Straight Scotch and Scotch-topped bulls for sale.

MEALL BROS., Props., Cawker City, Kan.

HIGH-CLASS SHORTHORNS FOR SALE.

Three choice bulls by Good News by New Goods by Choice Goods and out of my best Shorthorn cows. Also a number of good yearling heifers, reds and roans. Come and see my herd.

JOHN REGIER, Whitewater, Kansas.

MAPLE GROVE HERD SCOTCH SHORTHORNS.

Herd headed by Lord Mutineer 279228. A number of high class bulls for sale, herd headers, and will be priced right for quick sale. Write for description and prices.

PERRY O. BROWN, Lamoni, Iowa.

GLEN HALL SHORT HORN HERD
headed by Choice Prince, by Prince of Tebe 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.

700 Shropshire Ewes

MATED TO IMPORTED RAMS.

TWO HUNDRED IMPORTED EWES and FIVE HUNDRED AMERICAN EWES. Buy now, when you get the ewe, her lambs, twins or triplets, and her fleece. Winter is about over. Wonderfully good values at \$15 and up.

Henley Ranch - 8000 Acres

Postoffice, Greencastle, Mo.

Station, Castle, Mo.



Buy **DUTCH BELTED CATTLE** of
G. G. GIBBS, Marksboro, New Jersey

3 CARLOAD REGISTERED HOLSTEINS FOR SALE

Two cars cows 2½ to 8 years old. All A. R. O. or A. R. O. breeding. Heavy milkers, nearly all freshened since December 1. Entire herd tuberculin tested annually. Federal bill of health furnished with each animal.

ONE CARLOAD OF BULLS

From 1 month to 2 years old. All from these cows or others equally as well bred. Farm just in edge of town. Barns in city limits, one-half mile from station, 30 miles east of St. Joseph, on Rock Island.

S. W. COOKE & SON, Maysville, Mo.

Oakland Jersey Herd. American and Imported Herd.

The present herd of dairy and breeding stock, while not large, is composed of individuals of great quality and breeding. The herd usually is able to offer a cow, a bred heifer; bull and heifer calves of rare quality at reasonable prices.

The herd management is associated with an importer of Jersey cattle of 30 years successful experience as an importer, and is in a position to handle commissions for all wishing imported cattle (both Jerseys and Guernseys) at lowest cost possible consistent with high-class service.

OREN S. DAY, Box 64, Foltville, Wis.

50—PERCHERON STALLIONS AND MARES—50

Bishop Brothers have 25 big boned stallions that weight 1,700 to 2,100 pounds that they can and will sell for less money than any firm in the business, quality considered. Write us what you want.

BISHOP BROS., TOWANDA, KAN.

DUAL - PURPOSE - SHORTHORN - CATTLE

Evergreen Home Farms, Lathrop, Mo., J. H. Walker, Prop.—Breeder of dual purpose Shorthorn cattle, Oxford Down sheep, Berkshire hogs and Burbon Red turkeys. Breeding stock for sale at all times. Prompt attention to mail orders. Write us for milk and butter records of our Shorthorn herd.

J. H. WALKER, Lathrop, Mo.

GANZDALE HERD PURE-BRED HOLSTEIN

GANZDALE HERD PURE-BRED HOLSTEIN COWS AND HEIFERS FOR SALE. To move them quickly we will, quality considered, price them right. We must reduce our herd. We also have a few extra choice quality bull calves for sale, sired by that premier sire, Plette Count. Several of his sons from large producing dams at prices very cheap. CASPAR A. GANTZ, King City, Mo.

ABERDEEN-ANGUS CATTLE.

C. D. and E. F. Caldwell, Burlington Junction, Mo., breeders of high class Angus cattle. Herd headed by Undulate Blackcap Ito II. Young bulls for sale ranging in age from 8 to 18 months. A number of them are herd headers. If you want a high-class individual that is bred right, we have them. Write us for description of what we have.

C. D. and E. F. CALDWELL, BURLINGTON JUNCTION, MO.

ANGUS CATTLE

ALLENDALE FARM BULLS.

Am offering a choice lot of young Angus bulls, sired by Even Eric 111592, ranging in age from 8 to 10 months, weighing from 600 to 800 pounds; one good 20-months-old bull. W. A. HOLT, Savannah, Mo.

HEREFORD CATTLE

GUERNSEY CATTLE.

A FEW Guernsey bulls for sale; butterfat record 668 to 714 lbs. per year; prices reasonable. Frederick Houghton, Roxbury, McPherson Co., Kansas.

GUERNSEYS.

For Sale—High-grade Guernsey bull and heifer calves. "Materna" strain. MRS. HELEN DONNELLY, Manitowoc, Wis.

POLLED DURHAM CATTLE

Roan Hero the International Champion and BELVEDERE X2712-195058

Son of the \$1,500 Grand Victor X1635 150365 heads my herd of Double Standard Polled Durhams. A few extra good, blocky, thick-fleshed young bulls for sale. Inspection invited. Farm adjoins town.

D. C. VAN NICE, Richland, Kansas.

SHROPSHIRE SHEEP

875 Breeding Shropshires

High grade black faced breeding ewes. All young, from yearlings up. A number of good young mares, draft bred and some good young work mules. 185 head good stock cows. Can furnish car lots of any class of stock. Maryville branch U. P. station on farm. Alkin Rancho, F. T. Grimes, Manager; Railway Station, Alkin, Kan.; P. O., Emmett, Kan.

SHROPSHIRE EWES.

I have a choice lot of Shropshire ewes, registered, for sale. They are from yearlings to five years old. These ewes are all bred to imported rams. Prices reasonable. Write J. W. ELLIOTT, Polo, Mo.

RED POLLED CATTLE

RED POLLED CATTLE

Baby bulls and heifers. A specialty of Red Polled baby calves. Buy a baby calf that is taught to drink and save express charges. You can raise on cow or by hand and train as you wish. Also, have bulls old enough for service. Write your wants. I can please you.

H. L. PELLET, Eudora, Kansas

RED POLLED BULLS FOR SALE.

Three yearlings, weighing 800 to 1000, got recorded. During January \$75 each. Chance of a lifetime. Beef and milk qualities combined. Herd bull weighs a ton. Bulls ready for service. September O. I. C. boars for sale. MILTON PENNOCK, Route 4, Delphos, 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.

RED POLLED CATTLE.

The champion beef and milk producer of the age; bred and for sale by the undersigned. Write for prices or come and see the red beauties.

J. B. RESER, BIGELOW, KAN.

RED POLL BULLS FOR SALE.

Ten choice young bulls, of serviceable age. The best breeding; registered; herd numbers fifty.

AULD BROTHERS,
Frankfort, Kan.

RED POLLED AND SHORTHORN CATTLE, Shropshire sheep and Duroc Jersey hogs. Breeding stock for sale. E. A. Buntin, Maysville, Mo.

FOSTER'S RED POLLS.

Choice bulls and heifers priced reasonable. C. E. FOSTER, R. R. 4, Eldorado, Kan.

Western Jersey Breeder's Sale

45 HEAD REGISTERED

A. J. C. C. JERSEYS

HIAWATHA, KANSAS,

Thursday, April 25, 1912

From the Herds of

A. J. GREENWALT, HAMLIN, KANSAS.
C. D. FISHER, HAMLIN, KANSAS.
H. E. WYATT, FALLS CITY, NEBRASKA.
E. L. M. BENFER, LEONA, KANSAS.

Herd Bulls

SWIFT NOBLEMAN 92452, A. J. C. C. Sire, Imp. Lucy's Noble, son of Noble of Oaklands, sold for \$15,000. Dam, Swift Jill, Imp., granddaughter of Leda's Golden Lad, half brother to Stockwell, sold for \$11,500.
NOBLE NAMELESS LAD 83606, A. J. C. C. Sire, Sultana's Jersey Lad, who sired Mermaid's Tiona, first prize two-year-old at St. Louis, 1904. Dam, Noble Liz of Filston, a daughter of Noble Name, half brother to Lady Viola, that sold for \$7,000.

A choice selection of Bulls, Cows and Heifers, by such sires as Imp. Lucy's Noble, Sultana's Jersey Lad, Nameless' Grandson, Golden Pride's Fern Lad, Fisher's Golden One, Pedro's Handsome Prince, Commando, Fontaine's Eminent, and others.

In the sale are heifers with first calf that were milking over 30 pounds of 5 per cent milk during the severe cold weather of February. Also a number of cows giving 40 pounds or better, several of which are capable of making good records or qualifying for the Register of Merit.

Every animal over six months old has been tested for tuberculosis and certificates of health are given.

This is positively the best lot of Jerseys that have been sold in the West for a number of years.

If interested, send for beautiful catalog, which gives full particulars. Address

B. C. SETTLES, Sales Manager,
Palmyra, Mo.

AUCTIONEERS: Col. H. S. Duncan, Clearfield, Iowa; Col. C. H. Marion, Falls City, Neb.; Col. N. T. Moore, Hiawatha, Kan.
Send your bids to Jesse R. Johnson, representing KANSAS FARMER.

DISPERSION JERSEY

CATTLE SALE

FRIDAY, APRIL 26th, 1912

At Farm, One and One-half Mile South of

MANHATTAN, KANSAS

22—HEAD OF PURE-BRED JERSEY COWS—22



Not eligible to register. Eighteen extra choice young cows, bred to freshen soon or already fresh. The others were fresh in December and January, and are also just in their prime. Four bred heifers and one 2-year-old bull. All but two head of these cattle were sired by Chester Thomas' noted bull, King of St. Lambert, perhaps the greatest bull ever owned in this part of the state. These cows were nearly all bred by Chester Thomas and are three and four gallon cows that will average 5 per cent butter fat. All of them have good udders and teats, nice fawn colors, and all have been tuberculin tested. The bull was bred at Kansas Agricultural College. I will also sell six pure-bred Duroc Jersey sows, bred for June farrow.

FRED DIAL,

Manhattan, Kansas

Jesse Johnson will represent KANSAS FARMER. Send him bids, in my care. AUCTIONEER—L. R. BRADY.

Bourbon Red Turkeys.
Mrs. J. E. Bundy, of Goodrich, Kan., is advertising Bourbon turkeys eggs for sale—nine for \$2.50, packed for safe shipment. Write today and book your order.

C. J. Woods Polled Durhams.
With this issue, C. J. Woods, the well-known Polled Durham breeder, of Chiles, Kan., starts a card in Kansas Farmer, offering a few extra good young bulls for sale, sired by the champion Roan Hero. The writer has carefully inspected these bulls and finds them to be exceptionally good individuals and priced very reasonable. Please look up advertisement in this issue and write to Mr. Woods. Kindly mention Kansas Farmer.

The consignment that Mr. Henry Wyatt of Falls City, Neb., is making to the Hiawatha sale April 25, will be of special interest to Jersey men because of the fact that it contains the great breeding bull, Noble Nameless Lad, and a large number of his excellent daughters. Noble Nameless Lad was sired by Sultana's Jersey Lad, one of the most noted Jersey bulls now living. He was formerly owned by C. C. Graves of Maitland, Mo., and was recently sold at 14 years of age to Mr. Munn, vice-president of the Jersey Club. Mr. Munn also bought a small bull calf by him to take his place later, and bought every female within his reach sired by the old bull. Mr. Graves and Mr. Munn are planning to show the get of Sultana's Jersey Lad at the leading shows this season.

The establishment of a great herd of Shorthorn cattle is no small achievement, and this distinction rightfully belongs to C. S. Nevius, of Chiles, Kan. His herd is headed by the great show bull, Searchlight, assisted by Searchlight, Jr., and a son of Prince Pavonia. In the work of selection this great herd Mr. Nevius has kept uppermost the idea of individual excellence and has always bought the best animals with the best Scotch pedigrees that were to be found. Mr. Nevius is one of the oldest exhibitors of cattle in the state with a record of 14 consecutive years in the show ring. He started at the bottom of the ladder and is now nearing the top with 175 registered Scotch Shorthorns and an equally good herd of large type Poland Chinas. Please look up his advertisement and, if you want a good Shorthorn or Poland China with show records behind him, write or visit Mr. Nevius. Kindly mention Kansas Farmer.

The Andrews' stock farm herd of big, spotted Polands, at Lawson, Mo., is one of the famous herds of that state that has attracted the attention of breeders throughout the west and southwest. The present head of this herd is Spotted King 66826, sired by Budwaiser Boy, by the famous Budwaiser. Spotted King is a great, massive hog, high in quality, fine back, big bone, measuring 8½ inches at 6 months old. He is the real spotted kind, and a great breeder. The Budwaiser, Brandywine, Billy Sunday and other sows of big spotted blood lines on the Andrews' stock farm are an extra fine and very prolific lot. Litters this spring ranged from 8 to 11. A feature of the herd at this time is about 80 head of big, husky, early spring pigs. These pigs were sired by Budwaiser, Jr., Budwaiser, Big Jim and Spotted King, all noted sires of the big spotted breed.

Jacob Sparks' Polands.

A representative of Kansas Farmer recently visited the stock farm of Jacob

Sparks, of Pattonsburg, Mo. Mr. Sparks is one of Missouri's progressive Poland China breeders and owns one of Missouri's best Poland China herds. The present head of his herd is Missouri's Prospect, sired by Prospect, he by Big Prospect, Missouri Prospect's dam was Lady Jumbo 1st. He is a great, massive, big boned, high quality boar and is proving to be one of the great breeders now in service. Mr. Sparks owns a splendid lot—Big Hadley, First Quality and Kansas Wonderful Chief sows, also sows by Major Blain and other great Poland China boars. A feature of the herd is a lot of outstanding good fall boars and gilts and a remarkably fine lot of spring pigs sired by Missouri's Prospect. They are a big boned, high class lot, with good backs, extra good heads and ears and very uniform in type and marking.

Successful Poland China Herd.

The building of a successful Poland China herd—that is, on a paying basis—requires no little amount of time and energy. We called on A. G. Erhart & Sons, of Adrian, Mo., this week and found the largest number of spring pigs it has been our pleasure to see. They now have over 125 spring pigs, with about 20 sows to farrow. A large number of the pigs are sired by Major B. Hadley, the grand champion at American Royal in 1911. Mr. Erhart has renewed his card in Kansas Farmer, and is advertising a number of fall boars sired by Major B. Hadley, Young Hadley, Giant Wonder and Big Spot. This firm is booking orders now for spring pigs, to be shipped in June. If you need a boar or a few good gilts of the large, smooth type—litter, write today for prices. Please mention Kansas Farmer.

Carter Made Fair Sale.

Leon Carter's sale of Duroc Jersey bred sows and boars held at Asherville, Kan., March 29, was fairly well attended and, considering the drawbacks of bad roads, etc., and the fact that it was a postponed sale, the prices received were very satisfactory to Mr. Carter. All of the offerings were sold open or bred for late farrow, and owing to the very severe winter they were in poor condition to sell well. The demand was good for a part of the boars, but not enough buyers were present to take all of them. The herds boars Dreamland Col. and J. C.'s Defender have proven their greatness as sires as shown by the class of boars and gilts raised by Mr. Carter the past season. Mr. and Mrs. Carter took care of the crowd nicely, and gave the usual good dinner, which was furnished by the ladies of one of the churches of the town. Among the buyers were John Straub, New Cambria; W. Ingraham, M. J. Farrar, A. C. Mace, Charles Miller, Roy Parrish, all of Beloit; Elmer Grecian and others, Asherville; several from Simpson and Glasco; Pearl Paggett, Beloit. J. W. Wohlfort, a prominent breeder of Waterville, Kan., bought a bargain in a boar sired by Dreamland Col. and out of a sow by G. C.'s Kansas Col. Mr. Carter is having fair luck saving his spring pigs, and will have his usual good bunch again this fall.

A Dairy Dispersion.

Mr. W. G. Merritt of Great Bend, Kan., will disperse his dairy herd of high grade Holstein cows and calves in a public sale to be held on Thursday, May 2. Included in the sale are the pure-bred registered herd bulls, Sir Mechthilde Dienwertje 45426 and Woodcraft Hartog 70421, the latter bred by F. J. Searle, Oskaloosa, Kan. There will be 135 head, consisting of 42 mature cows, 34

heifers coming two to coming three years old, 28 heifer calves up to yearlings, and 29 bulls from calves to coming two-year-olds. All females old enough are bred, as it has always been Mr. Merritt's practice to have his heifers come fresh at two years old. These cattle were selected by trained experts in Wisconsin to compose a business dairy herd, and they have made good. They have been well wintered on grain, alfalfa and silage, and are ready to go right out on grass and make good without loss of time to catch up after bad wintering. This herd has produced a revenue of \$600 per month during the past severe winter. A complete record of production by each cow for the past 20 months will be sent free on application to Mr. Merritt. Mention Kansas Farmer and drop a card right away.

Jersey Sale At Manhattan, Kan.

On Friday, April 26, Fred Dial will make a dispersion sale of his pure-bred unregistered Jersey cattle. The offering, consisting of 22 head, comprises the best lot of dairy cows to be found anywhere in this part of the state. They were bred by Chester Thomas, of Waterville, Kan., and all but two were sired by the registered St. Lambert bull, King of St. Lambert, one of the best sires the writer ever saw. They are all out of pure-bred dams, but the register was neglected some years ago. Eighteen of them have small calves now or will freshen very soon, and the rest have been fresh since the latter part of December and in January. These have been bred again to a bull now owned by Mr. Dial and included in the sale. He was bred at the Kansas Agricultural College. There will be four choice heifers included, which will also be in calf to the above named bull. These cows are a great lot of individuals from the standpoint of butter and milk production. They will give from three to four and one-half gallons of milk daily and have an average test of 5 per cent. They are nearly all beautiful fawns in color and all are young. This sale will certainly afford a great opportunity for the man wanting good dairy cows. If unable to attend, send sealed bids to Jesse Johnson, in Mr. Dial's care, at Manhattan, Kan.

The Big Holstein Sale.

Never in the history of Kansas has there been made such a sale of pure-bred registered Holstein cattle as will be held at the Kansas State Fair Grounds, Topeka, Kan., on Saturday, April 20. Three herds from three states will be represented with the best of breeding animals. This sale will be managed by F. J. Searle, owner of the great Sunflower herd of Holsteins at Oskaloosa, Kan., who will contribute about one-third of the entire offering of 100 head. These cows and heifers are bred to or sired by Mr. Searle's great herd bull Tiranla Lady Aonda 5th King 61250, whose sire has 17 A. R. O. daughters and whose dam has a record of 29 pounds of butter in seven days. Mr. Searle's offerings in this sale will produce from 13½ to 25 pounds per week. Another third of this great offering will include an entire dispersion of the herd owned by J. W. McCrum, Hagler, Neb. The females of this consignment are bred to his herd bull, Sir Johanna Lucyra Colanthus 53403, and the young stuff is sired by him. The balance of the 100 head are from the famous herd of Col. R. E. Haeger, Algonquin, Ill. Every animal over six months old is tuberculin tested, and the whole sale will offer the people of Kansas such an opportunity as they have never before had. Mr. Searle has a catalog for you.

Woods' Polled Durhams

A few extra good bulls and heifers by Champion Roan Hero, for sale. Prices reasonable for quick sale.

C. J. Woods, Chiles, Kan.

O S NEVIUS' HERDS.
Shorthorns and large type Polands. The home of the great bull, Searchlight, and herd boars, Designer and Major Look. Young bulls and young boars for sale. Remember our sale dates. Bred sows, May 14; Shorthorns, June 6, 1912. Forty miles out of Kansas City.
C. S. NEVIUS,
Miami County, Chiles, Kan.

COL. MOSS B. PARSONS

LAWSON, MO.
Pure-bred Stock Auctioneer and General Salesman. A number of years experience. Terms reasonable. Write me for dates for fall sales.

CHENANGO VALLEY GRADE HOLSTEINS

Can furnish in carload lots or less, large, young, good business dairy cows, tuberculin tested, fresh or near-by springers. My cows are selected from the best milking dairies of Central New York. You will make no mistake in buying this kind.

F. J. HOWARD, Bouckville, N. Y.

Jacks for Sale.

D. J. Hutchins, of Sterling, Kan., is offering a few choice young jacks for sale. Also, a few jennets, and one 5-year-old Percheron stallion; registered, sound and all right. Will trade this horse for mares or fillies. Write today or go and see this stock. Please mention Kansas Farmer.

HIDES AND FUR MARKET.

(Furnished by Jas. C. Smith Hide Co., 108 East Third Street.)

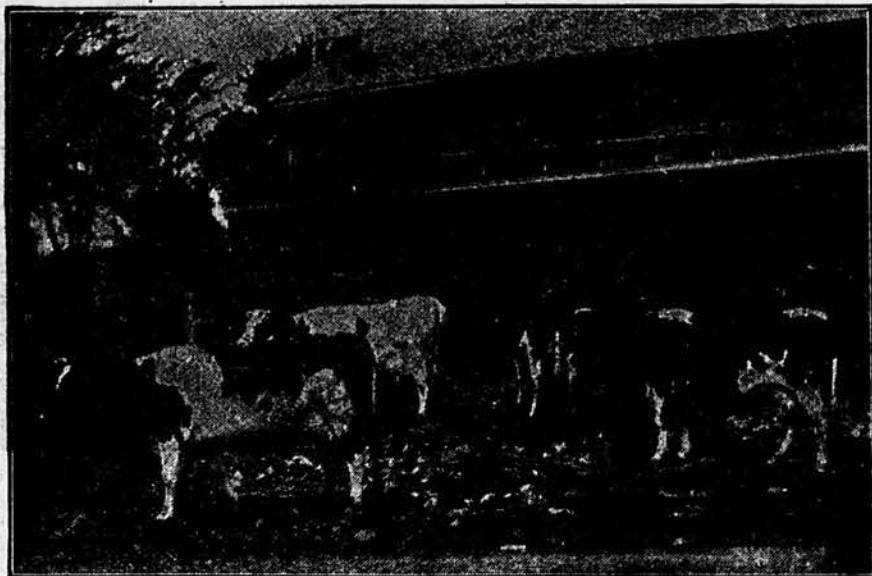
HIDES—Salt cured, No. 1, 12 c; No. 2, 11 c; side brands, over 40 lbs., per lb., 10c flat; side brands, under 40 lbs., 9½c flat; bulls and stags, No. 1, 9c; No. 2, 8c; glue hides, 6c flat; horse hides, No. 1, \$3 @3.50; No. 2, \$2 @2.50; tallow, No. 1, 5c; No. 2, 4c; sheep pelts, 35¢ @50c. Green uncured hides, 1½c less than same grade cured. Green half cured, ¾c less than cured. Green frozen hides grade as No. 2.
FURS—Mink, Central—No. 1 large, \$4.50 @6.50; No. 1, medium, \$4.25 @5.50; No. 1, small, \$3.00 @2.00. Raccoon, Central—No. 1, large, \$2.00 @1.25; No. 1, medium, \$1.25 @1.00; No. 1, small, 90¢ @65c. Skunk—Prime, black, \$3.00 @4.00; short stripe, \$2.00 @2.50; narrow stripe, \$1.85 @1.50; broad stripe, 75¢; best unprime, 75¢ @1.25. Muskrat, Central—No. 1, large, 50¢ @35c; No. 1, medium, 35¢ @30c; No. 1, small, 25¢ @20c. Fox, Red and Gray—No. 1 red, \$5.00 @1.25; No. 1, gray, 75¢ @2.00. Wolf, Prairie and Timber—No. 1, prairie, \$4.00 @75c; No. 1, timber, \$6.00 @1.00. Cat, Wild and House—No. 1, wild, \$1.10 @25c; No. 1, house, large, black, 20¢ @10c; No. 1, house, medium, colors, 10¢ @5c. Civet, Central—No. 1, 45c. Badger—No. 1, \$1.00 @30c. Early caught furs at value.

Kansas' Greatest Sale

REGISTERED HOLSTEIN CATTLE

STATE FAIR GROUNDS, TOPEKA, KANSAS

SATURDAY, APRIL 20, 1912



The quality of cows in this sale. Photographed in Mr. Searle's barnyard on Sunflower Herd Farm.

From the working herds of F. J. Searle, Oskaloosa, Kan., and R. E. Haeger, of Algonquin, Ill., with an entire dispersion of the herd of J. W. Macrum & Son, Haigler, Neb.

100 Working Holsteins 100

including many A. R. O. cows and heifers from the leading and most fashionable families of the highest producing strains. An even lot of high-class, well grown animals, in good condition. Every animal over 6 months tuberculin tested. For catalogue, address,

F. J. SEARLE, Manager, Oskaloosa, Kansas

AUCTIONEERS—B. V. KELLEY, R. E. HAEGER, CHARLES CREWS.

FRANK IAMS' REDUCED PRICES



Are the "big talk" of "horse buyers"—Iams has "cut prices"—To close out his stallions and mares at from \$100 to \$500 each on "Business" and "Show horses"—"Iams and the Pink Lady" are "up to the minute" as "salesmen" and his horses will positively be sold. They are the "Drafty, big-boned type"—"Nifty big Black Boys"—the real "medal winners"—sensational "show and business horses" of note, "ripe peaches" from the "select 400." Big, classy "Peaches and Cream"—"Black Boys." The "Iams Brand" of "topnotchers." Iams "Percheron and Belgian stallions and mares are in the 'Pink of Condition' and ready for a 'good selling.' 'Ikey, boy,' smile sweetly, and hundreds of Iams' satisfied customers 'will sit up and take notice' that 'Iams, the King Pin' horse importer is still 'doing business' at the 'old stand.' Iams is 'pushing' his horses to the front. The big 'Peaches and Cream' 'Boys and Girls' are attractions that can't be overlooked. Iams mesmerizes buyers with 'real drafters' at 'bargain prices,' and having the 'horses as advertised.' Iams' 'competitors' and 'hammer knockers' are 'boosting Iams' by their 'knocks,' until now he is known as the 'Millionaire Horseman,' and on 'Easy Street,' and growing fast. Ikey, 'Come on along,' and sing Iams' song. He is selling these 'aristocratic' fancy 'Black Boys' cheaper than ever—or better horses for less money—\$1,000 and \$1,400 (few little higher). Iams has

90—PERCHERON AND BELGIAN STALLIONS AND MARES—90

They are "Models"—"Humdingers." They are 2 to 5 years old, weigh 1,700 to 2,500 lbs., 80 per cent blacks, 50 per cent ton horses. All "approved" and stamped by "European government." Registered in popular stud books of U. S. Many "prize winners" and "gold medal horses." Big, Drafty, "top notchers," with big bone, quality, style, finish and action to burn. They are "Eye-openers"—large and better horses than seen elsewhere. Big "business propositions" that make "the wheels work fast" under a "Buyer's hat." "Georgie, dear," Iams made a "big killing" by buying his horses in Europe in October, 1911. "Dry weather," "bad crops," "close money" and "Iams' cash" caused the "prize winners" and "tops" to be thrown on the market for a "good selling." Iams "cut the melon" and bought the "rippers" at "knockout prices." Iams will give his customers the benefit of his "good buy." "Ikey, boy," "come on down town"—get into Iams' "get rich wagon" and save \$1,000 on a "top stallion" (and you wear the diamonds). Iams is a "big fly in the jelly" in the horse world. He keeps the "gang guessing." Iams sells "Imported horses only"—(They win 90% of prizes at big horse shows). No "American bred full bloods"—no "Auction stuff" or "Peddlers' horses"—only "choice drafters" of big size, bone, quality and finish.

Iams' imported horses are "approved"—"branded"—"Inspected," and "Certificate stamped O. K."

by governments of "France and U. S. A." Iams has the "crack stallions and mares" you "read about." Buy horses of Iams and you won't "get stung" in horse or price. "Dolly D," waltz me around once again, "Ikey;" land me at Iams' box office and importing barns. Full to "the roof" with "Black Boys" (and all must be sold). Reduced prices. All the world knows Iams and his "Peaches and Cream" horses. 1912 promises to be a bumper year to Iams and his customers. He saved \$300,000 to stallion buyers in 1911. Watch "Iams' smoke" in 1912. Iams' 30 years of successful business make him a safe man to do business with Iams' sells horses "on honor." A boy or a lady can buy as cheap as a man. Iams' 1912 Horse

CATALOGUE IS AN "EYE-OPENER." IT HAS "A LAUGH" AND A \$1,000

bargain in every line. A "bunch of gold," to stallion and mare buyers. It is full of the real "peaches and cream" stallions. It is the finest, most elaborate and original up-to-date horse book in the world. Iams, the "square deal" horseman, makes every statement in ad or catalogue good—or you get the \$500 he hangs up. Iams guarantees to sell you a better imported stallion at \$1,000 and \$1,400 (few higher) than are sold to stock companies for \$4,000. Imported mares, \$700 and \$1,000. Iams gives 60 per cent breeding guarantee; pays freight on horse and fare of one buyer. He can furnish \$1,500 insurance. Iams buys and sells every stallion himself. Saves buyers \$1,000 in middlemen's profits. He buys stallions by "trainloads." He speaks the languages—(saving 20 per cent). He is not in the "Stallion Trust." No partners—to share profits. He "pays cash" for his horses—and sells "top notchers" by "hot advertising" and having "the goods." "Big Ikey," leave your "happy home and buy a 'top' stallion or pair of imported mares (of Iams) that bring colts that sell at \$500 each. "Papa," don't let those "auction men" "hand you a lemon" in one of these "so-called" "American full-bloods" of questionable breeding. Buy an imported horse of Iams, the "reliable horseman." (Then we will "all wear diamonds.") Iams' "selling clothes" fit all buyers. Write for Iams' million-dollar horse catalogue. Iams won't let you go without a Peaches and Cream stallion or mare. "He sells the tails off them." Iams' guarantees are backed by "half-million dollars." References—1st Nat'l and Omaha Nat'l Banks, Omaha; Packers Nat'l Bank, So. Omaha; Citizens State, 1st State and St. Paul State Banks, St. Paul, Neb. Iams buys big ad space because it is cheaper than flannel-mouthed horse salesmen.

S T . P A U L , - - - - - N E B R A S K A