

# KANSAS FARMER

WITH WHICH IS COMBINED  
FARMERS ADVOCATE

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## Profit In Mule Breeding

### The Mule is a Most Profitable Animal for the Average Farmer

Mule raising is one of the easiest, safest and most profitable of all the agricultural occupations. Any man who owns or rents a farm can make money by raising mules. He needs very little capital for a start, and his returns are certain and quick, for mules one year old are salable for from \$50 to \$60, and after that age they bring \$100 up to \$250 apiece, writes Fred Haxton in Metropolitan.

In breeding mules there is, of course, opportunity for the scientist to do his utmost. For instance, there may be a question what is the best kind of horse to cross with the jack or jennet to beget the biggest or strongest or most enduring mule. That is a question which the scientific breeder will no doubt answer in due course of time. But it need not worry or perplex any one who desires to enter the mule industry, because "a mule is a mule" and the man who buys him does not demand a pedigree.

If a mule is in good condition when placed on the market, he will sell. If he bears the harness mark, all the better. He is wanted for work, nothing else, and the harness mark individualizes the general reputation of the beast as a faithful servant.

Probably there never was a time when mule raising was unprofitable. Whether that be true or not, it is undeniable that there has been big profit in the business ever since the war between Great Britain and the Boers. It is undoubtedly true also that the boom which that war gave the mule industry is only in its infancy and that more mules will be wanted in the next ten years than can possibly be raised.

As to breed, there is no marked distinction among these useful animals. Nevertheless they are classified, the classification being based on the services they appear best fitted to perform.

First, there is the "plantation" mule. An animal put into that class is thus adjudged to be better fitted for work on the sugar or cotton plantation than for anything else. In this classification there are two grades. If the mule is designed for the sugar plantation he must, to conform with the requirements of the sugar planter, be from two to five years old, sixteen to sixteen and one-half hands high, and weigh 1,100 to 1,400 pounds. Such a mule will bring from \$140 to \$175. Work on the cotton plantation being of a different and less strenuous character, a lighter mule is required, but he must be of good quality. He must have light to medium bone and short hair, weigh from 900 to 1,000 pounds and stand fourteen to fifteen and one-half hands high. The cotton plantation mule sells in the three main mule markets—St. Louis, Kansas City and Chicago—for from \$80 to \$125.

Second of the classifications is the "railroad" mule. Railroading is heavy work. To get into this class, therefore, a mule must be big and heavy. No railroad contractor wants a mule that weighs less than 1,200 pounds. He won't buy one of that weight if he can help it. His ideal animal is one that is fifteen and one-half to sixteen and one-half hands high and of 1,500 pounds weight. The animal must be of fine muscular development and exhibit traits of tenacity, for he is likely to be asked to pull loads that are immovable at first, but give little by little with repeated efforts. This mule is much sought after and sells for from \$150 to \$250, though exceptional spans

may bring more than that sum each.

Third in the list of classified mules is the "mine" mule. This classification covers a wide range. Prime requisites are that the mine mule be of heavy bone and that he be chunky and hardy. He may be fourteen to sixteen hands high, but whether tall or short, he must be a compact chunk, capable of starting a dead load of cars filled with coal or some metallic ore.

Fourth in the classes is the "lumber" mule. This is the very highest grade of all. The lumber mule must have a capacity for the heaviest, hardest drudgery, the severest work that draft animals are required to perform. He must have heavy bone and heavy body. If a mule is less than fifteen and a half hands high he cannot enter this class. If he is seventeen hands high and his weight in proportion, he will fetch the highest price for which a mule can be sold. But, tall or short, he must have the minimum of daylight under him.

Besides those mentioned in these four classes, all other mules are sold under the head of "general." There are three grades of "general" mules. First, "levee;" second, "farm;" and third, "Cuban" mules. The levee ani-

mal usually averages a little better in quality and appearance, but otherwise ranges about the same as the railroad mule. A bunch of "farm" mules may include individual animals of all the other classes, but the Cuban mule is small, being thirteen to fifteen hands high, with medium bone and weight.

The plantation mule is used throughout the region south of the Ohio River. The lumber mule finds service wherever logging is done, and the mine mule wherever a mine is worked. The railroad mule, always wanted in large numbers, is used wherever railroading or kindred work is performed. The United States Government buys hundreds of railroad mules in connection with irrigation projects, for building roads and digging canals.

The class called "farm" mules contributes that vast number of mules, a number that is steadily increasing, which are used on the ordinary farm and in the cities. If a dealer or breeder has a carload of mules of all kinds, qualities and sizes, he ships the animals to market under the classification of farm mules. From the lot the consignee can satisfy almost any patron. The man who needs a mule looks over the lot and selects the particular ani-

mal that is suited to his business.

The use of the mule in the cities has grown amazingly in the last few years. This draft animal is not heavy enough at best for the hardest kind of city teaming; such service requires horses that weigh 1,700 to 2,200 pounds. But there is a great amount of teaming to which the mule is especially adapted. Their feet withstand the hard wear and tear of travel over all kinds of pavements. The animals themselves are docile and are easily trained to stand without being tied or without a weight being attached to their bits while a delivery is made. They are scarcely ever scared by the din or sudden noises of the city and, in spite of their proverbial slowness, they prove speedy in turning corners, in avoiding collisions in congested streets, and in getting from point to point.

A great part of the light express business of Chicago and other cities is done by mules, while many of the big stores, particularly the wholesale and big downtown retail groceries, employ mules exclusively to make deliveries.

The question whether there is profit in raising mules depends altogether on whether mules are needed. In the states of the central west, where any one would naturally expect the farmers to be raising more mules than they could use, the farmers are purchasing these animals. Horses have become so high of late years that mules are supplanting them in many sections of the north for farm work. It may be that the same cause is responsible for the great increase in the number of mules used in the cities.

But although the mule is found at the present day in American fields of usefulness which a few years ago it was never thought he would invade the most promising prospect for the mule breeder lies in the lesson of the British-Boer war. In 1892 only 1,965 mules were exported from the United States. In 1900 the number exported soared to 43,369. In 1901 it was 34,405 and in 1902 it was 27,586. Since that year the number has decreased, but except for those three record years the exportation in 1906 was far in excess of any previous year. The tremendous leap in the three premium years was due to purchases made by the British Government for the Boer war. What does that teach? Simply this: That the American mule has been introduced in a great field where he was unknown. He proved his usefulness, and they want more of him.

England doesn't raise a mule. All the countries of Europe together had, January 1, 1906, only about 1,500,000 mules, while the United States had 3,500,000, and their total values, as estimated by the Secretary of Agriculture, was \$334,680,520. But even supposing that other countries raise three times as many mules as the United States, the Boer war proved that the American mule is preferred to all others, because he is the best in the world. That is why the exports of mules have grown and why they will continue to increase.

The great drain to which the mule industry was put by the Boer war was responsible to a large extent for the increase in the prices of mules and the consequent larger profits in raising them. The expanding domestic usefulness of the animal and the increasing exportation of it since that war are the causes of the present high prices and the guarantee of higher prices in (Continued on page 7.)

### A Subject for Serious Consideration.



Young Stockman--"How can we afford to improve the breed when you place a premium on raising yonder scrub by taxing the pedigree of this blooded animal?"





# KANSAS FARMER

## EDITORIAL



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### IS EARLY TRAINING AT FAULT?

It must not be denied that agriculture—farming—presents for solution many problems with which the average farmer does not seem able to cope. It cannot be denied that farming will pay fully as well, if not better, for close, intelligent, thoughtful application as will any trade, profession or business. The question then arises why farm boys do not stick to the farm and why on the farms is not applied all that experiment, science and skill have taught. There is a possibility that the early training of the boy—later the farmer—is at fault. To KANSAS FARMER it would appear that Ex-Gov. Hoard, in addressing an Illinois farmers' institute, had hit upon a thought which may give light on the subject and if he is right let us revise our school system. He says:

"I am utterly at a loss to know why the average farmer refuses stubbornly to study the problems of his business. It is not so in other classes of society. Why do the mechanics show more mental interest in a search for knowledge in their calling than do farmers? I believe the difference is in the early education of the two classes. Most of the children of the mechanic attend school to the eighth grade, and the eighth grade of the town school is a king beside the country school in arousing intellectual perception and grasp in after life.

"Men are what they are educated to be. The farmer's son is what he is educated to be, a weak or a strong man, an honor to agriculture or an apology for it. No farmer ever became great as a farmer because of his ignorance; the same with the mechanic. Boys must be trained to think and observe and deduct correct judgments by virtue of a knowledge of the truth—agricultural truth. Why, then, do so many farmers resist might and main the taking in of important agricultural knowledge?"

### A PURE BUTTER CAMPAIGN.

The Pure Butter Protective Association of Pennsylvania has started a vigorous campaign to secure changes in the national laws controlling the manufacture of oleomargarine, butterine, renovated or process butter and adulterated butter. In this campaign they are assisted by the state granges, the state department of agriculture and other state and county associations. One of the changes suggested is to cut out the word "knowingly" which is generally used in connection with every offense in the statutes in the federal law and practically nullifies successful prosecution as the offender can plead ignorance in his defense. Another suggestion is to change the federal act so that butter, with or without coloring matter, shall not be used in the manufacture of oleomargarine. Again, the word "knowingly" has been apparently admitted with design in the federal statute which relates to the sale of oleomargarine imported from foreign countries and should be stricken out in this case. It is also desired that the revenue laws shall be changed so as to require a record to be kept of the serial number of the stamp on each package of oleomargarine, renovated or adulterated butter that is placed on the market. As the revenue laws now stand, collectors are authorized, with the consent of the Secretary of the Treasury, to settle by compromise all civil and criminal cases arising from violation to the law. This opens a great field for frauds. Under present laws and regulations the stamps, marks and brands on packages of oleomargarine or imitation butter may be concealed after being attached to the packages. The parties behind this movement are making a national campaign of it and ask the assistance of all farmers and those interested in the manufacture of pure butter.

The government is now carrying on a work of investigation in a series of forest experiment stations similar to the agricultural stations in the different states. The need for such stations is apparent when the long time necessary to secure definite results in forestry is considered. Agricultural experiment stations can usually show results in the course of one or two seasons. In forestry work, however, a long term of years is necessary. These stations are under the control

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When the door of opportunity is closed, which side of it will you be on?

"To permanently maintain profitable systems of agriculture is our most important material problem, not only in Illinois, but in the United States."—Cyril G. Hopkins.

Liquid egg or desiccated egg does not meet the approval of the pure food experts of the agricultural department. They maintain that the egg must reach the consumer in its original package, that is the shell. If it is finally determined that eggs in this form cannot be used for food a large percentage of the eggs produced will find no market. Cracked eggs are those which are canned or powdered and heretofore these have found a ready market at the hands of bakers and confectioners.

Figures given by J. H. Miller, superintendent of Kansas Farmers' Institute System show that practically 20,000 farmers and their wives are members of the 235 regularly organized Farmers' Institutes of the state. These institutes should constitute a powerful organization for the improvement of agriculture. The value of the institute to the state at large and to those who are its members will depend entirely upon the activity of the members in putting to use the information obtained through the various meetings.

The Kansas hen each year pays a lot of bills and thoughtful farmers are beginning to carefully consider the best methods of handling poultry. The value of the poultry industry can be increased probably a half dozen times by more careful mating of the breeding stock, better feeding of the young stock and by rearing improved varieties for broilers and layers. As in the case of the dairy cow or the improvement of the beef animal, there is really no limit to the improvement and the increased profit from the poultry yards.

Great care should be exercised in having all kinds of farm seeds when planted free from weeds or grasses. It does not pay to fight weeds year after year and each year sow a full weed crop with each planting. North Dakota has taken an advanced step in the interest of agriculture which would be beneficial to any state. They have passed an act known as the seeds control act, which regulates the selling, offering or exposure of seeds for sale.

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

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

All packages of seeds are required to be labeled or branded, giving not only the name of the seed, but the address of the individual or company offering the same for sale. The sale of any seeds containing the seeds of weeds, such as couch or quack grass and Canada thistle is prohibited, while the sale of agricultural or garden seeds containing any of the seed taken from a great number of the common weeds is also forbidden.

Another way in which the forestry service at Washington is working to benefit the farmer is by experimenting with reseeding the various forest reserves where the grass and forage have been tramped out by cattle. Orchard grass, brome grass, Kentucky blue-grass, timothy, red top, and Italian rye are the varieties now under experimentation. The method of sowing this grass in the forest reserves is to harrow the ground, broadcast the seed and then drag it with a brush drag. This might prove a valuable hint to farmers who own wood lots that have grown up to weeds or have been tramped bare by live stock.

It is noticeable that in larger state fairs and live stock shows, now classes are being constantly made which have for their object the instruction of the ordinary farmer who is not a breeder of pure bred stock. For instance the Interstate Live Stock Exposition, at St. Joseph, Mo., will have on exhibition some six mule teams. The six horse teams of the large packing houses and others have attracted world wide attention and the six mule hitches promised by Manager Irwin will undoubtedly be equally attractive. It has long been a custom for the live stock expositions which are located at the packing house centers to make classifications on fat stock, but of late the state fairs which are not located in packing centers are providing such classifications with most valuable and interesting results. The modern state fair is of immense value to the state in which it is held and anything that is done along these lines will serve to enhance this value. Secretary Simpson of the Iowa State Fair ventures the prediction that in the near future the gates will be thrown wide open to the public without any admission fee being charged. He believes that the concessions will pay all running expenses and the fair will be free to all who wish to come.

The Illinois Experiment Station is putting forth special efforts to interest the farmers of that state in alfalfa. Prof. O. D. Center is interesting himself actively in this campaign and is delivering lectures to farmers' institutes in which he makes a very effective argument in favor of the alfalfa. He states that while the price of bran is \$25 per ton on their market alfalfa costs from \$15.25 to \$18.73 per ton and the feeding value of the alfalfa is greater than that of bran. Its content of protein, carbohydrates and

fats is practically the same as bran while alfalfa is more palatable and has the decided advantage of being produced on the home farm. Alfalfa has four times as much protein as timothy hay and the crop is three times as great on the same ground. Alfalfa enriches the soil while timothy makes it poorer. In a comparison of alfalfa with clover Professor Center stated that alfalfa produced, on the University farm, a total of 168,125 pounds in six years on a certain plot. White clover produced only 111,158 pounds on the same sized plot. This showed an acre for alfalfa and only 2,570 tons per acre for clover. Moreover, it required 300 pounds of clover seed but only 100 pounds of alfalfa seed. Professor Center recommends the Illinois farmers to buy their alfalfa seed in Kansas.

It sometimes happens that a farmer cannot own a manure spreader or that he is so situated that he cannot use it promptly and regularly. It is a well known fact that the fertilizing material contained in barnyard manure is all saved if this manure can be spread upon the fields at once hence it is a matter of mere economy to own a manure spreader of some kind. If this is out of reach, however, and the manure must be stored, a bin or pen should be built for the purpose in such way as to protect it from rain if possible. Good results, however, may be obtained by spreading the manure evenly in the pen each day and tramping it thoroughly so as to exclude as much air as possible. If this is done daily it is less likely to heat and become fire fanged than if thrown there in large bulks, in irregular piles and not tramped. As the manure will lose a large percentage of its value when exposed to rain storms it is really cheaper to buy a manure spreader than to build a shed for its protection and with the spreaders one has the advantage of getting all the value of the manure into the ground.

Since printing the description of Walnut Grove Farm owned by M. A. Low at Horton, Kan., in which it was stated that over 30,000 feet of drain tile had been put in place in the bottom lands at a cost of about \$10 per acre, KANSAS FARMER has had numerous inquiries pertaining to drainage questions. There can be no question about the value of tile drainage of the bottom lands in Kansas, especially those which are composed in part of gumbo soil or those which suffer from overflow or from standing water. If drain tile is properly laid the surface water is carried off promptly and the soil left in a fine condition of tilth. Such soil can be worked a few hours after the heaviest rainfall. Tile draining has been the salvation of the farmers in large regions of Iowa and Illinois and is needed just as badly in certain sections of Kansas. It is difficult to make estimates that would apply to individual cases. As a general proposition it may be stated that the ditches for the tile should be dug deep enough to go below the frost line, their bottoms smooth and graded with a gentle slope toward the outlet. Porous tiling is used and over the joints of which should be placed strips of tin, sheet iron or some other material that will prevent the earth from washing into the tile at the joints and obstructing the flow of water. A large sized tile is used for the main artery and smaller ones for the branch lines which converge into it.

Some years ago a few people saw that the farmers of Missouri were not getting as large returns from their farms as they could very easily do and started a campaign for more and better sheep. This has resulted in the organization of the Missouri Sheep Breeders' Association with about 1,000 members and the securing of the passage of new and stringent dog laws in that state. The influence of these workers in Missouri has been felt on this side of the line and KANSAS FARMER is frequently asked for information about breeding sheep and where foundation stock may be had. The results of this influence were shown in some degree at the State Wide Fair which last week had the largest exhibit of pure bred sheep that the writer has ever seen in Kansas in



the experience of over one-third of a century. Farmers are not urged to engage in the sheep business on the old sheep ranching plan nor to engage in it extensively in any manner without previous experience. It is urged, however, that sheep are profitable farm animals and that a few head can be grown on almost any Kansas farm with but little more trouble than that caused by the farm poultry and the profits they bring are practically net.

Perhaps J. J. Hill, the great railroad magnate, does not differ materially from other men in other walks in life but he does seem to be able to take the long look ahead. Not so many years ago KANSAS FARMER chronicled the fact that Mr. Hill had purchased a large number of pure bred bulls of different breeds and distributed them among the farmers along his lines of railroad to aid in the more rapid up-building of the cattle industry. He has done other things than that and now he is out with a statement that he will give five solid silver cups, which are gold lined and properly engraved, as premiums for individual displays of agricultural products made at the dry farming congress which will be held at Billings, Mont., Oct. 25-29. These prizes are to be given for exhibits of farm products grown without irrigation and under dry farming methods in the state of Montana, in Washington east of the Cascade Mountains and in the Des Chutes Valley of Oregon. The management proposes to hold a dry farming exposition in connection with the meeting of the National Dry Farming Congress and these premiums will be awarded at that time and place. The only restriction being that the products must be grown at some point within twenty-five miles of the lines of the Great Northern Railway in the territory designated.

Sometimes a farmer will say that he never had the advantage of a high school or college training and yet he has been successful in life. Therefore, he does not see why his son or daughter should have a better training than he enjoyed. He forgets that in his early days he entered into competition with boys who had no better training than he received while his son must compete with thoroughly educated young men. If one were to follow this farmer into his field he might learn that in his early days he used the old diamond plow for cultivation but he does not do so now. He cannot afford to as he is in competition with men who use up-to-date machinery. A farmer of today cannot succeed by diamond plow methods nor should he ask his son to attempt it. The old type of farmer no longer exists in this country. The rural business man has taken his place. To win the highest success he must put brains into his business, be a keen observer of nature and have a thorough knowledge of agricultural and live stock methods with text books and farm journals as his instructors. He should secure the bulletins from the experiment stations, attend the farmers institutes and take the winter short course at the agricultural college. He must be thorough in work, a good buyer and a good seller. He must be able to read and interpret market conditions and be prepared to take advantage of probabilities. He must be a machinist with an accurate knowledge of how to work and care for the complicated farm machinery of today. The Shawnee Alfalfa Club, which has held monthly meetings for two and one-half years and has never discussed any subject other than alfalfa and which has never lacked in interest and enthusiasm, is an illustration of one of the ways by which the modern farmer can put brains into his business.

**THE STATE-WIDE FAIR.**  
(Continued from page 2.)

**HORSES.**  
Percherons and French Draft: O. M. Keats, H. S. Maxwell, F. W. Norris, Judges. Aged stallion: 1st, Algarve, J. M. Kepple, Glen Elder, Kan.; 2nd, Bonpays, W. L. DeClow, Cedar Rapids, Ia. Stallion 3 years and under 4: 1st, Garselton, W. L. DeClow, Stallion, 2 years and under 3: 1st, London, North & Robinson, Grand Island, Neb.; 2nd, Hazard, W. L. DeClow; 3d, Myron Nebo, Jno A Peck, Tecumseh, Kan. Stallion 1 year and under 2: 1st, Estradigent, W. L. DeClow, Mare, 4 years or over: 1st, Valeria, North & Robinson; 2nd, Revillo, North & Robinson; 3d, Amazon, North & Robinson, Mare, 3 years and under 4: 1st, Iola Belle, North & Robinson; 2nd, Geverette, North & Robinson; 3d, Florietta, W. L. DeClow, Mare, 2 years and under 3: 1st, Norvaline, North & Robinson, Filly, 1 year and under 2: 1st, Zola, Jno. A. Peck; 2nd, Colona, North & Robinson; 3d,

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19th and Campbell Streets

Delora, North & Robinson. Mare and produce: 1st, Amazon & Colona, North & Robinson; 2nd, Best Yet and colt, Jno. A. Peck. Stallion any age: 1st, Algarve, J. M. Kepple, Percheron Registry Co. Special "A"—Stallion, 4 years or over: Gold medal, Algarve, J. M. Kepple; Silver medal, Bonpays, W. L. DeClow. Registry Special "B"—Stallion, 3 years and under 4: 1st, W. L. DeClow, Registry Special "P"—1st, Algarve, J. M. Kepple. Clydesdales, English Shires and Belgians—O. M. Keats, H. S. Maxwell, judge. Aged stallion: 1st, Stentor, W. L. DeClow, Cedar Rapids, Ia.; 2nd, Arlequin, W. L. DeClow, Stallion, 3 years and under 4: 1st, Martin, W. L. DeClow, Stallion, 2 and under 3: 1st, Moulton, North & Robinson, Grand Island, Neb.; 2nd, Bucyrus, North & Robinson, Mare, 4 years and over: 1st, Marie, North & Robinson; 2nd, North & Robinson; 3d, W. L. DeClow, Mare, 3 years and under 4: 1st, Estoft Beauty, North & Robinson; 2nd, W. L. DeClow, Stallion, any age: 1st, Stentor, W. L. DeClow; 2nd, Arlequin, W. L. DeClow, Mare, any age: 1st, Marie, North & Robinson. German Coachers. Stallion 4 years or over: 1st, North & Robinson, Champion stallion: North & Robinson. American Carriage Horse—H. S. Maxwell, judge: Stallion 1 year and under 2: 1st, D. O. Orr, Topeka, Kan. Mare, 2 years and under 3: 1st, W. B. Brooks, Topeka. Grade Drafters—O. H. Keats, Hugh S. Maxwell, judges. Team in harness: 1st, Bell & Gilchrist, Topeka, Mare colt, under 1 year: 1st, H. E. Ferguson, Mare and colt: 1st, H. E. Ferguson, Pair heavy horses, dray purposes, shown in harness: 1st, Bell & Gilchrist. Mules—O. M. Keats, H. S. Maxwell, judges. Pair, 3 years or over, in harness: 1st,

Bell & Gilchrist; 2nd, Bell & Gilchrist. Standard Roadsters—O. M. Keats, H. S. Maxwell, judges. Aged stallion: 1st, D. O. Orr, Topeka, 2nd, A. L. Thomas, Lincoln, Neb. Stallion, 2 years and under 3: 1st, Zach Ramsdell, Topeka, Kan.; 2nd, Jonas L. Reid, Norton, Mare, 1 year and under 2: 1st, J. A. Peck, Tecumseh, Kan.; 2nd, J. A. Peck. Saddlers—O. M. Keats, H. S. Maxwell, judges. Combined, (stallion, mare, or gelding, any age), harness or saddle: 1st, Bell & Gilchrist, Topeka; 2nd, Frank Asher, Topeka. Shetland Ponies—H. S. Maxwell, judge. Stallion, 4 years or over: 1st, T. B. Odell, Berryton, Stallion 3 years and under 4: 1st, R. J. Foster, Topeka. Stallion 2 years and under 3: 1st, Odell; 2nd, Foster, Mare, 4 years and over: 1st, T. B. Odell; 2nd, Wm. Kreipe, Tecumseh; 3d, Harold Richardson, Topeka, Mare, 3 years and under 4: 1st, Foster; 2nd, Foster, Mare, 2 years and under 3: 1st, Foster, Mare colt under 1 year: 1st, Wm. Kreipe; 2nd, C. B. Odell, Mare, 1 year and under 2: 1st, Richardson, Pony in harness: 1st and 2nd to Odell, Tandem: 1st, Odell, Four-hand or 4-abreast: 1st, Odell, Matched team in harness: 1st, Glen Hepworth, Topeka, Kan.; 2nd, Foster; 3d, Odell, Saddle ponies: 1st, Hepworth; 2nd, Bell & Gilchrist; 3d, Odell, Two ponies any age, get of one sire: 1st, Odell, 3 ponies any age, produce of one mare: 1st, Foster, Equestrian Ring: Boy riders under 15 years: 1st, Kreipe; 2nd, Hepworth.

**CATTLE.**  
Herefords—W. B. Waddell, judge. Bull, 3 years or over: 1st, Expectation, C. A. Stannard, Emporia, Kan.; 2nd, Beau Adventure, Makin Bros., Grand View, Mo.; 3d, Fulfiller 3d, Klaus Bros., Bendena, Kan. Bull, 2 years and under 3: 1st, Principle 6th, Makin Bros.; 2nd, Rudy Body, C. A. Stannard; 3d, Gay Donald Emil Hoffmeyer,

Holton Kan. Senior yearling bull: 1st, Paragon 12th, Makin Bros.; 2nd, Beau Mystic Jr., C. A. Stannard. Junior yearling bull: 1st, Paragon, Makin Bros.; 2nd, Beau Mystic, C. A. Stannard; 3d, Beau Onward, Klaus Bros. Senior bull calf: 1st, Paragon 21st, Makin Bros.; 2nd, Advertiser, Makin Bros.; 3d, Beau Mystic 30th, C. A. Stannard. Junior bull calf: 1st, Beau Mystic 31st, C. A. Stannard; 2nd, Paragon 25th, Makin Bros.; 3d, Advertiser 5th, Makin Bros. Cow, 3 years or over: 1st, Miss Donald 13th, Klaus Bros.; 2nd, Aderia 2d, C. A. Stannard; 3d, Flora Cilmex, Emil Hoffmeyer, Cow, 2 years and under 3: 1st, Anemone, Makin Bros.; 2nd, Capitol 11th, C. A. Stannard; 3d, Lady Fulfiller 11th, Klaus Bros. Senior yearling heifer: 1st, Clematis 2d, Makin Bros.; 2nd, Daisy 3d, C. A. Stannard; 3d, Forget Me Not, Makin Bros. Junior yearling heifer: 1st, Lady Grace 3d, Makin Bros.; 2nd, Java 4th, C. A. Stannard; 3d, Advine Anna 4th, C. A. Stannard. Senior heifer calf: 1st, Goodness 2d, Makin Bros.; 2nd, Mary D, Stannard; 3d, Fuschia, Makin Bros. Junior heifer calf: 1st, Glaness, Makin Bros.; 2nd, Wilken 3d, Klaus Bros.; 3d, Miss Wilken, Klaus Bros. Aged herd: 1st, C. A. Stannard; 2nd, Makin Bros.; 3d, Klaus Bros. Young herd: 1st, Makin Bros.; 2nd, Makin Bros.; 3d, C. A. Stannard. Calf herd, bred by exhibitor: 1st, Makin Bros.; 2nd, C. A. Stannard; 3d, Klaus Bros. Four animals, get of one sire: 1st, Get of Beau Paragon, Makin Bros.; 2nd, Get of Beau Paragon, Makin Bros.; 3d, Get of Beau Mystic, C. A. Stannard. Produce of cow: 1st, Produce of Anemone, Makin Bros.; 2nd, Produce of Christie, Makin Bros.; 3d, Produce of Capitol 11th, C. A. Stannard. Senior champion bull: Principle 6th, Makin Bros. Junior champion bull: Paragon 21st, Makin Bros. Senior champion cow: Anemone, Makin Bros.

(Continued on page 11.)





## BIG GAME CARTRIDGES

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# LIVE STOCK



Those old-time Morgans were a wonderful race. Go where you will and you will find men who used to know a little old Morgan mare owned by the village doctor or minister that would out-travel all the other horses of the neighborhood and come into the stable at night as fresh and frisky as a colt.

Every animal of the same size and strength should be fed from the same trough at the same time. If there are in the bunch any animals which are smaller and weaker than their companions, they should be placed in separate lots so that they will get their full share of grain without having to fight for it.

Feed lots should be high, dry and open. Sheds on the windward side, where the animals may lie in comfort, and the open lot to which the steers have access is much the best during the winter. The feed rack should be built so that it is protected from winds and driving storms and constructed so that it can easily be filled from the wagon.

In breeding high quality drafters much depends on the dam in imparting desirable characteristics to the progeny. The nearer to full blood the dam, the more uniformly will she breed true to a fixed type. There should not be heterogeneous mating of draft animals with lighter breeds, as the offspring will not be a type of any commercial class.

It is expensive and foolish for the swine breeder to attempt to rear the runts of any litter. These should be killed. Very rarely will they pay for the feed and care and on the other hand they are a constant menace to the health of the balance of the litter. The runt has no disease resisting power and are a fruitful source of contamination for the entire herd.

Cull closely and by so doing increase profits and win laurels for your swine herd. Do not try to sell everything for a breeder. In nearly every herd there are some very ordinary individuals and to sell these as breeders cheapens the entire breeding business. The breeding business should be placed and maintained on a high plane and this cannot be done so long as some breeders are willing to sell poor individuals for breeding purposes at or near pork or beef prices. Cull closely and maintain good prices for good stock.

Many young breeders will this year show their herds for the first time. There are others who would exhibit except for a little timidity. KANSAS FARMER urges the young breeder to get into the show ring. No other place will the valuable lessons be so effectively impressed upon the mind as when the results of your efforts are compared with those of your neighbor breeders. You can't get winning type indelibly impressed upon your mind until you have a chance to study that type in show ring competition. It is here that the impressions are gained never to be lost. The experience is worth defeat, if defeat it is. On the other hand victory is equally effective in pointing the right way.

The tendency is to heavier weight in draft animals of all breeds. Too frequently the aim is to grow large horses without paying proper attention to quality. Because a horse has weight he is not necessarily strong and durable. It was well distributed substance and muscular development that gave the Morgan horse reputation as a weight puller, size considered. Mere quantity, unless accompanied by quality, does not make a high-priced market horse. The medium weight horses are mostly fancied in France, the home of the Percheron draft horse. Blocky conformation, with good bone, is the most desirable, and stallions of great weight for their height should be patronized to produce the best selling draft horse.

A large number of draft stallions will be sold in Kansas this winter and next year will mark a revival in draft horse breeding. For ten years Kansas farmers have not reared enough colts to maintain the supply of work horses. On account of scarcity of farm help more horses are now needed than ten years ago. The horse breeders and importers are aware of the Kansas situation and are this fall making large exhibits of draft stallions and mares at the fairs and the animals shown are for sale. It is believed by us that the breeders following the fairs this season are reliable and trustworthy and deserve the patronage of Kansas people. The horse business is these days on a more substantial basis than ten years ago. The grafters have had their day and the straightforward, honest breeder and importer now has his opportunity and he cannot afford to abuse it.

Kansas has a law enacted last winter requiring owners of stallions not eligible to registration to so state the fact in their advertisements. This if enforced will enable the farmer to protect himself against fraud heretofore practiced to considerable extent. But, the fact must not be overlooked, that a certificate of registry does guarantee quality as to desirable characteristics and conformation. A certificate of registry will, as a rule, guarantee pure breeding but does not guarantee individuality. The man paying for the service must judge for himself whether the stallion conforms to the proper type. To be sure, a registered horse is more likely to be the most desirable animal, but not infrequently grade stallions are more perfect examples of their type than the pure bred, registered animal. The law is a good one but not to be imposed upon the farmer should learn to pass on the individual merits of the stallion, registered or grade.

### Brood Sow Accounts.

The ledger account described below by a correspondent in Swineherd shows the exact value in dollars and cents of the business of every sow in the herd, enabling you to cull out the unprofitable ones.

On the debit side we charge,  
The price of the sow,  
The service of the boar,  
One year's keeping of the sow,  
Interest on the sow,  
Keeping spring pigs,  
Keeping fall pigs.  
And on the credit side we give,  
Value of the spring pigs sold,  
Spring pigs on hand,  
Fall pigs sold,  
Fall pigs on hand,  
Sow on hand.

### Sheep and Corn Field.

For some time Kansas farmers have been told that a farm was really not a farm until the sheep was recognized. A Minnesota paper says on farms where pastures are drying up or run-

ning short the corn fields can well be called into requisition for the lambs. Lambs in no way injure the corn crop, and they find any quantity of feed there in the weeds which spring up between the rows, and the lower leaves of the corn, which only wither up and die, otherwise. It is a great deal better to convert these weeds and leaves into mutton than to let them sap the life of the corn plant, and go to waste. Lambs do not need to suffer for pasture so long as there is a corn field at hand. They will make surprising growth on the feed they find there and the corn crop will in no way suffer.

### Good Breeding Pays.

A test of the feeding and selling qualities of pure bred hogs over scrubs was recently made in Texas. The results showed a very decided market advantage for the well bred hogs, and indicate very plainly that there is something very much more to hogs of improved breeding than mere fancy.

Lot 1, the razorbacks, at Fort Worth weighed 1,060 pounds, and sold at \$6 per hundred weight, making a total selling price of \$63.30. The first cost at 5 cents per pound live weight was \$11. The cost of the gain amounted to \$49.30. The profit on the lot was \$3.60 or 60 cents for each hog.

Lot 2, the Poland Chinas, at Fort Worth weighed 1,420 pounds and sold at \$6.65 per hundred, making a total selling price of \$94.43. The first cost at 5 cents per pound live weight was \$17. The cost of gain was \$64.74. The profit on the lot amounted to \$12.69 or a profit of \$2.10 for each hog.

### Why the Pure Bred Animal.

There seems to be a mistaken idea of what pure bred are for: The one who does not class himself as a stock breeder sees no use in raising pure bred. Bless you, pure bred are not created for the breeder. They are created by him for the farmer.

The purpose of breeding is to make the animal more productive of milk, beef, mutton, wool, pork or eggs. If it does not do this then it is worthless. But it does do this. Every feeder knows that a well graded bunch of steers will fatten cheaper and make a better show in the yards and bring a better price than a bunch of scrubs. Every dairyman knows that a hard of dairy cows will give more net profit in products alone than a herd of scrubs. The bunch of hogs that has been bred to be of proper size and weight for market at six months is more profitable than the bunch that must be carried ten or twelve months.

### Strength in Draft Horses.

Three things decide the pulling ability of a horse; weight of horse strength of hock muscles, and width. That is, the load has a tendency to lift off hock. If a horse is light weight he cannot cling to the earth and pull him off his feet in front. A 1,200-pound horse can pull from 200 to 400 pounds more than a 1,000-pound horse of equal build. A horse checked high cannot pull as well as one with liberty to drop head when straining. He puts his weight forward by changing position of head. A horse may be heavy and well built yet not powerful in the hock muscles. Like the weakest link in the chain, this point decides the pulling ability of the horse. A strain may be responsible for this weakness. It may be inherent. The wider the hock the more leverage the



At the Topeka State Wide Fair, champion Cotswold ewe and ram. Shown by S. R. Doty, Charleston, Ill., and sold to J. S. White, Topeka, Kan.



hock muscle has. Therefore a horse with a wide hock and short cannon has greater pulling ability than the long-legged horse with narrow hock.

**Young Pig Management.**

A hog is half made when past the weaning period without a stunt or kink in its growth. Every check or halt in prosperity through its first two months is more expensive than at any later period. Too much rich, feverish milk of the dam, causing thumps or other ailment, may leave harmful results, perhaps as much so as scant feeding or other neglect of the sow. More injury may be done to a pig's growth in two or three days than can be repaired in a month, even if he is made the subject of special care, which, where many are raised, is not the rule nor easily practicable. "Good luck" with pigs calls for attention, and that not occasional, but frequent and regular.

From the first week after farrowing until weaning time the sow will be little else than a milk machine, and to be a high-power machine in perfect operation she must have proper care. Nothing else is so well calculated to make pigs grow as a bountiful supply of wholesome sow's milk, and the pigs that have plenty of other feed with the milk of a well slopped sow for eight weeks will ordinarily have much the start of those weaned at five or six weeks, no matter how much food and attention the earlier weaned pigs may have had.

At eight or nine weeks old most pigs are, or rather should be, fit to take away from the sow; some litters are individually older at seven weeks than others at ten, and better fitted for weaning. Sometimes it is necessary to wean when the pigs are five or six weeks old, and in other cases it may be advisable to wait until the pigs are ten weeks or even older. In the corn belt the period will generally average longer than in New England. Breeders who wean at early ages generally do so in order to more profitably raise two litters a year.

Provided with and taught to eat suitable feed some weeks beforehand pigs are not noticeably checked in their growth by weaning, but those that have been dependent mainly upon the mother's milk, when abruptly taken away from it, frequently seem to have their growth partially suspended for weeks. Many breeders successfully let the sow wean her pigs, as she will in time, and the change is so gradual that no pause in growth indicates when the milk diet ceased. A modified application of this, in which the pigs are separated from the sow at an age suiting their feeding and the convenience of the breeder, will not infrequently be found advisable, but by no means should the pigs be allowed to remain with a sow until she is virtually devoured by them as is sometimes done.

It is not a good plan to take all the pigs from the sow, unless one or two of them can be turned with her some hours after, to draw the milk she will have at that time, and again, say after a lapse of 24 hours. The preferred way is to leave about two of the smallest with her for several days, and after that leave only one for two or three days more, by which time the flow of milk will have been so gradually diminished that no injury to the sow will result by keeping them entirely away from her. This extra supply of milk helps also to push the smaller pigs along in growth and put

them more nearly on an equality in size with their thriffter mates.—From Coburn's "Swine in America."

**PROFIT IN MULE BREEDING.**

(Continued from page 1.)

the future. A span of mules that sold for \$150 before the Boer war would now sell for \$250, and the prevailing price in Chicago for a first class team of railroad, sugar plantation or mine mules is from \$350 to \$400.

The great majority of American mules are raised in the South. Texas leads with a production of 508,349. Missouri comes next with 292,159. Mississippi is third with 263,882, while Georgia has 225,187 and Arkansas has 202,886. In the North Illinois leads with 137,776. It was mainly the mules of Texas, Arkansas, Kansas, Missouri and other Southwestern states that made the foreign market for the American mule.

The breeders of that section had crossed the thoroughbred horse with the bronco and rebred the thoroughbred to the cross until they produced a horse that had the strength of the big Percheron or Clyde and the endurance of the tough and wiry bronco. To this type of animal they bred the jacks. The mule they produced was a wonder. He was strong and active. Partaking of the nature of the bronco, he was tireless. Inheriting the characteristics of the Percheron or Clyde, he was gentle and obedient. With a pack on his back or a load at his traces he served the British army as no animal had ever served it, and as South Africa is developed so will develop the call for the American mule in foreign lands.

It is a well-known fact that the mule is one of the healthiest of all domestic animals. He is subject to very few of the diseases of the horse, consumes less feed than the horse and needs far less care. A mule colt will thrive under conditions which would prove fatal to a horse colt. Climate may have some effect on his development, but no matter what the climate is in which he is raised he is a tough and hardy mule when he is full-grown. Being subject to few diseases and requiring the minimum of care and feed, he is raised without much labor and with little expense. What he sells for, therefore, is nearly all profit.

The breeder of swine runs the risk of losing his entire drove of hogs with cholera. If he is fortunate enough to escape this plague, he must take out of the sum he obtains for his porkers the cost of the high-priced corn the animals have eaten to make them fit for the market. The mule, on the other hand, is not killed off in large numbers by epidemics and the mule breeder runs no such risk as the hog raiser. When the mule is marketed there is no big bill for corn to be subtracted from his selling price. Yet in spite of the ravages of cholera and in spite of the fact that he consumes much valuable corn or other feed, the hog is a gold mine for the American farmer. Analyzing the situation of the mule and taking into consideration all the conditions surrounding him does it not appear as if the mule were a diamond mine by comparison for any one who chooses to raise this useful animal?

It is far more difficult to be simple than to be complicated.

There is no wealth, but life. Life including all its powers of love, of joy, and of admiration.

**J. D. SPANGLER'S  
SHOW AND SALE OF BIG  
POLAND CHINAS**

**Sharon, Kan., Tuesday, October 5**  
Progression and Spangler's Hadley Kind.

**60 HEAD 60**



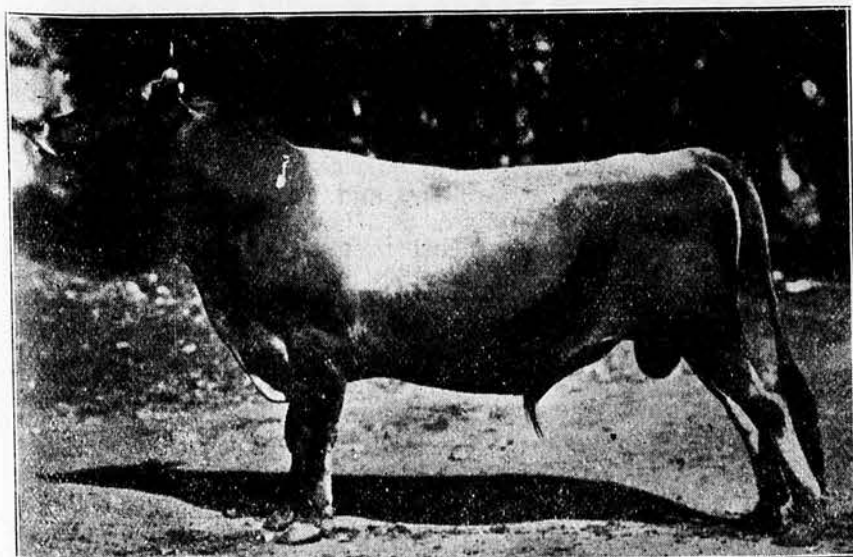
35 gilts and 25 boars weighing up to 210 pounds at 6 months old. Will weigh sale day from 200 to 250 each at 6 to 7 months old.

They are sired by Progression, Spangler's Hadley, Hutch Jr., Highland K., Best Metal and out of sows by Progression, Mogul X, Hutch's Mastadon, Surprise Wonder 5th, Expansive, O. K. Price, Columbia Chief, Chief Gold Dust, Mogul Boy, Gold Coin, Mammoth Ex., and Major Look. Come and see the best lot of 60 big mellow fleshed, easy feeding, sleek coated, broad backed, low flanked, straight legged, heavy boned, good footed, wide headed, most uniform lot of Poland China pigs ever sent through an auction in Kansas.

The offering contains a variety of breeding that buyers can select females and a suitable boar to mate them to. Send for catalog. Come to the sale and if you do not find the offering as represented your expenses will be refunded. Send bids to O. W. Devine, representing Kansas Farmer.

Auctioneers: James W. Sparks, Marshall, Mo.; W. E. Bowman, Sharon, Kan.; John D. Snyder, Winfield, Kan.; Mr. Hughes, Sharon, Kan.

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



At the State Wide Fair, Topeka. Grand champion bull, Victoria's Champion Lad. Owned by J. B. Smith, Beatrice, Neb.

**COMBINATION  
SALE**

To be Held Under Cover Rain or Shine at  
**THE ALFALFA STOCK FARM**  
one-half mile south of  
**Goddard, Kan., October 6, 1909**

**30 Head Poland Chinas**  
**34 Head Shorthorns**

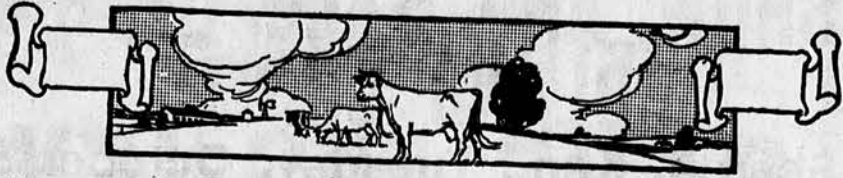
THE POLAND CHINA OFFERING will consist of one herd boar, sired by Impudence, one yearling boar sired by Modern Monarch, six spring boars sired by Modern Monarch and On The Plumb. Twenty-two well bred sows and gilts; few bred to High Ball and Meddler Dude, but most of them are bred to Modern Monarch sired by old Indiana, and dam Princess Vivian. This will be as fine a lot of sows and gilts as will be sold this fall.

THE SHORTHORN OFFERING of thirty-four head consisting of ten cows with calves, six cows bred to calve this fall and winter; five two-year-old heifers and three yearling heifers. They represent the standard families of the breed. This will be a chance for the old breeders to get some bargains and a better chance for new beginners to make a start. Write for catalog, mentioning Kansas Farmer, which will give full particulars about sending bids, etc. Address

**F. G. Nies & Son,**      **J. H. Pruitt,**  
Poland China Breeders.      Shorthorn Breeder.  
John D. Snyder and J. W. Sparks, Auctioneers.



# DAIRY



The great difference in value of cows milked for dairy purpose is shown by the Minnesota dairy division which found that some cows returned a net profit of \$55, while others were kept at a loss.

The day is not far distant, with the rapid increase in population in America, when dairy farming will be conducted on a scientific basis and where the profit per acre and the profit per cow will be as astonishing as anything which science has done for mankind.

Elef Martinson, a Swedish rancher of Idaho, reports that eight ordinary milch cows each earned \$3.57 a month from the sale of butter-fat. He has a silo in which he preserves green feed for the cows during the winter months, when butter-fat is scarce and at a premium. He grows several acres of corn, which is converted into ensilage, while he has a clover field which is worth more than double its area in wheat. With corn and clover chopped and cured in a silo there the best milk producing feed is obtainable and his dairy cows are paying for themselves every twelve months.

Professor Spillman, of the United States Department of Agriculture writes: "In the first place the paying dairy consists of cows that eat heartily and do not make meat, but do make milk of their feed. This means that they must be dairy and not beef cows. A good dairy cow, though she be killed and buried when she gets too old to give milk, will give a profit that will buy each year three good beef cows."

The dairy farmer today should be a man conversant with all the up-to-date methods of handling feed to the very best advantage to turn it into butter-fat or milk or cheese, whichever he proposes to market and if he intends to market any one of them, it requires a special knowledge in selection and breeding to reap the full benefit in its production.

Infinitely better is it to keep two cows which would give 950 pounds of butter-fat per year, and take care of them, than to keep five cows that will only give you 150 pounds of butter per year as they are kept now. A man with two cows who takes care of them is a much greater dairyman than the man who has a large herd which receives no attention except that necessary to get the milk from them.

A farmer writing in a Nebraska paper says: "The cream separator has come into almost universal use on the great plains of Nebraska. Right where the old geographies of thirty years ago, designated the land as being in the arid regions, the separators' hum is heard and the cream is sent to the factories. Dairy farming is being opened up right in the sand-hill regions and Nebraska is no mean factor in the dairy industry of the United States."

For several years Wisconsin has been vigorously fighting tuberculosis in dairy herds. This has resulted in a decline in the per cent of animals reacting from 17.7 per cent in 1906 to 5.6 per cent in 1908. In 1906 almost half of the herds which were tested were infected, while in 1908 less than one-fourth had the disease. In 1906 about 12 per cent of the animals tested were found to be infected, and in 1908 less than 4 per cent. This indicates that the disease is present in a great many herds, although it has not spread in each herd to any great extent.

In the case of an ordinary dairy cow this ration of maintenance amounts to about 60 per cent of the ration that she is given. In the case of a heavier producing animal, for example one producing one pound to one and three-fourths pounds butter-fat per day, this ration of maintenance amounts to about one-half the total feed of the animal. It should be clear that, after going to the expense of giving the animal the necessary amount to keep her alive, it is the

poorest economy to refuse to furnish the other 40 or 50 per cent which she would utilize exclusively for milk production.

From the records of the Nebraska Experiment Station is shown that it cost in 1905, 28 cents to produce 100 pounds of milk and 9.2 cents to produce one pound of butter-fat while in 1906 it cost about 30 cents for 100 pounds of milk and 9.4 cents to produce one pound of butter-fat. These figures are based on charging all the cows the regular market prices for all feed consumed and farm wages for all the labor. Under 1907 conditions of high priced feed it cost 35 cents to produce 100 pounds of milk and 9 1/2 cents to produce one pound of butter-fat. The farmer can produce butter-fat at a less expense than this if he will.

### Builder's Spirit Must Actuate Dairyman.

For forty years Ex-Gov. Hoard has been a dairyman. Who denies him the privilege of preaching the dairy gospel knowingly? He says: "One of the first great necessities is to get the cow farmer out of this state of mind that he 'can't afford' to face himself in the right direction and make a first-class dairyman of himself. You cannot build up a fine profitable herd of cows if you do it for money alone. Your greed will defeat you at every turn, prevent you from the right expenditure at the right time, make you niggardly when you should be and would be generous if a true innate love of the work controlled you. The builder's spirit must actuate you, guard and guide you, when lo! you have at the end the best money making agency in farming."

### Maintain Summer Conditions.

The cow gives the most milk in the spring and early summer. If a good flow is desired during the winter is it not reasonable then to suppose that summer conditions maintained during the winter will produce the desired results?

Summer conditions are supplied through nature in the following manner:

1. An abundance of palatable food.
2. A balanced ration.
3. Succulent feed.
4. Moderate temperature.
5. Comfortable surroundings.

These conditions can be supplied in winter as follows:

1. Plenty of palatable food always to take the place of grass.
2. A ration equivalent to good grassing food constituents and succulence like good alfalfa hay and corn chop or like silage and with corn chop and oats or other grain mixture moderate in protein content.
3. Succulence as supplied in alfalfa hay or silage.
4. By comfortable stabling.
5. By providing dry and comfortable lots and protection from cold rains and storms. The great problem in winter feeding, as already stated, is in general to maintain summer conditions. It is entirely feasible to maintain practically these summer conditions throughout the entire winter on any farm when the subject is properly understood and the necessary arrangements made.

### Secure a Good Bull.

The farmer desirous of improving his dairy herd cannot obtain by purchase pure bred, large producing cows. Such cows can be had only at long figures and the average farmer would fall in their feeding and care through his lack in knowing how. The plan of grading up by breeding and selection is recognized as the most practical means of improving the herd. With this plan comes the knowledge of the real dairyman. But, the bull used in the grading up plan should be the best. In proportion to his value in the herd a good bull can be had for less money than a good cow. The farmer can well afford to spend the money necessary to get the best bull. A dairy farmer writing in an ex-

# UNITED STATES

## Cream Separators

### Best To Buy

Everybody knows the name United States on a Separator is an absolute guarantee of Superior Quality, Long Service and Absolute Satisfaction.

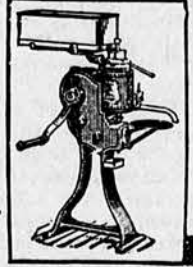
That is the best sort of economy; it means a saving of money to you. Why then run any risks with "cheap" makes?

## See the U. S. Separator Dealer

Let him show you how a United States Separator is made, its perfect mechanical construction, strong, solid, one-piece frame, no bolts to shake loose with wear. Scientific construction of the Separator bowl. You can readily see for yourself how the purchase of a United States Separator means economy for you. If you do not know a United States dealer let us send you his name.

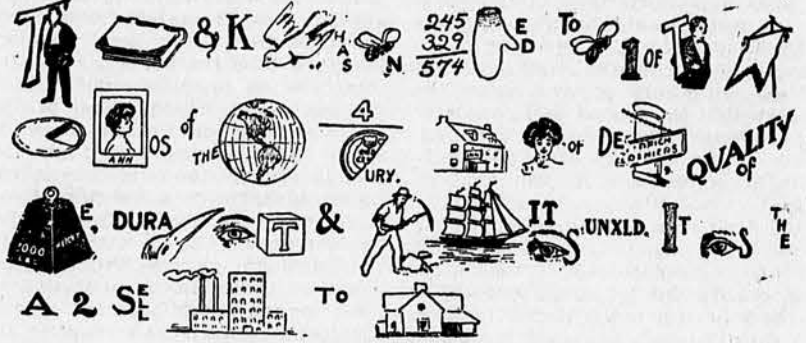
A request by mail for United States Separator Catalogue No. 91 and mentioning this paper, will bring you a beautiful manager lithographed in colors.

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# PIANO FREE!

To the person submitting the best solution of this rebus, we will present absolutely free one of our beautiful new upright pianos, the next three best solutions each \$15 banjos, next three best solutions each \$15 guitars and \$6,550 in other valuable prizes.



### SOLVE THIS REBUS—COSTS NOTHING TO TRY.

**RULES:**—Should there be more than one correct answer or should two or more tie in being correct or nearest correct, awards will be made upon penmanship, general neatness and completeness of contestants' papers. All answers will be referred to competent and impartial judges who will award prizes and whose decision will be final.

**WHY THIS OFFER IS MADE:** The Story & Clark Piano Co. or whom we are southwestern distributors believing that the large amount of money spent in magazines would be greatly appreciated if divided among piano purchasers, have agreed to allow a large amount to be used in the above stated way. The Story & Clark piano is admitted to be one of the standard high grade pianos of the world, and we want the name "STORY & CLARK" to become a household word in every family in Kansas.

We trust every one will participate in this contest; every one has an equal chance. There is no fee to pay or obligation of any kind incurred in entering this contest. Limitations and exceptions: Only one answer from each family will be considered and only from residents of the state of Kansas. Winners will be notified by mail within one week from close of contest. All answers must be mailed or brought to our store not later than Oct. 5, 1909.

**INSTRUCTIONS** Give the solution of the rebus, state whether you have a piano or organ in your home, and give maker's name. Mail or deliver your solution in a sealed envelope to

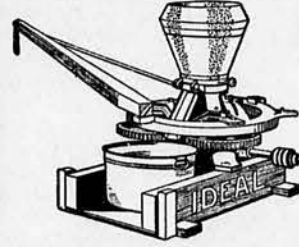
### REBUS DEPARTMENT

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# Ideal Feed Grinders

## Standard of the World



Twenty-five years of experience behind our complete line of Feed Grinders and Feed Mills. Improvements and new attachments added which have doubled the output.

Results have been highly satisfactory. Every mill manufactured with extreme care and tested before leaving the shop. Power required to operate them known to a fraction. Write for information concerning Mill No. 15, which is four machines in one. We make Grinders for doing all kinds of grain grinding.

Complete illustrated catalogue sent free upon request. Shipments immediate.

We are also manufacturers of the world-famous SAMSON WINDMILLS and STOVER GASOLINE ENGINES.

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change says he does not think any dairy bred bull is fit to propagate his species, unless he is backed up by ancestry on both sides, with true dairy types and big producers. "The bull of this class will transmit the merits he inherits. There is no other way to build up a dairy herd than by the selection of a bull, for he is 70 per cent of the herd. Then you can afford to raise his heifer calves. High excellence can only be attained by intelligent breeding. For example, it was by intelligent breeding that a cow has increased her butter yield from 150 pounds to 400 pounds per year, and the milk yield to 50 pounds per day for the year. It is by breeding that we got the ton draft horse and the two-minute trotter. We have bred the snout from the hog and the horns from the bullock, and by intelligent farming the yield of corn has been increased 100 per cent, without increasing the acreage."

**No Danger of Over Production.**

Sometimes there is heard the cry that dairying will soon be over done. This need not worry any one living at this time. The fact is that each year the demand for butter becomes greater. The supply does not keep pace with the demand. Butter frequently on account of its scarcity, becomes so high in price that the consumptive demand is curtailed and consumers resort to oleomargarine or renovated butter. The dairyman can well afford, if he pursues his business intelligently, to produce butter at such a price as will drive these substitutes out of markets and until this is done there is no danger of over supply. On account of its scarcity butter is now selling at such a figure as to force consumers to substitutes. It is for the producer of dairy products to employ such methods in his business as will enable him to furnish the consumer butter at a price he can afford to pay. That price will be consistent with a good profit to the dairyman if he knows his business.

The following figures are submitted to show the amount of butter displaced by substitutes: The output of oleo margarine for the country at large for the month of May was 247,403 pound colored and 6,238,024 pounds of uncolored or a total of 6,485,427 pounds against 261,709 pounds of colored and 4,502,664 pounds of uncolored or a total of 4,763,337 pounds for the same month a year ago, and 1,173,454 pounds colored and 8,024,908 pounds of uncolored or a total of 9,198,362 pounds for the previous months of April. The output of renovated butter was 3,656,976 pounds for the month against 2,737,892 pounds for the same month a year ago and 4,183,480 for the previous month of April.

**Feed and Milk Quality.**

Feed has very little if any effect upon the quality of milk. By quality we refer to the per cent or amount of total solid matter in the milk. It is a well recognized fact that some feeds affect the flavor of milk and possibly to a light extent its color. Feeds rich in protein have a tendency to slightly increase the percentage of fat in the case of some cows; the same can be said of feeds rich in fat. This increase is probably only temporary, however, the milk gradually coming back to its normal composition. Animals very thin in flesh and insufficiently fed, if brought into good condition by proper feed, will probably yield milk of rather better quality. The improvement in quality will not as a rule be very marked.

The milk producing functions are to a large extent under the control of the nervous system. Any influence that disturbs the quiet or normal condition of the animal, be it rough usage, extremes of temperature, exposure to rain, etc., will have its effect upon the quality of the milk. On the other hand, plenty of good feed increases the quantity of milk until the animal reaches her maximum production. What has been said with regard to the influence of feed upon the quality of milk is equally true relative to the amount of butter that can be made from a given quantity of milk. No method of feeding has yet been discovered that so improves the quality of the milk as to make a given quantity of milk produce more butter at one time than another. The quality of milk varies during the different stages of lactation, but this is entirely independent of the influence of feed. The above statements are based on

the teachings of carefully conducted experiments. They are contrary to the general belief that the better the animal is fed the better the quality of the milk produced.

**Yearly Records Recognized.**

It has been said that the great business organizations would not be possible were it not for the modern systems of bookkeeping, which show actual cost of every detail of production. Competition has made this necessary. The same economic laws are at work in the farming business. The study of costs has begun. Dairymen must find out what their cows produce. All the great cattle registry associations now recognize yearly records of performance as a vital factor in improving their respective breeds, and now the National Dairy Show Association announces that it will give recognition to this class by offering a premium for cows which have completed a year's record under the supervision of a state agricultural experiment station or college.

It is proposed that 100 points be allowed for conformation, as ordinarily judged in the show ring; that to this shall be added one point for each 20 pounds of fat produced more than the minimum of 250 pounds for the cow that is two years old when her test begins, the minimum requirements to be increased one-tenth of a pound for each day the cow is over two years old, which would make a minimum requirement of 360 pounds at five years of age. Thus, the cow that has produced 560 pounds would have an excess of 200 pounds above the minimum requirement of 360, which would give a credit of ten points to be added to her allowance on conformation. The cow with the highest total score to be awarded the first place.

The making of this class is a recognition of the importance of yearly records of performance and cannot but be an added interest to the careful student of breeding problems. Breeders in attendance when this class judged will watch with no little interest to see how far great performance accompanies desirable conformation. As yet investigation has not been conducted to determine accurately the relation of form to function by the taking of careful measurements. The accumulation of authentic records in increasing numbers is the first step and is going to afford data for study of this kind. The National Dairy Show is rendering a service in thus stimulating an added interest in the subject.

**Cow Testing in Minnesota.**

Practically all states making any pretensions at promoting the dairy industry are annually spending quite a sum of money for the enlightenment of the farmer on the production side of the business. The weak spot in the dairy business of all states is in the production of butter-fat. Farmers, generally, use a poor cow and employ poor feeding methods and so the expense of production is much greater than it should be. In many localities the cost of producing a pound of butter-fat is so great that the fat does not or never will sell at a profit. However, in nearly every herd there are a few good cows capable of economic production of dairy products and to demonstrate to the farmer the difference between his best and poorest cows is the point on which the several states today are spending the most money.

The dairy department of the Minnesota Experiment Station has this year an appropriation of \$5,000 which amount is to be expended in organizing of cow testing associations in different localities. The general plan is as follows: Each patron supplies himself with a small spring scale and bottles for taking composite samples of the milk from each cow. The experiment station furnishes all necessary blanks and compiles results.

The milk from each cow is weighed once a week, samples are taken from the composite test and each cow's feed is estimated. At the end of the month the composite samples are tested, either at the local creamery or at the laboratory and the records are sent to the dairy division at University Farm.

In this way results will be obtained which are sufficiently accurate for all practical purposes and the patron, who is supplied with a copy of the record, will have learned which cows in his herd are returning him a profit. The only expense to the patron is the cost of scales and bottles.

**— HOW TO —  
SAVE MONEY  
730 TIMES A YEAR**



If you own milch cows you are doubtless milking some of them twice a day every day in the year.

If you are doing this without a De Laval cream separator to save all the butter-fat in its best possible condition and at the same time have the sweet warm skim-milk for calves and pigs you are losing money exactly 730 times a year.

That is the simple truth about the De Laval cream separator. Any one can comprehend it. Other cream separators accomplish but a part of what it will do and do not last nearly as long. Every time milk is run through a De Laval separator it saves time and money for the user. There are no ifs or ands about it. And the saving is enough to in a few months time pay the cost of the separator, with the machine still good for fifteen or twenty years.

There was never a better time or season for any cow owner to purchase a De Laval cream separator than right now. Prosperity was never greater in a dairying way. Butter values were never higher. The losses from any other manner of handling milk never amounted to so much. Moreover such losses are always greatest when the cows have been longest in lactation and the cream is hardest to separate.

Just think of a loss of from ten cents to a dollar, according to number of cows and circumstances, twice a day every day in the year, and what the saving of it amounts to in the course of a year, let alone for the fifteen or twenty years life of the separator.

Are you willing to let such a loss go on? If not why not send for a De Laval catalog, or better still try a De Laval separator in your own dairy. Either is free to you for the asking, from the local agent or the company direct.

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A few acres of land cultivated carefully means a comfortable living and money in the bank.

Go while there is a chance to get good land at a moderate price.

## Low One-Way Colonist Rates

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G. P. A., U. P. R. Co., Omaha, Neb.

## CLOSING OUT SALE

# SHORTHORNS

50 Head Richly Bred Cows,  
Bulls and Heifers.

Plum Creek Ranch, between Leon and Latham, Kan.,

Friday, October 1, 1909.

Having sold my ranch I will sell my entire herd of Shorthorn cattle including Thistle Lad 293018 by Lord Thistle 129960. I bought Thistle Lad from the well known herd of J. F. Stodder, Burden, Kansas. He is a very compact, blocky bull of much style and quality and a sure calf getter. My heifers are by Red Plum 204703 and Grand Lad 2d 153215. Grand Lad 2d was bred by Geo. Bothwell and sold to N. F. Frazier when a calf for \$200.

The cows represent the well known Bates families: Strawberries, Foggathorps, Young Marys, Duchesses, Desdemonas, Barringtons, and Young Phyllises. These cattle are for the farmer, they have the combination of milk and beef. They are not fat and in show condition but have come out of the pasture in good breeding shape after raising husky big calves. This will be an opportunity that does not come often. I am not known as a Shorthorn breeder, but my cattle are known. I have never been an extensive advertiser, as I have always sold my cattle at home.

Parties from a distance will be furnished with conveyance free from either of the above towns

Send bids by mail or telegram to Lafe Burger or O. W. Devine, representing Kansas Farmer, in my care. Write for catalog.

Auctioneers: Lafe Burger, W. W. Moss, J. W. Alvies.

**P. H. GREENE, Owner,**

R. D. I. . . . . Latham, Kan.

# THE FARM



Do not overlook giving the hog all the clean fresh water he will drink. The hog needs and appreciates clean water as much as a human. Slop or milk will not take the place of water.

Study the advantages of labor saving machinery. Farm labor is scarce and it is necessary that the farmer have such implements as will enable him to do his work with as little help as possible.

Sell only the surplus alfalfa to the mill. There is no more sense in selling from the farm the entire alfalfa crop than there would be in selling every ear of corn. The alfalfa mill will prove a detriment to the community if farmers do not retain all the good alfalfa hay needed for the live stock. And all the good live stock should be kept that the farm will accommodate.

The first load of home grown sweet potatoes that appeared in Douglas county market were sold for \$2.50 per bushel in Lawrence, according to the local paper. Prospects are excellent for a record-breaking crop in the Kansas river valley and one farmer estimates his yield of five acres as being good for \$1,500 bushels. He also states that the record price received for the first load will, of course, not be maintained, but that the crop will be a very profitable one this year.

A great deal of the roughage grown is too coarse for good feed resulting in serious loss and great disappointment to the farmer. Not enough judgment is exercised in the amount of seed used per acre in the seeding of roughage crops. The finer the character of the fodder wanted from grasses fed in the green or in the cured form, the larger the amounts of seed required. Different lands will require different amounts of seed, too. The farmer should know his land. The season will make a difference too, but on this point a guess is the best the farmer can make.

Save the roughage with the greatest care possible. It does not pay to plant, cultivate and harvest a crop unless the harvesting results in saving the feed in the very best possible condition. Cut the crop just as soon as it is ready. Do not wait so long for the rains that the crop will dry up. Do not allow the crop to mature if desirous of the greatest food value. Kafir-corn and sorghum hay should be cut when the seed has formed and not allowed to stand longer than the dough stage. Cut millet in the bloom and prairie hay when the grass has its growth. Early cut forage has frequently two times the feeding value of the late cut.

A good way of disposing of Kafir-corn planted for the grain is to remove and stack the heads so soon as the grain is matured and turn the stock into the fields while the blades and stalks are still green. The feed is good—in fact could not be better and the stock will clean up every blade and eat the juicy stalk to within six inches of the ground. This feed will make the milk cows wake up. This editor has known of the Kafir-corn stalks pastured in this way without injury to stock. It would pay to be careful a day or two after turning the stock in.

The prairie hay is probably all cut and safely in the stack. If not, it should be. Prairie hay cut so late in the season as this has already lost practically all of its feeding value and is worth little more than wheat straw. But, in many sections the fourth cutting of alfalfa has not yet been made and there are thousands of acres of sowed Kafir corn and sorghum yet to cut. The little dry spell of the late summer has been broken and frequent rains may be expected. So some feed harvesting may be done under difficulties and this is to remind you that the best feed is made when the surplus moisture is evaporated quickly.

In drying mowed crops the hay tedder is a valuable implement. The tedder shakes up the hay, turns it over, removes it from the damp ground, and experiment has shown that moisture evaporation when the tedder has been used is many times more rapid than ordinarily. The theory is right and will work well in practice. It is often worth much money to hasten curing a few hours.

A gasoline engine helps in a dozen ways on the small farm. Here is what one subscriber says: "I live on a 160 acre farm. Last year I bought a four-horse power gasoline engine and believe me when I tell you that it more than paid for itself last year in grinding feed for stock."

They make the point that while this crop may be worth in the market no more than a crop of corn, yet the beans have 34 per cent of protein, a greatly needed and the most costly element of feed, while corn has only 10 per cent of protein. The Rows plow the ground early, cultivate as often as the weeds appear, and drill the beans June 15, fifteen pounds per acre, in rows 32 inches apart, covering the seed no more than one inch. When the plants are up the weeder is kept going. The bean ground needs to be inoculated with soil from an old patch of beans where the bacteria are present.

The agronomy department of the Kansas State Agricultural College this year has grown ten acres of pure bred seed corn on the county farm of Clay county, Kansas. The county commissioners co-operated with the department in every manner possible and so was shown unusual interest in better seed for the corn fields of that county. The pure bred seed corn from this ten acres will go a long way in improving Clay county corn next year. It would be well for the commissioners of other counties to learn the particulars of this experiment with the idea of extending the plan.

Some parts of Kansas have been short on moisture this year but still the waste of moisture on many farms has been astounding. Every weed growing in the corn field has required and taken from the ground as much water as a corn stalk. Moral: Keep the corn fields clean. Again much plowing for wheat has been done and no harrowing will follow until wheat sowing time when an effort will be made to get the ground in condition. This editor believes in harrowing well the day's plowing before the team leaves the field at night. This plan saves much moisture and almost insures a good seed bed at sowing time. Careless farm methods cause the loss of at least one-half the rainfall each year.

**Cement Paint.**  
For one barrel: One-half bushel white lime, three pecks cement, ten pounds umber, ten pounds ocher, one pound Venetian red, one-fourth lamp-black. Slake the lime, cut the lamp-black with vinegar and mix well together, then add the cement and fill the barrel with water. Let it stand 12 hours before using and stir frequently while putting on. It will be light stone color, covers well, hardens without scaling and will not wash off.

**Information Wanted Badly.**  
Any news of the living or death of my sister Drusilla E. Miller, wife of Charles Miller, whose maiden name was Drusilla E. Davis, daughter of Isaac Davis, deceased, late of Co. A., 151st Ill. Vol. Infy. She was married to Charles Miller in 1876 in Nebraska by a justice of the peace. The last heard of her she resided at Red Oak, Ia., about 1876. There is a pension allowed to her as the child of said soldier, Isaac Davis. Any information about her will be gratefully compensated for by Clarence Davis, Moffat, Colo., or P. H. Coney, Topeka, Kan. Other papers please copy.



**Good Farming Results in Good Crops.**  
 In a speech before a corn growers' meeting a Texas farmer gave shiftless farming this shot: "The right kind of farm management will result in successful crops gathered every year. A number of things must be considered in counting the cost of growing corn. First, the soil fertility and how to maintain it; preparation, good seed to plant, proper cultivation, gathering and housing the crop when matured. One of the best ways of improving or keeping up the fertility of the soil is by planting cow peas between the rows of corn. You might say that it will also lessen the cost by increasing the yields and profits of the crop. For the same reason the thorough and good preparation of the soil will also cut down the expense by the increased yield and ease of the various cultivations after planting. If the fields have had good cultivation you can gather and house the crop more cheaply than when the weeds are allowed to grow and become so numerous that it is with some difficulty that corn is gathered."

**Cut Hedges on Rural Routes.**

Postmaster Rogers of Topeka fears that Kansas will lose some of its rural routes unless the farmers take better care of the roads. Data secured by him show that more rural routes in other states have been discontinued on account of hedges and weeds than from any other cause. He states that hedge fences are allowed to grow tall and rank, making perpetual shade on some of the roads, the result being that the thoroughfares never have a chance to dry out after rains. Weeds he says also, work toward this end. "We cannot afford to lose any of our routes," warned the postmaster.

**Where to Place the Load.**

It is a common belief that the load pulls easier if put well forward on the wagon. But it doesn't on the ordinary wagon where the hind wheels are larger than the front ones. If the wheels were equal in size the load should be equally distributed. If the trucks were so low down that the horses got an upward pull on the load then it would do to put the load well forward. The load should be proportioned to the surface contact of the wheels. A large wheel sinks less than a small one, therefore the load should be heaviest on the hind wheels. Distribute the weight so that no one wheel, or no one side is carrying the greater share, lest it make the draft excessive for the tonnage carried.

**By All Means Get Alfalfa.**

Speaking of the persistency with which farmers should pursue their efforts to grow alfalfa Ex-Gov. Hoard, of Wisconsin, says: "Some have become too quickly discouraged about growing alfalfa. No man should be discouraged with this plant. It is too valuable an aid to cheap feeding to let up a minute in the effort to succeed. One of the most frequent drawbacks is a sour soil. Lime in some form, preferably in the form of ground limestone, will correct this bad condition. We must look after our soils more than we have done. Testing with litmus paper is so simple a thing that every farmer ought to know it and practice it. Then he will know for certain if acidity exists. Correct it by the aid of lime, and alfalfa and clover grow well in most instances."

**To Destroy Ants.**

If there are large ant hills to be destroyed, the best and easiest method is to use carbon bisulphide, as follows: Thrust a crowbar or sharp stick to a depth of eight or ten inches into the ant hill. Pour in one full ounce of carbon bisulphide and quickly close the opening with dirt. As soon as this is done, throw a wet blanket over the hill to keep down the carbon bisulphide fumes so as to increase their efficiency in suffocating the ants. Do not remove the blanket for at least an hour. If the hill is large, it will be advisable to make two of these holes, ten inches or a foot apart. If ants are troublesome in the pantry, a free use of insect powder (also sold as "Pyrethrum" and "Persian insect powder") upon the shelves and in the run ways of the ants will usually be effectual in cleaning them out. As this powder is not poisonous to people it may be used in abundance.

**THE STATE-WIDE FAIR.**  
(Continued from page 5.)

Junior champion cow: Clematis 2d, Makin Bros.  
 Shorthorns—W. B. Waddell, judge.  
 Bull, 3 years or over: 1st, Snowflake, Everett Hayes, Hiawatha, Kan.; 2nd, Blythesome Baron, Ed Schuler, Hiawatha, Kan. Senior bull calf: 1st, Snowflake's Model 1st, Everett Hayes. Cow, 3 years or over: 1st, Grace, Everett Hayes. Cow, 2 years and under 3: 1st, Halwood Lovely 1st, Everett Hayes. Senior yearling heifer: 1st, Clipper Lady, Everett Hayes; 2nd, Banner Belle, Ed Schuler. Senior heifer calf: 1st, Snowflake Queen, Everett Hayes; 2nd, Snowflake Gem, Everett Hayes; 3d, Royal Belle, Ed Schuler. Junior heifer calf: 1st, Snowflake Lady, Everett Hayes; 2nd, Snowflake Grace, Everett Hayes. Aged herd: 1st, Everett Hayes. Young herd, 1st, Hayes. Calf herd, 1st, Hayes. Get of sire: 1st, Snowflake and get, Everett Hayes. Produce of cow: 1st, Everett Hayes; 2nd, Ed Schuler. Senior champion bull: Snowflake, Everett Hayes. Junior champion bull: Snowflake Model, Everett Hayes. Senior champion cow: Grace, Everett Hayes. Junior champion heifer: Snowflake Queen, Everett Hayes.  
 Galloways—W. B. Galloways, judge.  
 Bull, 3 years and over: 1st, Signet of Caster Mill, S. M. Croft, Bluff City, Kan. Senior yearling bull: 1st, Signet of Bluff City, S. M. Croft. Junior yearling bull: 1st, Raymond C, S. M. Croft. Cow, 3 years old or over: 1st, Blacky Greenbush, S. M. Croft. Cow, 2 years and under 3: 1st, Little Pearl, S. M. Croft. Senior yearling heifer: 1st, Loncie of Bluff City, S. M. Croft. Junior yearling heifer: 1st, Ola C, S. M. Croft. Senior champion: Signet of Castle Mill, S. M. Croft. Junior champion: Randolph of Bluff City S. M. Croft. Senior champion cow: Blacky Greenbush, S. M. Croft. Junior champion cow, Soncie of Bluff City, S. M. Croft. Aged herd: 1st, S. M. Croft. Young herd: 1st, S. M. Croft. Produce of cow: 1st, S. M. Croft. Get of 1 sire: 1st, S. M. Croft.  
 Aberdeen-Angus—W. B. Waddell, judge.  
 Bull, 3 years or over: 1st, Mayor of Oakland, McAdams Bros., Holton, Kan. Senior bull calf: 1st, McAdams Bros. Cow, 3 years or over: 1st, Diamond Creek Princess, McAdams Bros. Cow, 2 years and under 3: 1st, Angoline, McAdams Bros. Senior yearling heifer: 1st, Sena, McAdams Bros. Junior champion bull: Mayor of Oakland, McAdams Bros. Junior champion bull: McAdams Bros. Senior champion cow: Diamond Creek Princess, McAdams Bros. Junior champion cow: Sena, McAdams Bros. Aged herd: McAdams Bros. Polled Durhams—W. B. Waddell, judge.  
 Bull, 3 years or over: 1st, You Know, C. M. Albright, Overbrook, Kan.; 2nd, Senator, Ed Steglind, Straight Creek, Kan. Junior bull calf: 1st, Governor, Ed Steglind. Senior champion: You Know, C. M. Albright. Junior champion: Governor, Ed Steglind.  
 Jerseys—Earl Brintnall, judge.  
 Aged bulls: 1st, Victoria's Champion Lea, J. B. Smith, Beatrice, Neb. Senior yearling bull: 1st, Owl's Champion, J. B. Smith. Senior bull calf: 1st, Lovely Lad, J. B. Smith; 2nd, W. C. Jones. Cow, 3 years or over: 1st, Pedro's Lovely, J. B. Smith; 2nd, Jersey Dairymaid, J. B. Smith; 3d, Duchess Della, W. C. Jones. Cow, 2 years and under 3: 1st, Emenon's Tootsie, J. B. Smith; 2nd, Belmont's Glory, J. B. Smith; 3d, Lad's Susie 4th, W. C. Jones. Senior yearling heifer: 1st, My Lady's Daphne, J. B. Smith; 2nd, Lad's Susie, W. C. Jones. Junior yearling heifer: 1st, Belmont's Pet, J. B. Smith; 2nd, Kittle's Beauty, W. C. Jones. Junior heifer calf: 1st, W. C. Jones; 2nd, W. C. Jones. Senior champion bull: Victoria's Champion Lad, J. B. Smith. Junior champion bull: The Owl's Champion, J. B. Smith. Senior champion cow: 1st, Pedro's Lovely, J. B. Smith. Junior champion cow: My Lady Daphne, J. B. Smith. Aged herd: 1st, headed by Victoria's Champion Lad, J. B. Smith; 2nd, W. C. Jones. Young herd: 1st, headed by The Owl's Champion, J. B. Smith; 2nd, W. C. Jones. Four animals, get of sire: 1st, Get of Belmont's Champion Lad, J. B. Smith; 2nd, W. C. Jones.  
 Holstein-Friesians—Earl Brintnall, judge.  
 Bull, 3 years or over: 1st, Esther Alexander 2d Sir Netherlands, W. C. Jones, Topeka. Senior yearling bull: 1st, Hadria Lad of Hill Crest, W. C. Jones. Aged cow: 1st, Lady Parthena, Swartz, W. C. Jones; 2nd, Prairie Rose Reno, W. C. Jones. Cow, 2 years and under 3: 1st, Eva Browne 11; 2nd, W. C. Jones. Senior yearling heifer: 1st, W. C. Jones. Junior yearling heifer: 1st, W. C. Jones. Senior champion bull: Ethel Alexander 2nd Sir Netherlands, W. C. Jones. Junior champion bull: Hadria Lad of Hill Crest, W. C. Jones. Senior champion cow: Lady Parthena Swartz, W. C. Jones. Junior champion cow: W. C. Jones. Aged herd: Headed by Ethel Alexander 2nd Sir Netherlands, W. C. Jones. Young herd: Headed by Hadria Lad of Hill Crest, W. C. Jones. Calf herd, bred by exhibitor: W. C. Jones. Get of one sire: Get of Lilac Pietertze Sir De Kol, W. C. Jones. Produce of cow: Produce of Eva Brownell 2nd, W. C. Jones.  
 ters; second, S. Y. Burke. Boars and 3 sows under 1 year: 1st, Campbell & Dawson's Sons; 2nd, J. W. Ferguson. Four pigs, under 6 months, produce of 1 sow: 1st, J. L. Boner. Four pigs, under 6 months, produce of 1 sow, bred by exhibitor: 1st, J. L. Boner. Four head of swine, any age, get of 1 boar: 1st, Campbell & Dawson's Sons; 2nd, S. Y. Burke; 3d, J. W. Ferguson. Four head, any age, get of 1 boar, bred by exhibitor: 1st, Campbell & Dawson's Sons; 2nd, S. Y. Burke; 3d, J. W. Ferguson. Champion boar, any age: Collossus, H. C. Dawson's Sons. Champion sow, any age: Proud Giantess, Thompson, Dawson & Walters.  
 SHEEP.  
 Oxford Downs—C. R. Doty, judge.  
 Ram, 2 years or over: 1st, W. W. Waltmire. Ram, 1 year and under 2: 1st, W. W. Waltmire; 2nd, W. W. Waltmire. Ram lamb, under 1 year: 1st, W. W. Waltmire; 2nd, W. W. Waltmire. Ewe, over years: 1st, W. W. Waltmire; 2nd, W. W. Waltmire. Ewe, 1 year and under 2: 1st, W. W. Waltmire; 2nd, W. W. Waltmire. Ewe lamb, under 1 year: 1st, W. W. Waltmire; 2nd, W. W. Waltmire. Ram, 1 year or over, 2 yearling ewes, 2 ewe lambs: 1st, W. W. Waltmire. Four lambs, either sex, get of 1 sire: 1st, W. W. Waltmire. Champion ram: W. W. Waltmire. Champion ewe: W. W. Waltmire.  
 Merinos—W. W. Waltmire, judge.  
 Ram, 2 years or over: 1st, C. R. Doty. Ram, 1 year and under 2: 1st, C. R. Doty. Ram lamb, under 1 year: 1st, C. R. Doty. Ewe, under 2 years: 1st, C. R. Doty. Ewe, 1 year, and under 2: 1st, C. R. Doty. Ewe lamb, under 1 year: 1st, C. R. Doty. One ram, 1 year or over, 2 ewes yearlings, 2 ewe lambs: 1st, C. R. Doty. Four lambs, either sex, get of one sire: 1st, C. R. Doty.  
 (Continued on page 13.)

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on a heating or cooking stove is only natural when you consider our plan of selling direct from the foundry. We build only the highest grade of stoves and ranges down in our foundry at Newark, Ohio. We buy our material in tremendous lots when the market is low. Our foundry is working all the year around. And so we bring costs down to the lowest possible figure. Then we add one small selling profit to these already low costs and that makes the price you see in our catalog. Your local dealer in selling stoves would have to charge you at least \$10.00 to \$20.00 more.



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# POULTRY



The nearest to perfection as a table fowl is credited to the White Plymouth Rock. This is only in the territory of Boston, which is the most critical and fastidious of all poultry and meat markets of the United States. It is also the only market that receives them in large numbers.

This is the time of year to be preparing suitable buildings for the young chickens that have been hitherto kept in coops and boxes around the yard. Cold weather will be here before very long and the chicks must be induced to get into their winter quarters before it gets too cold.

The Egg Reporter mentions that a commission firm in Columbus, Ind., is using automobiles for the purpose of collecting eggs and poultry throughout the country, and as being the first, but not by any means the last to do so. Before long we may hear of the arioplane doing the same thing and better too for the autos cannot go the rounds in very muddy weather.

Clean, white, bright eggs bring the most money in the eastern markets, the fresh, dark eggs, when all are uniform, come next; and mixed dark and light eggs come third. They may be equally good eating but appearance makes a cash difference between them. In the west, the color of the eggs does not make any difference in price, though clean eggs and of a uniform color should have the preference in all markets.

### Poultry at State Wide Fair.

The poultry display at the State Fair was the largest and had the most variety of fowls held here for a great many years.

One notable feature was the small number of some of the old standbys of poultrydom, such as Barred Rocks, Light Brahmas and Black Langshans and the forging to the front of the Rhode Island Reds. An exceptionally good exhibit of S. C. Rhode Island reds were shown by W. F. Justi of Pocahontas, Ill. Rarely is seen so pure a "red" as the color of his birds.

Another fine display was the Buff Cochins of J. B. Baughman, Topeka. He had five coops of magnificent Buffs of massive, fluffy plumage. They were easily the most impressive display in the poultry department, and caged in very neat and attractive coops.

A grand showing of Buff Orpingtons was made by G. H. Binger, Topeka. He had an excellent string of birds, which exhibited in fine new coops. Mr. Binger says his ambition is to be the principal breeder of Buff Orpingtons in the west, and if he keeps up his present stride, he is very apt to reach his goal. He has a fine poultry ranch on the outskirts of the city. His son, Edward, had a fine trio of Buff Cochins bantams, which took first honors. There were several hundred birds on exhibition that came all the way from Indiana and Illinois.

S. S. Jackson, Scranton, Kan., had a bunch of very fine Partridge Wyandottes taking the bulk of the honors, while in Silver Wyandottes L. P. Hubbard, of Topeka, took nearly all the blue ribbons.

R. W. Wiscombe, Topeka, had an exceptionally good trio of white Wyandottes. Buff Wyandottes were scarce.

R. B. Steele, Topeka, a big string of Single and R. C. I. Reds. He took several blue ribbons on his singles and reds on his Rose Comb. Mrs. Wm. Roderick, Topeka, and F. A. Rehkopf were also very strong in R. C. Reds. Chas. Hignight, Pocahontas, Ill., had some good Black Langshans taking the bulk of blue ribbons in his class. He also had some White Langshans that were good in color but not fully developed. Another exhibitor from Pocahontas, Ill., was T. E. Stallard who had some very good Black Spanish.

There were not many S. C. Brown Leghorns but what were there were extra good, Mrs. C. C. Smith, of Manhattan, easily taking first honors on her cockerels and pullets.

W. S. Brinkley, Clay Center, Kan., had his usual string of S. S. Hamburgs and Pekin Ducks and carried away first honors in both varieties, John L. Miller, Topeka, was away ahead in Blue Andalusians and T. J. Scherman, Topeka, took early all the prizes in Black Minorcas. The Topeka Bird Store made a very fine showing in the poultry tent, exhibiting bantams, pigeons, parrots, paroquottes, finches, canaries, gold fish, guinea pigs, rabbits and other pet stock. It attracted a great deal of attention, especially from the young folks.

Judge Lamb of the State Agricultural College, Manhattan, placed the ribbons, and performed his work in a most satisfactory manner. He was careful and conscientious in his decisions, and made a very favorable impression upon the exhibitors. Useful lessons can be gained in any poultry show or fair, if one is studiously inclined; we will try and learn a few from this one. One lesson that is very often neglected is the failure to look out for disqualified birds before sending them to a show. It was surprising to notice the number of birds that the judge disqualified for white earlobes, stubs on shanks and toes, lopped combs and clipped wings. The shibboleth of every farmer should be, "The scrub must go," whether it be the scrub cow, the scrub pig or the scrub chicks. The June bred fowl is not appreciated at its true value. Very few persons realize that if the fanciers of pure bred fowls were to quit improving their birds altogether, that they would eventually revert back to their first progenitors the wild jungle fowl of India. It was proved by a German scientist that all the various breeds of pigeons we now have reverted back to the old clay rock pigeon. So without the help of the fanciers who by selection and elimination breed up the varieties, our fowls would soon deteriorate and become almost worthless. Hence the worth of the pure bred fowl to the farmer and everybody else who use them or their products. The Agricultural College of Manhattan had a very good display of Poultry Supplies, in the shape of feed hoppers, feed troughs for young chicks, watering fountains, feed pails, trap nests, grain buckets and shipping coops. None of these articles were patented and could be made by anyone handy with tools. They had placards posted with several different ratios of which the following are copies.

Chick ration.—2 pounds cracked wheat, dry mash; 2 pounds cracked corn, 2 pounds cornmeal, 2 pounds Kafir corn, 2 pounds shorts, 1 pound millet, ½ pound alfalfa meal, 1 pound charcoal, 2 pounds beef scrap.

This ration produces 5 pounds W. P. Rock cockerels, 10 weeks from date of hatching.

Laying ration.—2 pounds corn, 5 pounds wheat, 2½ pounds oats, 5 pounds shorts, 3 pounds cornmeal, 1½ pounds bran, ½ pound alfalfa meal, 2½ pounds beef scrap.

This ration made W. P. Rocks produce 169 eggs and S. C. W. Leghorns 165 eggs between Feb. 1 and Sept. 11, 1909. Costs 10 cents per month per hen.

Fattening ration.—2 pounds shorts, 2 pounds cornmeal, 2 pounds ground oats, 1 pound beef scraps.

Made sloppy with sour milk. This ration has produced over 1 pound in 14 days on White P. Rocks.

The poultry awards made at the State Wide Fair will appear in next week's issue.

On October 2 to 10 there will be held at the Electric Park, Kansas City, Mo., a fair and exposition, which will prove very advantageous to the poultry breeders of the eastern part of Kansas and western part of Missouri. Very liberal premiums are offered on poultry. This fair is held under the auspices of the Missouri Valley Fair Association. For a premium list write A. V. Wilson, Muncie, Kan.

## Invest Your Money in Cement Work

There's no better investment for you—for your children—and their children—and your stock

Put the money from the sale of your crops and stock into a cement house, barn, silo, water tanks, feeding troughs. It can not be lost for good cement work is indestructible. Moreover, building with cement will pay you greater dividends in satisfaction, utility and actual money made and saved than by using any other material.

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Send for our free book, "PRACTICAL CEMENT FACTS"—it will tell you all about this saving. More—it gives facts about using and choosing cement that every man should know in order to obtain the best results. Send for this book today—after reading it you will insist upon getting Ash Grove Superfine Portland Cement.

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## California Colonist Excursions

Would you like to get a home in golden California? Go this Fall.

Colonist excursions every day, Sept. 15 to Oct. 15. Railroad fare only \$25 from most points in Kansas and Oklahoma. Upon payment of berth rate (about one-half the standard Pullman charge) you get double berth in a Santa Fe tourist sleeper; roomy, modern and comfortable.

Stop-overs allowed for Grand Canyon and Salt River Valley, in Arizona also;

at most points in California, including the great San Joaquin Valley. Santa Fe tourist sleeper service to San Francisco is quicker than any other line. To Los Angeles no other line is faster. Personally-conducted excursions tri-weekly. Meals by Fred Harvey.

Ask for illustrated book-folders: "To California in a Tourist Sleeper," and "San Joaquin Valley." J. M. CONNELL, General Passenger Agent, A. T. & S. F. Ry., Topeka, Kansas.

## CATALPA GENUINE

SEED FROM ORIGINAL Indiana Speciosa Trees at wholesale prices. Get our prices before placing order. Write today. WICHITA NURSERY, WICHITA, KANS. (General Agents for Wellington Nurseries)

### BREEDING STOCK FOR SALE

In order to make room for growing stock I will sell a few dozen W. P. Rock hens at \$10 per dozen or less quantities at \$1 each. Such breeders would be worth from \$2 to \$5 each at breeding season. Some late chicks might yet be gotten out of them.

THOMAS OWEN, Station B, Topeka, Kansas.

#### RHODE ISLAND REDS.

ROSE AND SINGLE COMB RHODE ISLAND REDS.

Eggs for hatching, \$1.00 per setting, remainder of season. Red pullets hatched in September and October will make early spring layers. No stock for sale until October.

H. A. SIBLEY, Lawrence, Kan.

#### LIGHT BRAHMAS.

LIGHT BRAHMAS—Young stock for sale. Cockerels, \$1 to \$8; pullets \$9 to \$12 per dozen. Order now. Prices higher later. Farm raised. Quality way up. Spitz dogs, all ages, \$5 to \$10. MRS. A. F. WOOLVERTON, E. 8, Topeka, Kan.

Every particle of the egg, yolk, albumen and shell, must come from the assimilated food through the blood cells. Scientific men tell us that an egg is an ounce and a half of concentrated food, made up of lime, soda, sulfur, iron, phosphorus, magnesia, oil and albumen. How necessary it is then that we should feed the hen a variety of food in order that she may produce a food of such varied ingredients.

#### BUFF ORPINGTONS.

BUFF ORPINGTONS—Chicks, pens, baby chicks, eggs. More first prizes State Fairs and State Shows than all other breeders. My POULTRY BOOK, containing information worth hundreds of dollars to farmers sent for 10 cents. W. H. MAXWELL, R. 95, Topeka, Kan.

#### FOR SALE.

S. C. Buff Orpington hens, pullets and cockerels. S. C. White Orpington hens, cockerels and pullets. S. C. Black Orpington pullets and cockerels. White Plymouth Rock pullets. Rose Comb R. I. Red cockerels and pullets and a few Diamond Jubilee Orpington hens and pullets. \$1.00 to \$2.50 each. MRS. LIZZIE B. GRIFFITH, Emporia, Kan. Route 3,

#### PURE BRED POULTRY.

##### SUNNY CREST.

Stock, fruit and poultry farm. Eggs to sell from M. B. Turkeys, R. I. Reds and Leghorns. Registered Jersey calves and Poland China hogs for sale. Write me. MRS. WM. BRITE, Pierce City, Mo.

##### YOUNG STOCK.

Barred and White Plymouth Rocks, all ages. From top-notch quality. Our rocks lay eggs. So will the young ones. Now is the time to buy. SMITH & KNOPF, Route 2, Mayetta, Kan.



THE STATE-WIDE FAIR.

(Continued from page 11.)

Champion ram: C. R. Doty. Champion ewe, R. Doty. Ramboulllets—W. W. Waltmire, judge. Ram, 2 years or over: 1st, C. R. Doty. Ram, 1 year and under 2: 1st, C. R. Doty. Ram, C. R. Doty. Ram lamb, under 1 year: 1st, C. R. Doty. 2nd, C. R. Doty. Ewe, over 2 years: 1st, C. R. Doty; 2nd, C. R. Doty. Ewe, 1 year and under 2: 1st, C. R. Doty; 2nd, C. R. Doty. Ewe lamb, under 1 year: 1st, C. R. Doty; 2nd, C. R. Doty. Four lambs, either sex, get of sire: 1st, C. R. Doty; 2nd, C. R. Doty. Champion ram: C. R. Doty. Champion ewe: C. R. Doty. Cotswolds—W. W. Waltmire, judge. Ram, 2 years or over: 1st, C. R. Doty. Kankanee, Ill. Ram, 1 year and under 2: 1st, C. R. Doty; 2nd, J. S. White, Topeka, Kan. Ram lamb, under 1 year: 1st, C. R. Doty; 2nd, J. S. White. Ewe, over 2 years: 1st, C. R. Doty; 2nd, J. S. White. Ewe, 1 year and under 2: 1st, C. R. Doty; 2nd, C. R. Doty. Ewe lamb, under 1 year: 1st, J. S. White; 2nd, C. R. Doty. Ram, 1 year or over, 2 yearling ewes, 2 ewe lambs: 1st, C. R. Doty; 2nd, C. R. Doty. 4 lambs, either sex, get of 1 sire: 1st, J. S. White. Champion ram: C. R. Doty. Champion ewe: C. R. Doty. Shropshires—C. R. Doty, judge. Ram, 2 years and over: 1st, R. F. Fauntz; 2nd, J. Browning. Ram, 1 year and under 2: 1st, R. F. Fauntz; 2nd, R. F. Fauntz. Ram lamb, under 1 year: 1st, J. Browning; 2nd, Albert Bartram. Ewe, over 2 years: 1st, R. F. Fauntz; 2nd, R. F. Fauntz. Ewe, 1 year and under 2: 1st, R. F. Fauntz; 2nd, R. F. Fauntz. Ewe lamb, under 1 year: 1st, Albert Bartram; 2nd, R. F. Fauntz. Flock, 1 ram, 1 year or over, 2

First, C. G. Smith; second, J. M. Neilson; third, L. A. Waite. Boar and 3 sows under 1 year: First, W. H. Rhodes; second, C. G. Nash; third, J. M. Neilson. Four pigs under 6 months, product of one sow: First, Bacon Lee's Girl C. W. H. Rhodes; second, Tips Ida, C. G. Nash. Four pigs under 6 months, product of sow, bred by exhibitor: First, Berryton Duke, jr., W. H. Rhodes; second, New Design, C. G. Nash; third, Masterpiece, L. A. Waite. Four head any age, get of one boar, bred by exhibitor: First, New Design, C. G. Nash; second, Master's Longfellow, C. G. Nash. Champion boar any age: Revelry, L. A. Waite. Champion sow any age: Lady Polly, J. M. Neilson. Boar and 3 sows under 1 year: First, W. H. Rhodes; second, C. G. Nash; third, J. M. Neilson.

Poland Chinas, C. A. Stannard, judge: Boar 2 years or over: First, Colossus, H. C. Dawson's Sons, Endicott, Neb.; second, Sportsman, Dietrich & Spaulding, Ottawa, Kan.; third, Perfect Quality, S. Y. Burks, Bolivar, Mo. Boar 18 months and under 2 years: First, Pan Famous, H. C. Dawson's Sons; second, Sport, Dietrich & Spaulding. Boar 12 months and under 18 months: First, Tom Crowder, Thompson Bros., Neb.; second, Perfection Boy, S. Y. Burks; third, Peerless Spartan, Dietrich & Spaulding. Boar 6 months and under 12 months: First, Capitol, Campbell and H. C. Dawson's Sons; third, Hannibal, J. W. Ferguson, Topeka. Boar pig under 6 months: First, by Oak Brook Meddler 2d, J. W. Ferguson; second, by Onward Chief, Walters Bros., Exeter, Neb. Sow 2 years or over: First, Proud Giantess, Dawson, Thompson & Walters; second, Chief's Reserve, H. C. Dawson's Sons. Sow 18 months and under 2 years: First, Pan's Princess, H. C. Dawson's Sons; second, Lady Logan, S. Y. Burke. Sow 12 months and under 18 months: First, Lady Perfection, S. Y. Burke; second, Perfection Girl, S. Y. Burke. Gilt, 6 months and under 12 months: First, by Colossus, Campbell & Dawson; second, by Walbridge, S. Y. Burke; third, by Walbridge, S. Y. Burke. Boar and 3 sows over 1 year: First, Dawson, Thompson & Walters; second, S. Y. Burke. Duroc Jerseys: C. A. Stannard, Judge.

THE HUTCHINSON STATE FAIR.

(Continued from Page 3.)

and under 24: 1st, A. P. Wright. Sow, 12 months and under 18: 1st, Stryker Bros.; 2nd, Joseph M. Baier; 3d, Joseph M. Baier. Sow, 6 months and under 12: 1st, G. W. Roberts; 2nd, G. W. Roberts; 3d, G. W. Roberts. Sow, under 6 months: 1st, Jos. M. Baier; 2nd, Jos. M. Baier; 3d, Jos. M. Baier. Four swine produce of same sire: 1st, G. W. Roberts; 2nd, Jos. M. Baier. Four swine produce of same sow: 1st, G. W. Roberts; 2nd, Jos. M. Baier. Aged herd: 1st, A. P. Wright; 2nd, Jos. M. Baier. Young herd: 1st, G. W. Roberts; 2nd, Jos. M. Baier. Champion Boar, 1 year or over, G. W. Roberts. Reserve champion, G. W. Harmell. Champion under 1 year, Stryker Bros. Reserve, Stryker Bros. Champion sow over 1 year, Stryker Bros. Reserve, Stryker Bros. Champion sow under 1 year, G. W. Roberts. Reserve, Jos. M. Baier. Grand champion boar, G. W. Roberts. Reserve, Stryker Bros. Grand champion sow, G. W. Roberts; reserve, G. W. Roberts. Berkshires. Boar, 2 years old and over: 1st, C. A. Downs. Boar, 12 months and under 18: 1st, G. W. Rummel; 2nd, G. W. Rummel; 3d, G. W. Rummel. Boar, 6 months and under 12: 1st, C. A. Downs. Boar, under 6 months: 1st, Stewart & Downs; 2nd, C. A. Downs. Sow, 18 months and under 24: 1st, G. W. Rummel; 2nd, G. W. Rummel. Sow, under 6 months: 1st, G. W. Rummel; 2nd, Stewart & Downs. Champion boar over one year: Stewart & Downs; reserve, G. W. Rummel. Champion under one year: C. A. Downs; reserve, Stewart & Downs. Grand champion boar: Stewart & Downs. Champion sow over one year: G. W. Rummel. Champion sow under one year: Stewart & Downs. Grand champion sow: Stewart & Downs. Four swine produce of same sow: 1st, Stewart & Downs; 2nd, G. W. Rummel. Four swine get of same sire: 1st, Stewart & Downs; 2nd, G. W. Rummel. Young herd: 1st, Stewart & Downs; G. W. Rummel. Duroc Jerseys. Boar, 2 years old and over: 1st, Agri. college & Hammond; 2nd, W. R. Crow; 3d, W. H. Williamson. Boar, 18 months and under 24: 1st, S. W. Alfred; 2nd, W. R. Crow. Boar, 12 months and under 18: W. H. Williamson; 2nd, J. R. Blackshire; 3d, J. S. Beam. Boar, 6 months and under 12: 1st, R. B. Martin & Sons; 2nd, J. S. Beam; 3d, J. S. Humphreys. Boar under 6 months: 1st, S. W. Alfred; 2nd, J. R. Blackshire; 3d, W. R. Crow. Sow two years old and over: 1st, J. R. Blackshire; W. R. Crow; 3d, W. R. Crow. Sow 18 months old and under 18: 1st, J. R. Blackshire; 2nd, J. S. Beam; 3d, J. R. Blackshire. Sow, 6 months and under 12: 1st, J. S. Humphreys; 2nd, R. B. Martin & Sons; 3d, W. R. Crow. Sow under 6 months: 1st, Hammond & Kansas Agri. College; 2nd, Hammond & Kansas Agri. College. Champion boar over one year: Hammond & Kansas Agri. College; reserve, S. W. Alfred. Champion boar under one year: S. W. Alfred; reserve, R. B. Martin. Champion sow over one year: J. R. Blackshire; reserve, J. R. Blackshire. Champion sow under one year: Hammond & Kansas Agri. College. Grand champion sow under one year: Hammond & Kansas Agri. College; reserve, S. W. Alfred. Grand champion sow: J. R. Blackshire reserve, Hammond & Kansas Agri. College. Four swine produce of same sow: 1st, Hammond & College; 2nd, J. S. Beam. Four swine get of same sire: 1st, Hammond & College; 2nd, R. B. Martin. Aged herd: J. R. Blackshire, 1st. Young herd: 1st, Hammond & College. Chester Whites. Boar, 18 months and under 24: 1st, H. L. Bode; 2nd, H. L. Bode. Boar, 12 months and under 18: 1st, W. R. Crow. Boar, 6 months and under 12: 1st, H. L. Bode. Boar, under 6 months: 1st, W. R. Crow; 2nd, H. L. Bode. Sow, 2 year old or over: 1st, H. L. Bode; 2nd, H. L. Bode. Sow, 18 months and under 24: 1st, H. L. Bode. Sow, 12 months and under 18: H. L. Bode. Sow, 6 months and under 12: H. L. Bode. Sow, under 6 months: 1st, H. L. Bode; 2nd, H. L. Bode; 3d, H. L. Bode. Champion Boar over one year: H. L. Bode; reserve, W. R. Crow. Champion boar under one year: H. L. Bode. Reserve, W. R. Crow. Champion sow over one year: H. L. Bode. Reserve, H. L. Bode. Reserve, H. L. Bode. Grand champion boar: H. L. Bode. Grand champion sow: H. L. Bode. Four swine produce of same sow: 1st, H. L. Bode; 2nd, W. R. Crow. Four swine get same sire: 1st, H. L. Bode; 2nd, W. R. Crow. Aged herd: H. L. Bode. Young herd: 1st, W. R. Crow; 2nd, W. R. Crow. Hampshires. J. S. Price, Medora, Kan. only exhibitor winning 13 1st prizes, 6 2nds and 3 3ds. (Continued on page 19.)

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R. T. KREIPE, Secretary of the State Wide Fair held at Topeka last week.

yearling ewes, 2 ewe lambs: 1st, R. F. Fauntz; 2nd, J. Browning. 4 lambs, either sex, get of 1 sire: 1st, R. F. Fauntz; 2nd, Albert Bartram. Champion Ram: R. F. Fauntz; 2nd, Albert Bartram. Champion ewe: R. F. Fauntz. Hampshire—C. R. Doty, judge. Ram, 2 years or over: 1st, W. W. Waltmire, Raymore, Mo. Ram lamb, under 1 year: 1st, W. W. Waltmire; 2nd, W. W. Waltmire. Ewe, over 2 years: 1st, W. W. Waltmire; 2nd, W. W. Waltmire. Ewe, 1 year and under 2: 1st, W. W. Waltmire; 2nd, W. W. Waltmire. Ewe lamb, under 1 year: 1st, W. W. Waltmire; 2nd, W. W. Waltmire. 4 lambs, either sex, get of 1 sire: 1st, W. W. Waltmire. Champion ram: W. W. Waltmire. Champion ewe: W. W. Waltmire. Southdowns—W. W. Waltmire, judge. Ram, 2 years or over: 1st, C. R. Doty. Ram, 1 year and under 2: 1st, C. R. Doty. Ram lamb under 1 year: 1st, C. R. Doty. Ewe over 2 years: 1st, C. R. Doty. Ewe, 1 year and under 2: 1st, C. R. Doty. Ewe lamb, under 1 year: 1st, C. R. Doty. Ram, 1 year or over, 2 yearling ewes, 2 ewe lambs: 1st, C. R. Doty. 4 lambs, either sex, get of 1 sire: 1st, C. R. Doty. Champion ram: C. R. Doty. Champion ewe: C. R. Doty.

SWINE.

The following awards in the swine exhibit have been announced: Berkshires—C. A. Stannard, judge: Boar, 2 years or over: First, Master's Longfellow, C. G. Nash, Eskridge, Kan.; second, Berryton Boy, J. M. Neilson, Marysville, Kan.; third, Miria's Ideal, L. A. Waite, Winfield. Boar 18 months and under 2 years: First, Beverly, L. A. Waite; second, King Robinhood, J. M. Neilson. Boar 6 months and under 12 months: First, Duke's Combination, L. A. Waite; second, Prince Dandy, C. G. Nash; third, Kansas Longfellow 2d, J. M. Neilson. Boar pig under 6 months: First, by Baron Duke 125th, Charles E. Sutton, Lawrence, Kan.; second, by Marco 2d, C. G. Nash; third, by Berryton Duke, W. H. Rhodes, Manhattan, Kan. Sow 2 years and over: First, Lady Polly, J. M. Neilson; second, Masterpiece Nugget, C. G. Nash; third, Georgetown, C. G. Nash. Sow 18 months and under 2 years: First, Lee Lady, L. A. Waite. Sow 12 months and under 18 months: First, Bell Pearl 2d, C. E. Sutton; second, Box Elder Farm Type, C. G. Nash; third, Lady Leal, L. A. Waite. Gilt 6 months and under 12 months: First, Miss Royal Robin, C. E. Sutton; second, College Martha B., J. H. Neilson; third, Lady Princess 40th, L. A. Waite. Gilt under 6 months: First, Bacon Lee's Girl 4th, W. H. Rhodes; second, Zella Joy, C. G. Nash; third, Bacon Lee's Girl 3d, W. H. Rhodes. Boar and 2 sows over 1 year:

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# HOME CIRCLE



## My Lost Youth.

Often I think of the beautiful town  
That is seated by the sea;  
Often in thought go up and down  
The pleasant streets of that dear old town,  
And my youth comes back to me.  
And a verse of a Lapland song  
Is haunting my memory still;  
"A boy's will is the wind's will,  
And the thoughts of youth are long, lost thoughts."

I can see the shadowy lines of its trees,  
And catch, in sudden gleams,  
The sheen of the far-surrounding seas,  
And islands that were the Hesperides  
Of all my boyish dreams.  
And the burden of that old song,  
It murmurs and whispers still:  
"A boy's will is the wind's will,  
And the thoughts of youth are long, long thoughts."

—H. W. Longfellow.

## Summer Rain.

Today is one of those dreamy days,  
With the sky in her mourning gown,  
The sun's bright face spread over with haze,  
And the rain is pouring down.

It is pleasant for neither man nor beast,  
But the flowers and things seem glad;  
I know that they all enjoy the feast,  
For this morning they looked so sad.

But now they are raising their beautiful lips  
To drink God's glistening ale;  
Each thankful seems as its daintily sips  
And there's gladness o'er hill and dale.

The birds are resting and chirping soft,  
Some in the trees by the door;  
Some are under the eaves in the loft  
And the bird house is sheltering more.

They seem to know "God's will be done,"  
And tomorrow it will be dry;  
They will dart about in the summer sun,  
And give thanks to the Lord with their cry.

It is sweet Mother Nature nursing her young,  
This raining is one of her duties;  
And down thro' the ages the praise will be sung  
Of her varied and marvelous beauties.

—James P. O'Neill.

## Domestic Science at Manhattan.

Nothing fanciful is attempted in the domestic science courses for girls as given at the Kansas State Agricultural College. The course in cookery includes the study of stoves and stove management, fuels, the cookery of cereals, vegetables, meats, the baking of bread, cakes and pies; the serving of meals, study of diet in relation to disease, canning, preserving, salads, etc. It includes a full course in hand and machine sewing, basting, darning, mending, drafting, cutting, fitting and making of underwear, plain dresses, and also a woolen dress. It includes a full course in vegetable gardening and floriculture with practical instruction in the growing of early and late vegetables, hot beds, cold frames, winter gardens, etc., culture of flowers, etc.

Girls to be admitted to the course must be at least eighteen years of age. Girls between eighteen and twenty-one should bring a common school diploma or certificate; otherwise they will be expected to take a simple examination in reading, writing, spelling, arithmetic, grammar, geography, physiology and United States history. Persons over twenty-one will be admitted without an examination, but should have a fair common school education.

## Braiding is Much Used This Season.

The long loose wraps of darned and braided net are so seductive that few women will voluntarily go through the season without them, says Helen Berkeley-Lloyd in the Delineator for August. Besides soutache, there are several new and very pretty braids that are being used on both coats and dresses. The silk braid of French origin is one of the most attractive, while the wide flat braids, woven in an undulating design, are most decorative in effect. It takes remarkably little time to adorn an entire coat or dress with one of these new braids, which require infinitely less handwork than the finer soutache and rat-tail braids.

I saw a smart muslin dress the other day of which the entire yoke of the skirt and the greater part of the blouse were braided with a rather wide braid woven in a raised design that closely resembled silk embroidery. The lower part of the skirt was in seven gores with a cluster of shallow tucks at each seam where the skirt was joined to the yoke.

The waist was a sort of over-blouse, cut into a wide bib at the center of

the front. The bib-like section was fastened to the sides of the jumper with little crocheted chains and Dresden buttons. The entire blouse was braided like the yoke of the skirt in an irregular design of no special pattern or purpose. The dress was of a pale Quaker-gray muslin worn with a guimpe of tucked gray net.

## Growing Peonies.

The recent development of this remarkable flower is one of the triumphs of floriculture. A field of hundreds of varieties in full bloom surpasses anything else on earth. It is as if the rainbow had been taken to pieces and the mantles had been torn from the stars and molded into gems and a dull piece of earth covered with splendor let down from paradise. Over them hang billows of fragrance. You seem to wade in it while you revel in a beauty prophetic of the "glory to be revealed."

You pass by and are welcomed as a God. It is as if ten thousand beautiful maidens were making their toilet to receive you, dressed in garments such as no queen ever wore, while they worship you with incense.

There are now 3,000 named varieties of peonies, and the number is increasing. Some are tiny single ones. Others are immense double blooms, often seven or eight inches across. Some are variegated, and others are of one color. In fragrance, one has a delicate odor of a pond lily, another that of the heliotrope. The splendid *Humei* is cinnamon scented, and many of them have the fragrance of the rose.

Some, like Baroness Schroeder, are ethereal in their beauty, as if they might float away, while the queenly *Festiva Maxima* is a mass of purest white, with drops of carmine sprinkled in the center. Karl Rosenfield—a costly one as yet—is a ball of velvety crimson wrapped in a reflex which seems to linger like a halo about it.

The old standard sorts which will always be favorites, are quite reasonable in price and can be had at \$3 per dozen. Some of the newer and rarer kinds sell at from \$3 to \$10 per root. I paid the latter price for one called *Loveliness*, and I think I made a good purchase. The flower is large, glistening pink, and deliciously fragrant.

When you remember that you can secure from 500 to 1,000 plants from one in ten years' time, the first cost is not so great. It is the old story of difference between thoroughbreds and scrubs.

September, of course, is the time to plant peonies, yet early in the spring does very well. I have planted thousands as late as May, and within a month sold blooms from them.

Don't be stingy in your planting; plant masses of them. You can now get a very choice mixture for \$10 per 100, and there will be some dollar varieties among them too. When peonies are grown in large lots, some stakes will be lost, others will have names erased by weather, and there may be doubt as to the different varieties, and so these plants go into the mixed lots. These mixtures can be planted and you will have a prodigality of color, and you can choose your favorites after they bloom. In the meantime you have spread a carpet of splendor over a somber piece of earth and have glorified your home. So plant peonies, lots of them—and plant them next spring.—C. S. Harrison, in Wisconsin Agriculturist.

## Keeping Worms from Dried Fruit.

Not every one can have a fruit- evaporator, and fruit dried in the sun, especially peaches, have eggs deposited by the miller, which hatch into worms.

After the fruit has been dried it may be subjected to a high temperature by placing in the stove oven, being careful not to let it scorch. Another way which we have found to be good, is to dip the fruit in boiling water, and allow it to remain a minute. The fruit should be left in the sack,

and sack and all be dipped. It will then require to be partially dried again, but as this may be done late in the fall after the millers have quit flying and before the eggs have hatched, the fruit may be dried for a day in the sun without fear of being molested.—H. F. Grinstead, Morrisville, Missouri, in Farm World.

## The Fairy Vine—A Story for Little People.

Once upon a time, a great many years ago, a funny looking little old man gave Hans and Nina Franz three seeds and told them to plant them in good soil, giving them enough room, and they would witness wonderful results.

Hans and Nina accepted the seeds with many thanks, for they were very poor, living with their old grandmother in a little hut at the edge of a great forest.

They had picked a basket of strawberries and given them to the little old man, and this is the way he rewarded them.

"Poor enough pay," said their grandmother "but it may have been all he had to pay with."

"He said to plant it in rich soil, to never clip or prune it or pluck a blossom, but just give it plenty of room and let it grow and grow until it could grow no more," explained little Hans.

"It must be a fairy vine," said their grandmother, as she dug a hole for them and watched them drop the seeds in.

It was a month or more before any of them thought any more about it, and, then, one day, when little Nina went out to play, she discovered a little vine and rushed with the news to her brother and grandmother.

Still but little attention was paid to it until weeks later, when a great yellow flower was found on it. The strangest part of it was that a little band of velvet-coated brownies seemed to be making a home of the blossom and were very happy.

Then Hans and Nina watched the fairies every day carrying out nuggets of gold, and they felt tempted, too, to take some and see if they could not sell it to get food and fuel before winter came on; but remembering how they had been forbidden to touch a blossom, they refrained and satisfied themselves by just looking.

The blossom only remained for a week or two and then turned into a tiny golden ball.

"Only a pumpkin," said their grandmother, with a sniff.

"A fairy pumpkin," said little Hans and Nina. "We'll let it grow as long as it will."

They did, and never a pumpkin grew faster. In two days, and it was as big as a teacup; in three, as big as a bowl; in four, as large as a wash basin, and in a week as large as a washing tub.

The grandmother now began to look at it with great interest and wonder how many pies it would make.

In three weeks it was as large as their little hut; in four, as large as a good sized house, and in six weeks as large as a great palace. Then came a frost and it stopped growing.

Was there ever such a pumpkin? We children thought not and wondered how they would ever get it to their hut. Grandmother said: "They could chop out little bits at a time," and she sent Hans for the ax, but by the time he got back with it the funny-looking little old man was there himself with a silver ax, and he was hacking it with all his might.

They all looked on in wonder as a hole became larger and larger, and then suddenly a whole band of imprisoned velvet-coated fairies burst out with laughter and singing, and with many tiny golden pickaxes they began to cut and carve the pumpkin here and there. A whole army worked and in a week there was a wonderful golden or pumpkin palace with 100 rooms in it.

Then all the fairies flew away, but returned the next day with 100 little horses to a wagon, filled with all kinds of dainty silken furniture. They were several days getting the palace furnished and then flew away.

No sooner were they gone than the funny-looking little old man appeared, and with many scrapes and bows presented the home to Hans and Nina, "as a reward," he said, "for strict obedience, for if they had but touched the blossom or fruit while growing it would have wilted and stopped growing at once."

How glad, then, little Hans and Nina were that they had obeyed! Their eyes were big with wonder as they wandered in the many rooms and saw the soft carpets, silken draperies, lovely pictures and everything to make them comfortable.

The two prettiest rooms in the house were communicating, one belonging to Hans, the other to Nina.

Their rooms were furnished in white and gold, and inside wardrobes with mirror doors were the prettiest clothes imaginable, and in a big chest under their beds was plenty of gold to buy all they would need to eat.

Hans and Nina and their old grandmother were never poor again, for the pumpkin palace lasted as long as they lived.—Exchange.

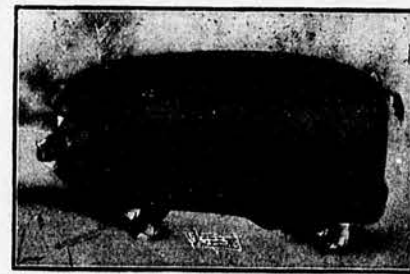
## Closing Out

# POLAND CHINA SALE

—AT—

## Emmet, Kan., Tuesday, Sept. 28

Seven miles northeast of St. Marys and 15 south of Onaga. 40 big type Polands, 10 tried sows, 5 fall gilts, remainder big husky spring boars and select gilts. The blood of Big Hutch, Growthy Perfection, Expansion, King Do Do, and other big sires. The young stuff is by the herd boar Emmet 51471 by the quite noted boar Designer. Emmet is included in the sale. The tried sows are money makers and just in their prime, among the best ones are Model Queen 2nd by Growthy Perfection 39402, Beatrice 5th by Beatrice 4th, daughters of Big Hutch. Their dam was Beatrice by noted boar Expansion. Four daughters of Lady Pondo, she by the great brood sow sire King Do Do. The dam of Emmet was Lady Thompson by Overland Chief. This is a good business herd and is only being dispersed because I have other business that claims my time.



I will also sell at private sale my 525 acre farm, well improved, 190 acres under cultivation, 15 acres timber, remainder pasture and meadow. Send bids to Jesse Johnson in my care.

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20 Herefords, 30 Angus  
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60 Shorthorns.

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7 Berkshires  
27 Duroc Jerseys  
27 Poland Chinas

This is our second annual sale and is being held in connection with the Woodson County Stock Show by far the best live stock show in the state outside a state fair. Every animal cataloged has been specially selected for this sale by a competent judge and the promise of future usefulness has been the prime consideration. At no other sale has the interest of the purchaser been safeguarded to such an extent as in this, for absolutely no unworthy animal will be offered. The offering includes males and females in each class good enough to go in any herd, and the size of the offering, all selected from the ops of the consignors' herds makes it safe to say that good bargains will be obtained. Plan to come and send for catalog stating breed desired.

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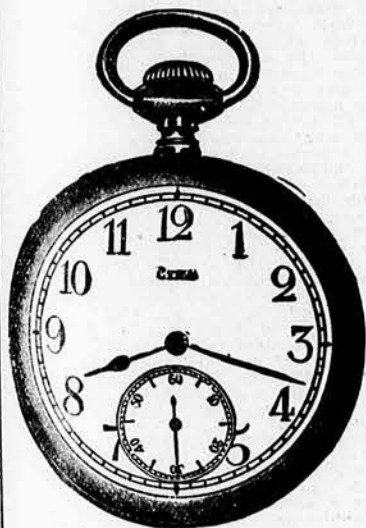
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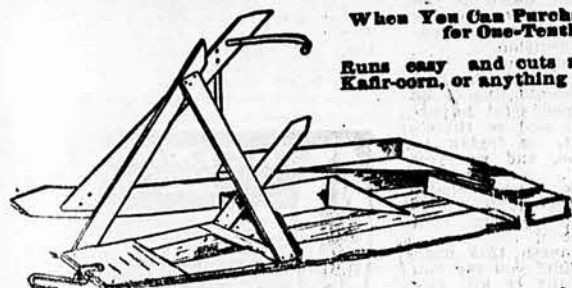
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Little Dale, aged five, when spending a night with his auntie was very much pleased over the prospect of buckwheat cakes for breakfast. He constantly reminded her that he could eat six, but when the cakes appeared they were so much larger than he had anticipated that, try as hard as he might, he could only eat three. "Why Dale," said his auntie, "what is the matter? I thought you would eat six." With chair pushed back and head down, the little fellow in very languid tones replied, "They ain't very good."—The Delineator for October.

### RECIPES.

#### Ham and Potatoes.

Chop a cupful of boiled ham very fine, add a little cayenne pepper and a large onion, finely chopped, a cupful of mashed potatoes and two eggs; mix well together, make into oblong patties and fry in butter and lard mixed in equal proportions.—The Housekeeper for June.

#### Fancy Eggs on Toast.

Boll six good fresh eggs and prepare six squares of toast. After eggs have cooked twenty minutes, chop white part into small pieces and run yolks through a sieve. Boll one cup milk, add one piece of butter rubbed into one tablespoonful cornstarch. Then add the chopped white of eggs and season with pepper and salt. Cover toast with the same, sprinkle yolks over top and set on hot platter and place in oven about one minute before serving.—Ex.

#### Bean Salad.

For this use the red kidney beans. Cook them until they are very tender in slightly salted water, but see that they are not broken the least particle. Drain very thoroughly and mix with them some Bermuda onions cut very thin chopped exceedingly fine. Mix these very lightly together and serve on lettuce or cabbage leaves with a plain French dressing. This salad is more suitable for a luncheon than a dinner. It is easily prepared and very delicious.—The Housekeeper for June.

#### Bake Fish in Paper.

The following method does away with fishy dishes, disagreeable odors, etc. Clean and wash the fish thoroughly, salt, pepper and flour it inside and out (sparingly), then roll in manila paper at least three times. Pinch the ends of the paper together, then fold back, and pin securely, to prevent the escape of the juices. Bake in a moderate oven, and allow fifteen minutes more than if baking the same fish in a pan. When ready to serve, remove the paper, to which the skin will adhere, and place the delicious, juicy meat upon the platter. Garnish as desired.—Woman's Home Companion for May.

#### Orange Bavarian Cream.

One envelope Minute Gelatine (Plain), one-half cup boiling water, one cup orange juice, the juice of half a lemon, the whip from one pint cream, sections of orange. Line a mould or earthen bowl with sections of orange. Whip a pint single cream and drain and chill the froth. Dissolve the gelatine in the boiling water, add the lemon juice, orange juice and sugar, and stir until the sugar is dissolved; set the dish in ice and water and stir until the mixture begins to thicken; lastly, fold in gradually the chilled whip from the cream. When the mixture is stiff enough to hold its shape, turn into the orange lined mould. To serve, immerse the mould to the brim a moment in warm water, loosen the mixture if needed at the top, tipping the bowl from side to side to make sure the cream does not adhere, and invert on a lace paper spread on a serving dish.—Ex.

#### Potato Salad.

Chop together enough salted cold boiled potatoes to fill the salad dish, and two onions, and place in the salad dish. Make the dressing as follows: Mash fine the yolks of three hard-boiled eggs, season with salt and mustard, add enough olive oil or melted butter to make a paste; mix thoroughly and add very gradually one cupful of vinegar, beating until well mixed with the paste.

#### Stuffed Beet Salad.

The night before the salad is wanted, boil until well done six Bermuda beets. When done, peel, cut off one end, and cut out the center with a sharp knife, leaving thick cups. Set them in vinegar one night. When ready to serve fill with chipped celery and mayonnaise dressing. Arrange the cups on lettuce leaves on a fancy dish, cover with the dressing and sprinkle with finely chopped parsley.

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**RICH MEN'S CHILDREN**  
By Geraldine Bonner  
Copyright 1906 by the Bobbs-Merrill Company.

(Continued from last week.)

Her father stared at her for the moment, chilled by a sense of unfamiliarity in her sudden assumption of an attitude of challenge and authority. He had often heard her inveigh against the divorces so lightly obtained in the world about them. He had thought it one of those pretty ornamental prejudices of hers, that so gracefully adorned her youth, and that he liked her to have when they did not interfere with anything of importance. Now, set up like a barrier in the path, he stopped before this one particular prejudice, perplexed at its sudden intrusion, unwilling to believe that it was not a frail, temporary obstruction to be put gently aside.

"Now listen, honey," said he persuasively, "that's all very well. I've got no right to interfere, and neither, we'll admit, has anybody. But sometimes you have to push away these little rights and polite customs. They're very nice for every-day use, but they're not for big occasions. I suppose the Good Samaritan didn't really have any right to stop and bind up the wounds of the man he found by the wayside. But I guess the feller he bound up was almighty glad that the Samaritan didn't have such a respect for etiquette and wait till he'd found somebody to introduce them."

"Oh, papa, that was different. Don't confuse me and make me seem a fool. I can't talk like you. I can't express it all clearly and shortly. I only know it's wrong; it's a sin. I wouldn't marry Dominick Ryan if he was divorced that way if it killed me to give him up."

"So if the woman voluntarily took the money and went away and got Dominick to grant her the divorce, Dominick being, as we know, a man of good record and spotless honor, you'd refuse to marry him?"

"I would, certainly I would. It would be perfectly impossible for me to marry him under those circumstances. I should consider I was committing a sin, a particularly horrible and unforgivable sin."

"See here now, Rosey, just listen to me for a minute. Do you know what Dominick Ryan's marriage is? I don't suppose you do. But you do know that he married his mistress, a woman who lived with him eight months before he made her his wife. She wasn't an innocent young girl by any means. She knew all right where she was going. She established that relation with him with the intention of marrying him. She's a darned smart woman, and a darned unscrupulous one. That's not the kind of woman a man feels any particular respect for, or that a girl like you'd give a lot of sympathy to, is it?"

"I don't see that that would make any difference," she said. "I'm not thinking of her character, I'm thinking of her rights. And don't her character and her rights sort of dovetail into each other?"

"No, I don't see that they do. The law's above the character or the person. It's the law, without any question of the man or the woman."

"Oh, Rosey, dear, you're talking like a book, not like a girl who's got to live in a world with ordinary people in modern times. This woman, that you're arguing about as if she was the mother of the Gracchi, hasn't got any more morality of principle than you could put on the point of a pin."

"She's been quite good and proper since her marriage."

"Well, now, let's leave her and look at Dominick's side. He marries her honorably and lives with her for nearly three years. Every semblance of affection that he had for her gets rubbed off in those three years, every illusion goes. He's tied to a woman that he can't stand. He went up to Antelope that time because they'd had some sort of a scrap and he felt he couldn't breathe in the same house with her. He told me himself that they'd not lived as man and wife for nearly a year. Now, I don't know what you're going to say, but I think to keep on living in that state is all wrong. I'll borrow your expression, I think it's a sin."

She answered doggedly: "It's awful, but she's his wife. Oh, if you'd seen her face when she talked to me, her thin, mean, common face, all painted and powdered and so miserable!"

He thought she was waverling, that he saw in this unreasonable, illogical dogging of the point at issue a sign of defeat, and he pushed his advantage.

"And you—girl of heart and feeling like you—would condemn that man and woman to go on living that life, that useless, purposeless life? I can't understand it. What good comes of it? What's the necessity for it? Do you realize what a man Dominick might be if he was married to the right woman, and had a decent home where he could live like a Christian? Why, he'd be a different creature. He'd have a future. He'd make his place in the community. All the world would be before him, and he'd mount up to where he belongs. And what is he now? Nothing. All the best in him's paralyzed by this hell of a box he's got himself into. The man's just withering up with despair."

It was almost too much. For a moment she did not answer, then said in a small voice like a child's: "You're making this very hard for me, papa."

"My God, Rosey!" he cried, exasperated, "you're making it hard for yourself. It's you with your cast-iron prejudices, and your obstinacy, who are making it hard."

"Well, I've got them," she said, rising to her feet. "I've got them, and they'll stay with me till I die. Nothing's going to change me in this. I can't argue and reason about them. They're part of me."

She approached the mantelpiece, and, leaning a hand on it, looked down at the fire. The light gilded the front of her dress and played on her face, down-drooped and full of stern decision.

"It's quite true," she said slowly, "that I love Dominick. I love him with the best I've got. It's true that I would like to be his wife. It would be a wonderful happiness. But I can't have it, and so there's no good thinking about it, or trying to bring it about. It can't be, and we—you too, papa—must give it up."

He pressed himself back in his chair, looking at her with lowering, sordid disapprobation—a look he had seldom had cause to level at his daughter.

"So you're going to condemn this poor devil, who loves you with whom you say you love, to a future that's going to kill any hope in him? You're going to say to him, 'You can be free, and make something of

your life, and have the woman you want for your wife, but I forbid all that. I'm going to send you back to prison. I can't seem to believe that it's my Rosey who's saying that, and who's so hard on a human."

Rose turned from the fire. He noted an expression almost of austerity on her face that was as new to him as the revelation of obstinacy and indifference to his will he had shown tonight.

"Papa, you don't understand what I feel. It's not what you want, or what I want, or what Dominick wants. It's not what's going to please us and make us comfortable and happy. It's something that's much more important than that. I can make Dominick happy and let him make his life a success at the expense of the woman. I can't take him out of prison, you call it, because he's got a responsibility on himself, and that he's got to stand by. A man can't stay by his marriage only as long as it's pleasant. He can't throw down the woman he's made his wife because he finds he doesn't like her. She's been disagreeable that's a mistake, but it doesn't liberate him from his promises he's made."

"Then you think when a man like Dominick Ryan, hardly more than a boy, makes a mistake that ruins his life, he's got to stay by it?"

"Yes, he must. He's given a solemn promise. He must keep it. Mistake or sin doesn't matter."

The old man was silent. He had presented his case as strongly and persuasively as he knew how, and he had lost. There was no longer any use in arguing with that unshakable feminine obstinacy rooted, not in reason but in something rock-like, off which the argument of reason harmlessly glanced. He had a dim realizing sense that at the bottom of the woman's illogical, whim-driven nature there was that indestructible foundation of blind, governing instincts, and that in that lay her power.

"I guess that let's me out," he said, turning to knock off the long ash on his cigar. "I guess there's no use, Rosey, you and me to try to come to an agreement on this matter."

"No, there isn't. And don't let's talk about it any more." She turned from the fire and came toward him. "But you must promise me one thing—that the woman is to be let alone, that no one—you or any one you have any control over—makes any more offers of money to her."

She came to a stand beside his chair. He wanted to hold out his hand to her, but he was afraid that she might not take it.

"Yes, I can promise that," he said. "I'll not offer her any more money. I don't want to see her again, God knows."

It was an easier promise to make than Rosey guessed. The old man, under an air of mild concurrence in her demands, experienced a sensation of cynical amusement at the thought that the first move for reopening of negotiations must come from Berny.

"Oh, yes, I'll promise that," he said amicably. "You needn't be afraid that I'm going to go on offering her a fortune. The thing's been done, the woman's refused it, and there it stands. I've no desire to open it again."

She leaned down to take his hand. He relinquished it to her with an immense lightening of his heart, and peace fell on him as he felt her rub her cheek against his knuckles.

"So you're not mad at the old man, after all?" he said almost shyly.

"No," she murmured, "not at him. I was angry at what he was doing."

It was a subtly feminine way of getting round the delicate points of the situation—that inconsistently feminine way which separates judgment of the individual from judgment of his acts. But it relieved the Bonanza King of the heaviest weight that had lain upon him for many years, and, for once, he gave thanks for the irrationalness of women.

"Well, good night, honey," he said, "matter what crazy notions you've got, you're the old man's girl all right."

She kissed him.

"And you won't forget your promise," she murmured.

"Of course not," he said stoutly, not sure just what she was alluding to. "Any promise I make to you stands put till the Day of Judgment. Good night."

When she left him, he lit another cigar, sank lower in his chair and stared at the fire.

It was a deadlock. In his helplessness the enraged helplessness of the man who had ridden triumphantly over all obstacles that fate had set in his path, his prevailing thought was how much he would like to kill Berny. She had done all this. This viper of a woman, the kind to tread on if she raised her head, had baffled and beaten them all. He could not murder her, but he thought with grim lips of how he could crush and grind her down and let her feel how heavy Bill Cannon's hand could be.

It seemed for the moment as if everything were over. They had reached a place where a blank wall stretched across the road. Berny's refusing the money had been a serious obstacle, but not an unconquerable one. Rose tonight had given the whole plot its death blow. With lowering brows he puffed at his cigar, groping in his mind for some way that might yet be tried. He could not brook the thought of defeat. And yet the more he meditated the more impregnable and unscalable appeared the wall that stretched across the way.

For some time after Rose had left Berny remained on the bench, not moving, her glance resting on that part of the path whence the young girl's figure had faded from view.

(To be continued next week.)

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PUBLISHERS' NEWS

Readers Market Place

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Fred A Walker Realty Co., 133 N Wichita, Kan., have an important announcement on another page of this issue. Look it up.

W. Fowler and Hoover of Emporia, can sell you a stock farm in Kansas for \$10,000. See description and price page — of this issue.

\$30.00 per acre you can buy a 200-well improved farm, close to Emporia, Write A. L. Wright, Emporia, Kan., full particulars and price.

Land close in to Wichita, Kan., selling for \$100 to \$150 per acre. Case & Co., the reliable real estate located over 103 West Douglas, Kan., have just listed a farm all cultivation, 4 miles from Wichita, at \$50 per acre. If you are looking for a farm we would advise that you go and look at this farm at once.

F. Smith, the veteran strawberry and specialist of Lawrence, Kan., was in attendance upon the State Wide Fair last year in charge of the Douglas county agricultural exhibit. Mr. Smith has the reputation of owning the only three pear-trees of the Vermont Beauty pear in Kansas. These trees were planted in 1900 and are now bearing for the first time. It proves to be a very choice variety. Smith won seven blue ribbons on pears, one blue ribbon on collection of pears consisting of eight varieties. The trees which bore this fruit were all planted by himself. He also won first prize on the exhibit under his charge.

Everything is in readiness for the third annual State Fair which will be held in Emporia City from Sept. 29 to Oct. 8. \$100 is offered in premiums and purses for the many special prizes that are offered by the representative business firms over the state. The Ft. Worth Stock Co. company offers a prize of \$25 each for the grand champion boar and the grand champion sow in the swine department and there are many like awards in the cattle, sheep and poultry departments of the fair, which are given outside of the regular premiums offered by the association. A new swine judging pavillion and the Agricultural Building will be dedicated this year during the fair. The stable space at the fair grounds has been doubled since last year and there are no better accommodations for live stock to be found in the west, than at the Oklahoma State fair. The grounds will be brilliantly illuminated by electric lights and the fair will be open day and night. \$60,000 has been spent this summer on improving the grounds. Many new permanent features have been added and Oklahoma now has one of the finest state fair grounds in the west. 250,000 visitors are expected.

Buy a Home On Easy Payments In Old Mexico.

The great latin Republic of Mexico under the magic hand of President Diaz is daily forging to the front and offering every inducement possible to encourage the production of American Capital. Pineapple Colony, at Pineapple City on Agna Plantation some sixty miles south of

Chapin & Nordstrom's Durocs. When Grant Chapin, of Green, and Ola Nordstrom, of Clay Center, Kan., bought great sows from Frank Elder and embarked anew in the Duroc business, friends of both parties knew that a strong combination had been effected. A visit to the Nordstrom farm where the hogs are kept will assure anyone that no mistake was made either in forming the partnership or in selecting foundation stock. The herd of G. C.'s Kansas Col., one of the principal herd boars is perhaps the best boar ever sired by King of Col's 2nd and Mr. Chapin considers him the best pig he has ever raised. Messrs. Chapin and Nordstrom have around 50 mighty fine growthy pigs of King of Col's 2nd, G. C.'s Col and G. C.'s Kansas Col. They are very growthy



OLA NORDSTROM
Expect rather more size than could be expected for their age. Mr. Nordstrom is well known as a great developer. There are about 25 boars for sale and perhaps the good gilts for sale privately. Among the most attractive herd boar prospects are four by King and out of a sow by Wayne, Kan., has selected one from this litter to head his good herd. A litter by G. C.'s Kansas Col. contains one of the best young boars on the farm. His dam was by Kelley's Pilot Wonder and her dam by Ohio Chief. Many of the litters are again. A few are out of sows by Morton's boar Red Special has done fine and because of having so much of the same kind of breeding he is offered for sale. He is by Kelley's Pilot Wonder and his dam was an Ohio Chief sow. Mr. Nordstrom's likeness appears with this field note. He will

Tampico on the great national highway, the federal canal between Tampico and Tuxpam is now being opened to American settlement by the Mexico Immigration, Land, and Fibre Co. of Wichita, Kan. See regular ad page — of this issue, write them for illustrated booklet, which contains a full description of the farms they are offering on easy payments.

Catalpa Trees Genuine. With this issue we are again starting the advertisement of the Wichita Nursery, located at Wichita, Kan. This firm is one of the oldest and most reliable in Wichita. They have satisfied customers over the entire southwest. Right now they are offering to sell you the genuine catalpa seed from the original Indiana speciosa trees at wholesale prices. They also handle other nursery stock at wholesale prices. We might add that we have known W. F. Schell, the proprietor of the Wichita nurseries for many years as a horticulturist. He is one of the oldest nursery men in Kansas and his reliability has never been questioned. Any one needing trees of any kind should send for their price list. They sell direct saving all agents' commissions. See card, page — of this issue.

Prizes For Dairy Butter. Notwithstanding the fact that in many, many sections of the country the establishment of creameries, cheese factories and milk-shipping stations has stopped almost entirely the making of dairy butter and relieving the housewife of this work, there are many owners of dairy cows so situated that the making of butter at home and marketing it direct to a critical trade is the most profitable outlet available. For the first time the National Dairy Show will recognize this branch of the dairy industry by offering gold and silver medals and diplomas to exhibitors of this class of butter. Only five pounds is required. This may be in prints, or better, in a solid packed package. This should be well wrapped in many thicknesses of paper and shipped express charges prepaid. The butter will become the property of the show. Write to Secretary, National Dairy Show, Milwaukee, Wis., for entry blanks and rules.

Convention Dates at National Dairy Show. The following conventions are scheduled to be held during the National Dairy Show: Friday October 15, students judging contest. Saturday, October 16, judging Ayrshires and Brown Swiss. Monday, October 18, judging Dutch Belted and Guernseys. Tuesday, October 19, International Milk Dealers Association, Official Dairy Instructors, Judging Jerseys and Holsteins, National Association, Ice Cream Manufacturers, National Dairy Union, Dairy Farmers Convention, Dairy Farmers Banquet. Wednesday, October 20, American Creamery Butter Manufacturers Association, Cow Testers Association, National Creamery Buttermakers Association. Thursday, October 21, National Creamery Buttermakers Association, Wisconsin Cheesemakers' Association. Friday, October 22, National Creamery Buttermakers Association. To judge Jerseys: C. T. Graves, of Maitland, Mo., has been chosen by the management of the National Dairy Show Association to judge the Jerseys. The judging of Jerseys will take place on Tuesday, Oct. 19.

send you a pig true to description. When writing mention this paper.

Galloways at Hutchinson Fair. The Galloways were represented by the herd of S. M. Croft & Son of Bluff City, Kan., and three head exhibited by Gabrielson & Son of Hutchinson, Kan. The cattle were a good useful lot but were not highly fitted. Nearly all classes were filled and made a very creditable showing. Croft & Son winning most of the honors without competition, Gabrielson & Son taking one first and one second.

Mosse at Topeka. A. Mosse, the good O. I. C. breeder located at Leavenworth, Kan., had a nice display at the State Wide Fair at Topeka. Although there were several large herds shown and as a result competition quite close Mr. Mosse succeeded in winning 2nd on yearling boar and 3d on under six months boar. Mr. Mosse always something good for sale. When writing him mention this notice.

Duroc Jersey Herd Boars. With this issue of Kansas Farmer H. A. J. Coppins is advertising some extra well bred Duroc Jersey boar pigs. These pigs are sired by Royal Improver, Perfect Improver, Chief Taterrax and King Ingomar, the fellows with plenty of quality. The dam of part of these boars was champion and grand champion at Wichita last year. The boars sired by King Ingomar are out of a granddaughter of Ohio Chief. The yearling boar is by Royal Improver and out of Modern Chief sow. She was bred by Watt & Foust of Camden, Ohio, and one of the best sows on the Coppins farm. This boar is a good thrifty hog and a bargain to some one needing a herd boar. One of the best spring boars is by Chief Justice, he by Model Chief Again and his dam was the sow that topped Mr. Coppins' last spring sale at \$100. She came from the good strain of Durocs, May Boy and Ohio Chief. Write Mr. Coppins for prices and kindly mention Kansas Farmer.

J. B. Smith's Jersey Cattle. It gives this paper pleasure to direct the attention of its readers to the announcement of J. B. Smith, one of the best known and successful Jersey cattle breeders and showmen in the entire west. This year Mr. Smith has exhibited at Iowa, Nebraska and Kansas State Fairs, winning at the three fairs a total of 39 firsts and 11 champions. Also winning butter test at Lincoln with both aged and young herd, and at Topeka won prize for most pounds of both butter and milk. These prizes were won in competition with all dairy breeds. And it is quite worthy of note that every animal in Mr. Smith's herd was bred by him with the exception of aged bull and cow. He also won at all three shows on get of sire and produce of cow. Mr. Smith has not failed to win first on young herd for seven years, which speaks well for his ability as a breeder. Any man of means can buy stock good enough to win but it isn't everyone that can breed and handle in such a manner as to produce prize winners. Mr. Smith has some good stuff in the female line for sale; also some young bulls out of cows with fine butter records. When writing him please mention Kansas Farmer.

HELP WANTED.

WANTED—A SOLICITOR WITH HORSE and buggy to drive through the country and solicit subscriptions. Address Circulation Manager, Kansas Farmer, Topeka, Kan.

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

WANTED—RELIABLE PERSON IN each community to tack up a dozen advertising posters of forthcoming book "A Curb to Predatory Wealth." Liberal recompense. Square Deal Club, Box 476, Berlin, Pa.

WANTED—LADY OR GENTLEMAN AS local representative in every Kansas county. Splendid chance to make good wages without great effort and no expense. Write for particulars. Address Circulation Department, Kansas Farmer, Topeka, Kan.

SWINE.

POLAND CHINAS, SHORTHORNS AND B. P. Rocks—Yearling boars, sows and gilts open or bred, also fall pigs. B. P. Rock eggs \$3 per 100. A. M. Jordan, Alma, Kan.

CATTLE.

WRITE J. H. JACKSON, "THE MAPLES" Nevada, Mo., your wants in registered Jerseys. Extra choice young bulls for sale at \$30 to \$50 each. Don't delay; write today.

TWENTY DOUBLE STANDARD POLLED Durham and Shorthorn cattle for sale including Kansas Boy X 2585, the noted State Fair winner and sire of State Fair winners. J. F. Staadt, Ottawa, Kan.

ALYSDALE SHORTHORNS—IN SERVICE—Prince Consort 187008, red; Master of Alysdale 241519, roan. For sale now, 10 registered, extra choice young bulls, from 8 to 16 months old. All red. Also 20 cows and heifers. Fine ones, at prices below their value. Let me show them to you. Charles W. Merriam, Columbian Building, Topeka, Kan.

DOGS.

TWO FEMALE COLLIES THREE months old, \$4.00 each. Henry Harrington, Clearwater, Kansas.

FOR SALE—COLLIES OF ALL AGES. Natural born cattle drivers. Pedigreed stock. Write for circular. Harry Wells, Belleville, Kan.

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

COLLIES OF ALL AGES FOR SALE—They are stock drivers, pets and home protectors, 260 head sold last year. Write for illustrated circular and prices. Would like to buy a few ferrets. Address Harvey's Dog Farm, Clay Center, Neb.

SEEDS AND PLANTS.

FOR SALE—ALFALFA TIMOTHY, BLUE grass and other grass seeds, seed buckwheat, turnip seed and other seeds for fall planting. Send for prices. The Barteldes Seed Co., Lawrence, Kan.

WANTED—NEW CROP MEADOW FESCUE or English blue grass, clover, timothy and other grass seeds. Please write us when you have any to offer. The Barteldes Seed Co., Lawrence, Kan.

LAWYERS.

A. A. GRAHAM, ATTORNEY AT LAW, Topeka, Kan.

MISCELLANEOUS.

PURE HONEY, TWO CANS 120 POUNDS, \$8.50 single can \$4.50. F. O. B. cars. W. P. Morley, Las Animas, Colo.

ALFALFA HONEY—CHOICE 120 LBS. extracted \$10; chunk, \$12; new cans. A. S. Parson, Rocky Ford, Colorado.

SHEEP.

FOR SALE—SHROPSHIRE RAMS; REGISTERED and ready for service. Ernest Gifford, Beloit, Kan.

MANURE SPREADER.

FOR SALE—A NEW MANURE SPREADER, never used, none better made. It is for sale for a special reason at considerably less than the list price. If you have been thinking of buying a manure spreader, and every progressive farmer is thinking about buying one, here is your opportunity to get an absolutely new one at a special price. Write quick. Address A. Turner, care Kansas Farmer, Topeka, Kan.

PATENTS.

PATENTS PROCURED AND SOLD; BIG money in patents; book free. H. Sanders, 115 Dearborn St., Chicago, Ill.

POULTRY.

SINGLE COMB BUFF ORPINGTON cockerels \$1.25 each, five for \$5.00. Saml. H. Davidson, R. 1, Eudora, Kan.

BARRED ROCKS—EXTRA FINE SPRING cockerels and breeding pens at half price now. Circulars. A. H. Duff, Larned, Kan.

REAL ESTATE.

NOTICE THE OTHER BARGAINS in Real Estate offered under Bargains in Farms and Ranches in this paper.

640 ACRES SMOOTH, UNIMPROVED wheat land; \$4,000. Clement L. Wilson, Tribune, Kan.

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

FOR QUICK SALE—200 ACRES FINE dairy and stock farm, \$3,500 worth of improvements, close to good town. Price \$5,800. Farms and ranches, all sizes. Write for lists. Garrison & Studebaker, McPherson, Kan.

FARM TO RENT FOR SEASON OF 1910, 10 miles northwest of Goodland, Kansas. 300 acres under cultivation, good improvements. A good farmer wanted. Must furnish references. J. A. Corkhill, R. 4, Goodland, Kan.

800 ACRES OF GOOD LAND IN LANE county for \$5,500.00. One nice quarter 8 miles from a station, \$1,200.00. 480 acre improved farm 3 miles from the county seat. Price \$6,000.00. E. E. Ewing, Dighton, Kansas.

CASH FOR YOUR FARM OR BUSINESS. I bring buyer and seller together. No matter where located if you want to buy or sell, address Frank P. Cleveland, Real Estate Expert, 1313 Adams Express Building, Chicago, Ill.

FOR SALE—FORTY ACRES, FINEST irrigated land in Rio Grande Valley, 1/2 mile from depot, suitable for sugar cane, onions, truck, fruit or forage, all in cultivation. Practice occupies my attention. Dr. Wild, Harlingen, Texas.

FOR SALE—WELL IMPROVED 60 acres, across the road from school. Price \$3,000. Well improved Lyon county ranch of 786 acres. Fine farm of 80 acres near Emporia. Several city properties. Hurley & Jennings, Emporia, Kansas.

EAST TEXAS LANDS. THE GREAT truck and fruit country. 223 acres fine land, rich and level, adjoining town of 2,000, 7-room dwelling in corporate limits. Price \$6,690. Write for further information. Carney & Ailday, Atlanta, Texas.

400 ACRES, 220 IN CULTIVATION, 80 alfalfa, crop, machinery, and 7 horses, \$10,000. Terms on part. 160 acres wheat farm, \$3,000. 80 acre alfalfa farm, \$2,400. Write for particulars. A. K. Thompson, Denmore, Norton County, Kansas.

SELL YOUR PROPERTY FOR CASH IN less than 90 days; properties and business of all kinds sold quickly in all parts of the world; send description today, we can save you time and money. The Real Estate Salesman, K Funke Bldg., Lincoln, Neb.

A BARGAIN IF SOLD SOON. 200 ACRE farm, located in southeastern Kansas, \$30 per acre. 100 acres Valley land in cultivation, 20 acre orchard, fenced hog tight, balance in hay and pasture. Good improvements. Full particulars on request. John F. Belt, Longton, Kan.

FREE HOMES FOR EVERYBODY UNDER the homestead and desert acts. Sulphur Springs Valley, Arizona, is fast settling. Water obtained at a depth as shallow as 4 1/2 feet. As fine alfalfa land as there is in the world. For further information address the McCall Realty Company, Cochise Ariz.

FOR SALE—355 ACRES 6 MILES NORTH of Ardmore, Okla.; 200 in cultivation; 7 room dwelling, 3 tenant houses, fine water, all fine black bottom land, partly in alfalfa; all fine alfalfa land; best farm in Carter county; all fenced, hog proof wire. Also other lands. W. P. Poland, Ardmore, Okla.

FOR SALE, TWO FINE FARMS. ONE of 340 acres, 1/4 mile west of Belton, Mo., and one of 700 acres, two miles north on rock road to Kansas City. Good improvements, never failing springs, 6 natural gas wells supplying about 50 families. Also 80 head of Hereford cows and calves and 5 herd bulls. Geo. W. Scott, Belton, Mo.

642-ACRE FARM, 2 1/2 MILES NORTH OF Wichita Falls; all smooth and level; 500 acres in cultivation; 100 acres in hog pasture; house, barn, granary, 2 good wells, with windmills. This place must be sold by September 25. It will take \$20,000 cash to handle this deal. Someone that can handle this can easily make \$6,000. Address J. L. Jackson, Wichita Falls, Tex.

SUNNY OZARK FARMS—WRITE FOR farm list and information. Grain, stock, truck and fruit farms. Short winters and delightful climate. Clear running streams and springs everywhere. Blue grass and clover. A few bargains: 315 acres, two houses, barn, all fenced; 160 acres in cultivation, mostly fine, valley land balance timber, \$4,950. 290 acres valley and upland farm; all fenced; house, barn, etc.; about half in cultivation \$4,750. 160 acres house, barn, etc., all fenced over 100 acres in cultivation, only \$2,450. Also many others. Dixon Land Co. Box 112, Dixon, Mo.



FIELD NOTES

FIELD MEN.

O. W. Devine.....Topeka, Kan.
Jesse R. Johnson.....Clay Center, Kan.
J. W. Johnson.....Beloit, Kan.

F. G. McDowell, Corning, Kan., changes his date from February 23 to Feb. 2, when he will offer a choice lot of Duroc Jersey hogs.

The American Royal, at the Kansas City stock yards, October 11-16, has now a permanent pavilion, steel and concrete, seating 7,000, for day judging and special feature programs, and the horse shows on four nights.

Reports from corn states are of contracts at 45 to 50 cents for corn—and a fine year for feeding; and the prospect is for as pretty a lot of feeding cattle on exhibition at the Royal, Kansas City, October, as a man ever saw.

The beef breeds—Hereford, Shorthorn, Galloway, Angus—are so called because they make beef quicker and cheaper than other breeds. The American Royal show and sales display the benefits of the injection of the blood from these breeds into a herd.

The federal department of agriculture announces the release of quarantine for lip and leg disease of sheep in that portion of Fremont county lying south of the Sweetwater River, Wyoming, and the placing in quarantine of Albany and Laramie counties of the same state.

J. B. Smith, of Beatrice, Neb., who won the championship honors on his herd of Jersey cattle at the Des Moines, Lincoln and Topeka fairs this year was unable to show in the junior heifer class by reason of an error in the premium list. He had not been notified of the correction of this error by the management in time to make the proper entries.

W. H. Williamson, of Raymond, Kan., is advertising a few choice spring Duroc boars for sale. Mr. Williamson won first prize at Hutchinson Fair this year on a junior yearling and third prize on aged boars in a strongly contested class. Mr. Williamson is offering a few bred sows for sale; also a few spring boars. Write for prices and description. Kindly mention Kansas Farmer.

S. M. Croft & Sons of Bluff City, Kan., have long been known as breeders of choice Galloway cattle and Southdown sheep. They are starting an advertising card this week announcing an offering of fine, strong, well woolled bucks. These are all pure bred but not recorded, and the quality of the animals make the prices named very attractive. Call upon or write Mr. Croft and you will receive fair treatment.

Adam Becker of Meriden, Kan., showed one of the finest Percheron mares that was ever seen on the fair grounds at Topeka. She is a massive animal of great bone and finish and a typical brood mare. Mr. Becker's example should be followed by other farmers in Shawnee and adjacent counties as each entry of this kind adds to the educational value of the fair and a personal interest to each farmer and his neighbors.

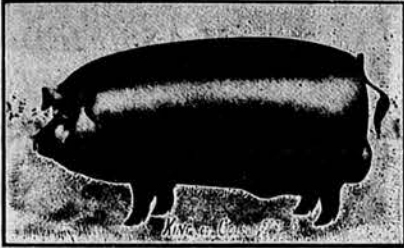
Chester Thomas of Waterville, Kan., makes an important change in his advertising card this week. He is offering about forty head of choice Duroc Jersey boars most of which were sired by Nebraska Wonder. Mr. Thomas' herd has long been established and is well known all over the west by reason of its strong infusion of Crimson Wonder blood. Attractive prices are offered on this bunch of boars and you are invited to either call and see them or write to Mr. Thomas and get detailed information and prices.

It would seem that Luther Burbank has rivals engaged in the business of producing new fruits and vegetables. Geo. E. Brown, an orchardist and truck gardener near Spokane, Wash., has succeeded in producing what he calls a lemon-cucumber which is described as being almost spherical, with a thick skin, sweet meat, large size and free stomach. It is neither a fruit nor a vegetable but a combination of both. He finds a ready sale for this product in the larger cities and is arranging to plant ten acres next spring.

Geo. W. Scott, the only surviving member of the firm of Scott & Marsh, Belton, Mo., who were so long famous as breeders of Hereford cattle, is now offering two splendid Missouri farms and the balance of his herd of Herefords for sale. One of these farms is a large one, containing 700 acres with 6 natural gas wells, which supply about 50 families. These farms are in a good location in a fine farming section of Missouri and are worth looking at. Call on or write Mr. Scott for full information and please mention Kansas Farmer.

The cut herewith presented is of the noted Duroc Jersey sire, King of Col's 2nd, now owned by Frank Elder of Green, Kan. It is contended by many of the best breeders that this is the greatest Duroc boar now living. The writer although not claiming to be an expert considers him at least the greatest boar of the breed west of the Mississippi. He is a boar of great size, depth, heavy bone and the greatest back and loin possible. Not only has he these excellent points so fully developed but every pig he sires has them. You can tell one of his pigs at a glance. They all have that wonderful back and spring of rib. Mr. Elder's friends think he made a fine move when he made the deal by which he came into possession of such a great sire and at the same time bought about the best lot of sows ever owned by one Kansas breeder. A recent visit to Mr. Elder's farm reveals the fact that Mr. Elder's ability as a developer is unequalled and he has at this time for sale 50 of as good boars as was ever seen in one herd. There are many herd boar prospects among them three extra good ones by King and out of a Model Chief Again dam. Three out of the show sows Francis and by King. Several out of Miss Burr Oak, the famous little Bell farm sow. These are also by King. At a recent sale held by a big eastern breeder a boar sired by a

Model Chief Again sow and sired by King of Col's 2nd was next to the top selling \$155. Mr. Elder has recently sold a pair of very fine boars to Rhinehart & Slagle



of Smith Center. Mr. Elder had decided not to hold a fall sale but will sell privately. If in need of a boar here is the place to buy them worth the money. Mention Kansas Farmer.

Holsteins at Hutchinson Fair.

H. N. Holderman of Meade, Kan., had a nice exhibit of Holsteins filling most of the classes and making the strongest showing of any of the dairy breeds.

Wheat Land in Lane County.

Warren V. Young, one of the hustling real estate men of Dighton, Lane county, Kan., is offering some bargains in wheat farms. Write him for bargain list and kindly mention Kansas Farmer.

Guernsey Cattle at Hutchinson Fair.

Fredrick Houghton, of Galva, Kan., exhibited the only kind of Guernsey cattle shown, and was well pleased with his treatment. Mr. Houghton has an excellent herd of this breed of cattle. There should be more of them in Kansas.

Ben Bell's Sale Oct. 25.

B. M. Bell, the big type Poland breeder, located at Beatrice, Kan., has changed his boar sale from Oct. 13 to Oct. 25. This makes it possible for prospective buyers to attend that might be kept away on account of wanting to attend the American Royal.

Frank Hadachek Fall Sale Off.

F. C. Hadachek, the Berkshire breeder of Wayne, Kan., has cancelled his fall sale date and will sell all his boars at private sale reserving his gilts for his winter sale. Parties in need of boars should write Mr. Hadachek at once mentioning Kansas Farmer.

Red Polled Bulls For Sale.

C. E. Foster, successor to Foster & Son, at Eldorado, Kan., are offering some choice young bulls for sale, also a few choice cows and heifers. These cattle are priced right for quick sale. They are all reds and in good condition. Kindly mention Kansas Farmer when writing.

Registered Guernsey Cattle.

Fredrick Houghton, of Galva, Kan., is starting a card in Kansas Farmer advertising his valuable herd of Guernsey cattle and Poland China hogs. Mr. Houghton has some very highly tested cattle and is pricing them reasonable for quick sale. Write him your wants. Kindly mention Kansas Farmer.

Lynch's O. I. C. Hogs.

Farmers and breeders that like O. I. C. swine should be interested in the advertisement of W. H. Lynch, one of the state's best O. I. C. breeders. He has for sale about 75 choice spring pigs that he is pricing worth the money. He can furnish pairs and trios not related. Mention Kansas Farmer when writing.

Prize Winners Go In Sale.

In the Aberdeen Angus sale to be held by Chas. E. Sutton, at Lawrence, Kan., Oct. 2, Mr. Sutton will include most of the show herd including the first prize heifer at Hutchinson, Kansas, State Fair held last week. Don't fail to arrange to attend this sale of high class cattle. Kindly mention Kansas Farmer when you write for a catalog.

Crow's Duroc Jerseys.

With this issue, W. R. Crow, of Hutchinson, Kan., is renewing his card. Mr. Crow is the proud owner of Climax Wonder,

one of the best Duroc boars in Kansas. Climax Wonder is sired by Old Missouri Wonder and out of a Chief Climax sow. This boar weighs 1,100 pounds and could be made to weight 1,200 with a little fitting. Mr. Crow has over 100 head to select from and he is pricing them very reasonable. Write for prices and description. Kindly mention Kansas Farmer.

Nielson's Berkshires.

J. M. Nielson, the hustling Berkshire breeder of Marysville, Kan., had a nice display at State Wide Fair at Topeka. His winnings in quite strong competition was as follows: Grand Champion sow. She is one of the good ones and a litter mate to Revelation, the sire of Reverly Grand Champion boar; second on aged boar, second on Senior yearling boar, second on herd over one year; and third on herd under one year. Mr. Nielson has a fine lot of young stock for sale. When writing him please mention this paper.

Lucky Roberts.

G. W. Roberts of Larned, Kan., cleaned up the platter at the Kansas State Fair winning on Senior Poland China boar, 1st and 2nd; boar under one year, 1st and 3rd; boar under six months, 2nd; sows under one year, 1st, 2nd and 3rd; produce of sow, 1st; get of boar, 1st; young herd, 1st; senior champion boar, 1st; sow under one year 1st; junior champion sow; reserved grand champion sow and grand champion boar. In addition to this Mr. Roberts won first premium on the best bushel of milling wheat.

Lobaugh's Big Poland's.

Farmers and breeders that are in the market for big growthy smooth spring boars should correspond at once with A. C. Lobaugh, of Washington, Kan. He has the sort that will please. There are 75 to select from sired by the big boar Chief bred by Peter Mouw and Kansas Ex, a wonderfully smooth big boar sired by Expansive, he by old Expansive. The pigs are well grown out and have been fed and brought up in a way that insures their future usefulness as breeders. Write at once mentioning Kansas Farmer.

The Big Smooth Kind.

J. W. Pelphrey & Son, of Chanute, Kan., are planning to hold one of the best sales on Nov. 3 they have ever pulled off. Their herd boar, Eric Expansion, weighed at 18 months old 610 pounds and is one of the large smooth kind and has proved one of the best breeding boars we know of. The pigs in the Pelphrey herd are all good, not a runt or poor one among them. Mr. Pelphrey & Son know how to grow hogs. They are good feeders and give their hogs the proper care to develop them right. Send in your name for their Nov. 3 catalog and arrange to attend their sale. Kindly watch Kansas Farmer for further mention of this sale.

Judges at the 1909 Royal.

The judges so far decided upon, and who have agreed to serve at the American Royal October 11-16, are: Shorthorns—J. F. Green, Gregory, Tex.; T. E. Robson, Elderton, Ont., and Chas. Herr, Lode, Wis. Angus—S. W. Johnson, Delphia, Ind. Herefords—S. W. Anderson, Blakemills, West. Va.; Thos. Mortimer, Madison, Neb.; H. C. Duncan, Osborn, Mo. Galloways—Calvin Ewing, Youngtown, Ohio. Horses—All breeds of draft and coach horses, W. E. Prichard, Ottawa, Ill. Sheep—All breeds, Abe Renick, Winchester, Ky. Poultry—C. H. Rhodes, Topeka, Kan.; Victor Hobbs, Trenton, Mo.

Stryker Bros. Well Pleased.

The well known herd of Poland Chinas owned by Stryker Bros., at Fredonia, Kan., won the following at the Kansas State Fair last week: Boar under 1 year, 1st boar under six months, 1st and 2nd reserved champion boar under one year, 1st sow two years old, 1st sow one year old, 1st junior champion boar, 1st champion sow, 1st reserved censor champion sow, reserved grand champion boar, grand champion sow, get of boar 3d, young herd 3rd. There was a strong class shown and it was a nice compliment on the part of Stryker Bros. to bring out such a valuable herd of Poland Chinas.

The Judging Contest.

The students' live stock judging contest this year will be the third event of the kind at the American Royal. Any stu-

Light your home with a hollow wire instantaneous lighting gasoline lamp convenient as electricity at fourth the cost to operate. Write for catalog. Wanted. Gloria Lighting Stormont Bldg, Topeka, Kan.

OREGON FREE Richly Illustrated Booklets of FRUIT GROWING, FARMING, DAIRYING, and other opportunities ASK QUESTIONS FORBID COMMERICAL CLUB PORTLAND, OREGON Remember, you can buy tickets to other points in Oregon as cheap as Portland IS THE PLACE FOR YOU

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\$50 TO \$300 SAVE We are manufacturers, not merchants. Save dealer, jobbers and catalog house profit. I'll save you from \$50 to \$300 on my High Grade Standard Gasoline Engines from 2 to 22-H.P.—Price direct to you lower than dealers or jobbers have to pay for similar engines in carload lots for spot cash. GALLOWAY Price and quality speak for themselves and you are to be the sole judge. Sell your poorest horse and buy a 6-H.-P. only \$119.50

30 HEAD REGISTERED AND HIGH GRADE JERSEY CATTLE AT THEIR FARM, 1 MILE NORTH OF PIERCE CITY, MO., THURS., SEPT. 30 This sale will consist of 30 head of cattle, 15 head of Registered Jerseys, and 15 head of High Grade Jerseys; also 65 head of Hogs, 25 Registered with papers, and 40 head of High Grade sows and pigs, 10 sows with pigs. This is a good lot of cattle, as the cream from our cows tested 44 per cent at the Pierce City Creamery. Five Bulls Registered—No. 1, Herd Male, Maude's Tormentor Pedro. No. 2, 6 months old calf, registered. No. 3, 8 months old calf, registered. No. 4, 8 months old calf, registered. No. 5, 4 months old calf, registered. Five High Grade Yearlings and Calves—No. 1, from dams testing 5 per cent cream. No. 2, from dams testing 5 per cent cream. No. 3, a yearling every one will want. No. 4, one that will make the butter. No. 5, if you are looking for something extra, this yearling will fill the bill. Five Registered Milch Cows—No. 1, born in Old Kentucky, light fawn. No. 2, dark squirrel color. No. 3, light fawn color. No. 4, Mona's handsome Fern. No. 5, Golden Jolly. Five Yearling Jersey Heifers, Registered—No. 1, Daisey. No. 2, Flora. No. 3, Molly. No. 4, Thistle. No. 5, Topsis. Five Registered Jersey Cows—No. 1, cream test 5 per cent milk, 4 gallons per day. No. 2, cream test, 5 per cent butter cow. No. 3, cream test 5 per cent butter cow. No. 4, milk five gallons per day. No. 5, milk four and a half gallons per day. Ten Registered Poland China Glits and Brood Sows, 41555—No. 1, sow Maud. No. 2, 26466. No. 3, sow, Perfect Sunshine, 45243. No. 4, sow, Polly, the 6th, 99708. No. 5, sow, Princess Bess, 77328. No. 6, sow, Princess Bess, the 2nd 99708. No. 7, Polly, the 6th, 45243. No. 8, Early Alice. No. 9, Village Queen, 112120. No. 10, Lady Alice 112121. No. 11, Thistle Top 103321. Five Good Milch Cows, 3/4 Jersey—No. 1, dark red 3/4 Jersey, 8 years old. No. 2, red with white spots, 7 years old. No. 3, three year old heifer, fresh in December. No. 4, two year old heifer, fresh in February. No. 5, dark red 3/4 Jersey, fresh in December. Ten Head of Registered Poland China Boars—No. 1, boar, Whitesock 32101. No. 2, boar, Expansion 26466. No. 3, boar pig, 6 months old, registered. No. 4, boar pig, 6 months old, registered. No. 5, boar pig, 6 months old, registered. No. 6, boar pig, 6 months old, registered. No. 7, boar pig, 6 months old, registered. No. 8, sired by Expansion, registered. No. 9, boar pig, sired by Expansion, registered. No. 10, boar pig, sired by Expansion, registered. TERMS OF SALE—Nine months time, with approved or bankable notes, to draw no interest from date, if paid when due; if not, to draw 8 per cent interest from date. We give a discount of 8 per cent for cash. All sums under \$10 cash. Catalogs ready; send for one, if interested in good stock. Sale to commence at 10 a. m. rain or shine. Auctioneers. Col. Al. Hudson, Fairview, Mo.; Col. Zaun, Independence, Mo. Mrs. Lou Finch, Bosworth, Mo., Clerk. MRS. WM. BRITE & SON, "Sunny Crest Farm," One Mile North of Pierce City, 5 Miles West of Monett, Mo.



# The Big Agricultural Fair of North Central Kansas

## BELOIT, MITCHELL COUNTY, KAN.

### SEPTEMBER 28, 29, 30, AND OCTOBER 1, 1909

Mitchell County's Fair Grounds at Beloit, Kan., is a beautiful natural park and located within walking distance from the business district of the city. This is Mitchell county's seventh annual fair. Mitchell county is noted for the number and excellence of its herds of pure bred stock. There are over 200 head of pure bred horses in the county and a very large per cent of this number will be exhibited at this fair. Among the noted horses will be seen MacDuff, the Percheron stallion that won as a yearling first at the International and first at five state fairs the same season, which was 1906. Also Pioneer that was raised in this county and exhibited at the International in 1906 as a yearling, winning second in the American class and fourth in the free for all class. Also Mutl, the Oldenburg German Coach mare that won first at St. Louis World's Fair and was three times winner at the International and many others of the leading shows of America. Space will not permit mention of all of the attractions of this great horse show. There are 12 herds of registered Shorthorn cattle, three herds of Herefords, three of Angus and one of Holstein Freisians. There will be numerous attractions in the cattle exhibit. One attraction will be Castor, the two year old Hereford bull that won last season at the Iowa state fair and also at the International and many other leading shows and winning altogether more first in one season than any other bull ever shown. The Shorthorn breeders will fill every class with animals that would be a credit to any herd in the land and many of them have won at the Royal and elsewhere. The Angus class will, while not as many in numbers, be extra strong. Five breeds of hogs are bred in the county and will be represented at this fair.

Besides the live stock show there are other attractions that are being arranged for that are highly entertaining as well as instructive. There will be a fine art exhibit, also a very extensive exhibit of minerals from the famous Wacanda Springs, also in this county. A big flower parade on Friday. Exhibits of all kinds of grains and other instructive features that will occupy every minute of time. Best of hotel accommodations are to be had in Beloit. Everybody invited.

**W. S. GABEL, Sec'y.**

**E. C. LOGAN, Pres.**

## AMERICAN ROYAL

Stock Yards, Kansas City

### October 11-16, 1909

National show of pure bred beef cattle, Draft and Coach Horses, Swine, Sheep, Angora Goat Associations. Range Cattle, Poultry, Mules. WEST'S GREATEST LIGHT HARNESS HORSE SHOWS, Four nights, and special features during the day, in new permanent pavilion. Public and private sales of breeding and feeding stock.

TOO LATE TO CLASSIFY.

TOO LATE TO CLASSIFY.

### 25 GOOD BOARS 25 SELECT GILTS

Durocs by King of Col's 2nd, G. C.'s Col. and G. C.'s Kansas Col., excellent individuals and out of daughters of Model Chief Again, W. L. A.'s Choice Goods and other like sires. Also an extra yearling by King and out of an Ohio Chief sow.

**CHAPIN & NORDSTROM, Green, Kansas.**

### 50 DUROC JERSEY BOARS KING OF COL. 2ND BLOOD 50

I have decided not to hold full sale and these are for sale privately. They are out of as good sows as the breed affords, and we have them by King of Col's 2nd, P. C.'s Col. and other good boars. Plenty of herd boar prospects.

**FRANK ELDER (Successor to Grant Chapin, Green, Kansas.)**

### SIX BRED GILTS FOR SALE.

Sired by the Peter Mouw bred boar, Chief, and out of Big Tecumseh bred sows. Will breed them to my Expansive boar, Kansas No. 1, and ship them when safe at \$25 each. Also spring pigs both sexes.

### BERKSHIRE BOARS AND GILTS

For sale. Long bodied smooth spring pigs. The best breeding and excellent individuals. No culls shipped. Visitors welcome.

**J. M. NIELSON, Marysville, Kansas.**

### 75 CHOICE O. I. C. PIGS.

Big and growthy, by four different sires. Pairs and trios not related. The best blood lines and satisfaction guaranteed.

**W. H. LYNCH, Reading, Kansas.**

### FOR SALE.

12 bulls, 12 to 18 months; 20 cows and 11 calves for sale.

**SHAW BROS., Glade, Phillips Co., Kan.**

### FOSTER'S RED POLLS.

7 choice young bulls and a few good females for sale. My prices are right. Come and see my herd.

**C. E. FOSTER, Eldorado, Kansas.**

### PRIZE WINNING JERSEY CATTLE.

This fall we have won 39 firsts and 11 champions at the state fairs of Iowa, Nebraska and Kansas. Females any age for sale, also bulls from cows making 16 to 20 pounds of butter per week. Herd established 15 years.

**J. B. SMITH, Beatrice, Nebraska.**

When writing advertisers please mention Kansas Farmers.

### Greenbush Farm Southdowns

We have 50 head of strong, well woolled Southdown bucks for sale. They are pure bred but not registered. Twenty dollars for single sheep or \$15 per head for the bunch. Call on or address

**S. M. CROFT & SONS, Bluff City, Kan.**

Student of an agricultural college, or farmer's son under 25 years of age, may enter. Ten prizes, aggregating \$200, are offered for individual judging, and the Kansas City Stock Yards cup is competed for by teams from colleges. This cup was won first by the Ames, Ia., school, and last year by Manhattan. The cash money both years was awarded to both students and farmers' sons. W. L. Nelson, Columbia, Mo., assistant secretary of the state board of agriculture, is superintendent of the judging contests.

### Chester Thomas' Jersey Cattle.

Chester Thomas of Waterville, Kan., has an advertisement in this issue of Kansas Farmer in which he offers to sell his entire herd of Jersey cattle. This is one of the most valuable herds to be found anywhere and it has been a great delight to Mr. Thomas besides being very profitable to him but the matter of securing competent help has become such a problem that he has at last decided although reluctantly to sell out. This splendid herd was founded with stock from the best herds and the poor ones have been discarded from year to year. So that nothing but choice individuals now remain. If interested write Mr. Thomas at once mentioning Kansas Farmer.

**A. Cocoran's Closing Out Poland Sale.** Sept. 28 is the date of A. Cocoran's closing out Poland China sale. Mr. Cocoran lives about one mile from the town of Emmet, Kan., on the Topeka and Onaga

branch of Union Pacific and seven miles northeast of St. Marys, also on Union Pacific. The offering will consist of 40 head comprising 10 tried sows, 5 last fall gilts and the remainder early spring boars and gilts. They are very growthy and excellent individuals. The spring pigs were sired by Emmet, a son of the good boar Designer, he by Expansion and his dam was a big Thompson Bros. bred sow by old Overland Chief. Among the dams of the pigs that are included in the sale will be Model Queen 2nd by Growthy Perfection 39402, Beatrice 4th and her litter sister by Big Hutch, one of the best boars ever owned by a Kansas breeder. Their dam was by Expansion. See the 1,100 pound boar. There are four good daughters of Pondo by King Do Do, her dam was Corwin Medium. All of the spring pigs are by Emmet, and have lots of quality. He is also a good individual and should interest some breeder. This herd was founded two years ago with stock from the best herds and is only being dispersed because of other business which makes it impossible for Mr. Cocoran to give it his personal attention. Bids can be sent to Jesse Johnson or L. R. Brady in Mr. Cocoran's care.

### THE STATE WIDE FAIR (Continued from page 13.)

Boar, 12 months and under 18 months: 1st, C. R. Doty, Kankakee, Ill. Boar, 6 months and under 12: 1st, Good Enough Chief, C. R. Doty; 2nd, Mc's Lad, F. G. McDowell, Corning, Kan. Boar pig under 6 months: 1st, C. R. Doty; 2nd, C. R. Doty. Sow, 2 years or over: 1st, C. R. Doty. Sow, 18 months and under 2 years: 1st, C. R. Doty. Sow, 12 months and under 18: 1st, C. R. Doty. Gilt, 6 months and under 12 months: 1st, C. R. Doty; 2nd, C. R. Doty. Gilt under 6 months: 1st, C. R. Doty; 2nd, C. R. Doty; 3d, C. R. Doty. Boar and 3 sows, over 1 year: 1st, C. R. Doty. Boar and 3 sows, 1 year: 1st, C. R. Doty; 2nd, C. R. Doty. Four pigs under 6 months, produce of 1 sow: 1st, Golden Belle, (dam), C. R. Doty. Four head swine, any age, get of one boar: 1st, C. R. Doty; 2nd, C. R. Doty. Four head swine, any age, produce 1 sow, bred by exhibitor: 1st, C. R. Doty. Champion boar, any age: Good Enough Chief, C. R. Doty. Champion sow, any age: Chiefton Bell, C. R. Doty.

Chester White and O. I. C. S. C. A. Stanard, Geo. W. Berry, Judges.

Boar, 2 years or over: 1st, Ed. W. W. Waltmire, Raymore, Mo.; 2nd, Stanley, C. R. Doty, Kankakee, Ill.; 3d, Lincoln, R. F. Fantz, Pleasant Hill, Mo. Boar, 18 months and under 2 years: 1st, James B., C. R. Doty; 2nd, High Score, R. F. Fantz. Boar 12 months and under 18: 1st, Chief's Command, R. F. Fantz; 2nd, Don Mikado, A. Mosse, Leavenworth, Kan.; 3d, Prince Anoka, C. R. Doty. Boar 6 months and under 12: 1st, Corrector, R. F. Fantz 2nd, Tip Top, R. F. Fantz; 3d, Prince K. K. C. R. Doty. Boar pig, under 6 months: 1st, Commander, R. F. Fantz. Sow, 2 years and over: 1st, O. K. Amy, W. W. Waltmire, Raymore, Mo.; 2nd, Caille, C. R. Doty; 3d, Hallie, R. F. Fantz. Sow, 18 months and under 2 years: 1st, Pearl, R. F. Fantz; 2nd, Fredora, W. W. Waltmire; 3d, Princess 7th, C. R. Doty. Sow, 12 months and under 18: 1st, Marie, R. F. Fantz; 2nd, Rose, R. F. Fantz; 3d, Princess Anita, C. R. Doty. Gilt, 6 months and under 12: 1st, Bessie, R. F. Fantz; 2nd, Carrie, R. F. Fantz; 3d, Kate, R. F. Fantz. Gilt, under 6 months: 1st, Hattie, R. F. Fantz; 2nd, Hattie, R. F. Fantz; 3d, Nettie, R. F. Fantz. Boar and 3 sows, over 1 year: 1st, R. F. Fantz; 2nd, W. W. Waltmire; 3d, C. R. Doty. Boar and 3 sows, under 1 year: 1st, R. F. Fantz; 2nd, R. F. Fantz; 3d, W. W. Waltmire. Four pigs under 6 months, produce of 1 sow: 1st, R. F. Fantz; 2nd, R. F. Fantz; 3d, C. R. Doty. Four pigs, under 6 months, produce of 1 sow, bred by exhibitor: 1st, Hallie, R. F. Fantz; 2nd, R. F. Fantz; 3d, C. R. Doty. Four head of swine, any age, get of 1 boar: 1st, Lincoln, R. F. Fantz; 2nd, Professor, C. R. Doty; 3d, Plato, W. W. Waltmire. Four head any age, get of 1 boar, bred by exhibitor: 1st, Lincoln, R. F. Fantz; 2nd, Professor, C. R. Doty; 3d, W. W. Waltmire. Champion boar, any age: Ed. W. W. Waltmire.

### Sunrise Stock Farm.

Having sold my farm, will price my cattle at bargain prices. Some good bulls, cows and heifers from 1 head to 3 car loads 1 extra show cow.

**J. W. TOLMAN, Hope, Kansas.**



**APPLETON MANURE SPREADERS QUALITY**

"A boy can run it"

THE APPLETON Manure Spreader is as strong as steel and oak can make it. It is so simple that any boy who can drive a team can run it as well as any man and control its every operation from the seat. It is easy to load, easy for the horses to start, does not bunch the manure—but spreads it evenly and uniformly from the beginning to the end of the load, and as thickly or as thinly as needed—and is practically automatic in all its operations. Our Free Spreader Booklet tells you how and why. Send for it now.

**Appleton Manufacturing Co.,**  
(Established 1872)  
19 Fargo Street, Batavia, Ill., U. S. A.

### Rock Island U.S. Standard

—pitless or pit scales with a TEN YEAR GUARANTEE. A ball bearing, steel frame, substantial and simple, a mechanically perfect scale.

Buy from your dealer direct and see the goods you buy—it means satisfaction.

**Rock Island Implement Co.**  
Kansas City, Mo.

Upon request we will send our booklet.

### BOWSER SWEEP MILLS

Different from all others. Grind Corn with shucks or without. Run in the head and all kinds small grain. 4 and 8 horse sizes. Geared 10 to 1 or 7 to 1. (Also make 8 size belt mills.)

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

### FENCE STRONGEST MADE.

Built strong chicken wire.

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

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

When writing advertisers please mention Kansas Farmers.



# BARGAINS IN LANDS



## COLORADO LAND

**IRRIGATED FARMS FOR SALE.**  
In the famous Arkansas Valley of Colorado and the Pecos Valley of Texas, reasonable prices, good terms. If you want a money making investment or an ideal home write for further information.  
J. F. CUREY, Lamar, Colo.

## MISSOURI LAND

**FARMS FOR SALE** in South Missouri. I have several good farms for sale on easy payments from \$5 to \$10 an acre. Please write me for full particulars.  
WILLIAM BOWEN, Houston, Missouri.

## Ozark Fruit Farm For Sale.

120 acres, 60 acres in cultivation, balance fine timber. Good 3 room house, 3 fine springs, fine apple orchard, large thrifty trees, other fruits. 1 mile from town. Good reason for selling. Price \$1,000. Write me for full particulars.  
JOHN D. BAKER, Ava, Douglas County, Missouri.

## TEXAS LAND

### SOUTH TEXAS LANDS

For sale by the party that owns them, at prices ranging from \$10 to \$40. Any sized tracts, improved and unimproved.  
J. R. WESTMORELAND, Eagle Lake, Tex.

**COMPLETE DESCRIPTION.**  
Texas panhandle, covers 25 years, 32 pp., complete birdseye view and wall map Amarillo, 15,000 population, in heart of Panhandle, sent prepaid for 50c; clubs of four, \$1. Order today—edition limited. Mirror Publishing Co., Amarillo, Tex.

## NEBRASKA LAND

**BARGAINS.**  
Plenty of real bargains are to be found by consulting the Readers Market Place in this paper.

**FOR SALE**—480 acres in Custer Co., Neb., 30 acres alfalfa, fenced with woven wire, good buildings, all kinds fruit; 200 acres in cultivation, balance pasture and hay land. For further information address J. E. ALLAM, Grand Island, Neb.

## ENGLISH WALNUT LANDS

For sale in Yamhill county, Oregon, 40 miles from Portland, both water and railroad transportation, 5 and 10 acre tracts; 10 per cent down and 2 per cent per month. These tracts are already planted and we will care for them four years free of charge. Write for further particulars. Address  
FRED A. WALKER REALTY CO., 183 N. Main Wichita, Kan.

## HOMES.

The recent extension of the N. C. O. R. R. brings thousands of acres of fine government land, along this line, on the market. Splendid soil, climate, water, timber and range. Alfalfa, wheat, stock, fruit, grain and vegetables. Good railroad facilities and markets. Crops sure without irrigation. Come now and get a home for nothing instead of paying high prices elsewhere. If you have used your homestead right you can take 320 acres under the Desert Land Act. Some stock ranches and deeded land for sale by owners. Fine openings for live land men. Address  
H. C. DODGE, Land Commissioner, Nevada, California & Oregon Ry., Reno, Nevada.

**16 ROOM HOUSE.**  
Strictly modern, within 2 blocks, Main and Douglas, Wichita, Kan., all furnished in good shape. Price \$16,000. This property rents for \$125 per mo. \$5,000 against the place, runs for 5 years, 6 per cent. Will make the swellest rooming house in Kansas. MULLEN & BREKER, Room 15, Turner Bldg., Wichita, Kan.

**An Opportunity to Secure a Home on Easy Payments in Old Mexico**  
12,000 acres of rich tropical fruit and on east coast of Mexico now open to American settlers and investors at \$20 per acre. Send 4 cents stamps for illustrated booklet.  
THE MEXICO IMMIGRATION, LAND AND FIBRE CO., 201 S. Main, WICHITA, KANSAS.

**FARMS IN VIRGINIA 10 \$ Per ACRE AND UP**

Come to Sunny Virginia. You can buy fertile farms with timber, fruit and water for \$10 per acre and up. Splendid country for fruit growing, dairying, stock-raising and general farming. Fine climate, abundant water, convenient markets and good neighbors. Full information and valuable booklet upon request. Write for it.  
F. H. LaBAUME, AGRICULTURAL & INDUSTRIAL AGENT, NORFOLK & WESTERN RY., Dept. A L, Roanoke, Va.

## KANSAS LAND

**HALE THE LAND MAN**  
Can sell you Saline and Dickinson county farms for \$80 to \$95 per acre. Also cheap farms in Caddo Co., Okla.  
T. E. HALE, Solomon, Kansas.

**A CRACKER JACK.**  
200 acre stock farm, 70 acres in cultivation, well improved, plenty fruit, best of pasture and meadow, on R. F. D. and phone. Close to Emporia. Price \$30.00 per acre. For other bargains write  
A. L. WRIGHT, Emporia, Kan.

**WHEAT LAND IN LANE COUNTY.**  
160 acres good level wheat land, 120 acres in cultivation; no improvements, priced \$1,200. Write for my bargains.  
WARREN V. YOUNG, Dighton, Kansas.

**THREE GREAT BARGAINS.**  
160 acres, 5 miles from a good town, well improved, 120 acres under cultivation, all bottom land with a black sandy loam, and a bargain at 11,000.00.  
680 acres, 6 miles from a good town. Price \$25,000.00. 960 in Hodgeman county, Kansas. Price \$10.00 per acre. Address me at 18 1/2 North Main St.,  
CHAS. PETERSON, Hutchinson, Kansas.

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

**GOOD UP TO DATE** stock ranch, 800 a. cheap. 240 a. well improved, \$40 per a. 80 a. in good shape, \$3,700. Lots of cheap western land, nice little stock of furniture in good town for sale or trade. Sale dates solicited. P. J. GEORGE, Wayne, Kan.

**CHEAP KANSAS LAND.**  
Ten quarters in Seward county \$10 per acre. Price good until Oct. 7. Get it while you can. Time is short. Write  
E. F. ELLIOTT, Kismet, Kansas.

**WHY NOT BUY LAND** of the owner and save from \$5 to \$10 on the acre? Land of all descriptions from \$2.50 per acre up. Send for circular and come and see us. G. N. DAVIS & CO., Cimarron, Gray Co., Kan.

**820 ACRES** of extra good land, house of 14 rooms, a fine barn, and other good improvements. 2 1/2 miles to town. One of Brown county's best. Enquire of  
R. A. HENRY, The Real Estate Man, Hiawatha, Kansas.

**LAND AT \$20 TO \$50** per a., in corn, alfalfa and stock country; 160 miles west of Kansas City; improved ranch, 660 a. \$25 per acre. You will be shown, will you look? Ask for list.  
O. G. PIRTLE, Wisley, Kansas.

**GOOD HOME CHEAP**—100 acres, 130 in cultivation, all fenced, 3 room house, barn, cow shed, poultry house, well and windmill only 4 miles to R. R. where an elevator will be built this summer. Will take a small cash payment and give 5 years on balance. Price \$2,500. **KIRBERG & MILLER, Ness City, Ness Co., Kan.**

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

**A GREAT FARM SALE.**  
Of the very finest farms in this country. 160 a., 16 mi. Topeka, 2 1/2 mi. level road to town, main line Santa Fe, fine 6 r. house, new barn 40x48; another 30x40, good orchard, 40 a. hog tight, not one acre rough or waste land, rich soil, must be seen to appreciate. Price 75 per acre. No. 1, 80 a., 8 mi. Topeka, on fine wagon road, 1 1/2 mi. station, 7 r. house, fine new barn, no waste land, rich soil, most beautiful slightly location in county, school, orchard, alfalfa. Price \$10,000. No. 2, 160 a. well imp., 16 mi. Topeka, 3 1/2 mi. station, \$7,500; \$3,500 cash No. 17, 146 a. highly imp., rich valley land, 19 a. alfalfa, \$9,500. No. 16. Write for list; we have the farms.  
**WINGETT LAND CO., A. J. White, Farm Salesman, 109 W. 6th Ave., (Stormont Bldg.)**

## KANSAS LAND

**WELL IMPROVED** 334 acre farm, Jefferson Co., Kan., 2 miles station, 4 miles town of 1,500 population, 50 miles Kansas City, 50 miles St. Joseph, Mo., 24 miles Topeka; 220 acres dry bottom, fine for alfalfa; this is a snap at \$60 per acre, time on \$8,000, if desired. **ADAMS BROS & HAMM, Atchison, Kan.**

**BEST FARM IN JACKSON COUNTY.**  
for the money. 297 acres, 200 under plow, 25 acres alfalfa, rest pasture, \$10,000 worth of improvements, half mile from town. Price \$80 per acre.  
**MANVILLE & BAILEY, Holton, Kansas.**

**560 ACRES,** 3 miles Geneva, Anderson Co., about half cultivated, all but a few acres nice tillable land. Near school. Barn for 32 horses, cribs and granary. Good 7-room house, all buildings in good condition. Plenty of water and nice shade. Forced sale, \$40. **H. B. GILES, Emporia, Kan.**

**NESS COUNTY LAND.**  
320 acres, 10 miles from Ness City, 100 acres in cultivation, 4 room frame house, barn, well and wind mill, some good alfalfa land, place is all fenced, land lays good, and in good locality. Price \$16.00 per acre, \$2,000 cash, three to five years time on balance.  
**LOHNES & CASON, Ness City, Kansas.**

**SEE NESS COUNTY:** 340 acres, 13 miles from Ness City and 3 1/4 miles from station on new line of railroad 4 room stone house, frame barn for 8 horses, cattle shed, 2 wells and windmills, all well fenced and cross fenced, 160 in cultivation, 100 acres of good alfalfa land, 10 acres in alfalfa, 40 rods to school, all smooth, price for short time, \$16 per acre. **LOHNES & CASON, Ness City, Kan.**

**KANSAS CORN, WHEAT AND ALFALFA LAND.**  
Beautiful Smith Co. improved farms and 20,000 acres unimproved land in Comanche Co. now being surveyed and ready for settlement in a short time. Buy now at reasonable prices and terms. Double your money before long. Can use some good paper on approved securities as cash. Write me and do it now, for list descriptions and prices.  
**CARL G. ANDERSON, Athol, Kansas.**

**TWO GOOD BARGAINS. TWO BIG BARGAINS IN KANSAS LAND.**  
240 acres smooth prairie land, 5 miles from Dodge City; price \$18 per acre. 160 acres near Perry, Jefferson county, Kansas, partly improved, price only \$40 per acre. For information write  
**HALE & ENGLISH, Dodge City, Kansas.**

**FORCE SALE SUMNER COUNTY FARM.**  
160 acres Sumner county, Kansas, 3 miles from county seat on R. F. D. Telephone, 8 room house, barn, plenty of good water. 120 in cultivation balance pasture. Incumbrance \$4,000, runs 5 years at 5 per cent, payable any time. Price \$9,300. Easy terms. Write  
**LOCK BOX 135, Wellington, Kansas.**

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

**SOLOMON VALLEY LAND.**  
We have farms for sale in Ottawa and adjoining counties, good upland improved, at from \$25 to \$60 per acre. Bottom land improved at from \$60 to \$125 per acre. You have not seen the best till you see the Solomon Valley.  
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**MARION COUNTY LAND.**  
240 acres, three miles from town, new \$4,000 house, barn 40 by 60, worth \$2,500, water works and acetylene lighting plant, corrals, sheds, two windmills, fine orchard, etc., \$3,000 worth of improvements; 180 acres in cultivation, rest pasture. Price \$80 per acre. \$5,000 cash, remainder terms to suit purchaser. This proposition is worth investigating.  
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**TO FARM BUYERS.**  
154 acres nice laying land, lime stone soil, 90 acres in cultivation, balance grass, tillable, except 3 acres, well fenced, 22 acres hog tight, young orchard and small fruits. Five room house, small outbuildings; fine water, close to school, railroad station, 5 miles to good town and market; price \$4,000; terms. A snap. For particulars address **L. B. DAVIS & SON, Elk City, Kansas.**

**A Gold Mine.**  
320 a. wheat and alfalfa land, 100 a. in cult., 85 a. wheat, 65 a. alfalfa land, bal. pasture and hay. House, granary, blacksmith shop, barn, sheds, lots, etc. Nice orchard, fenced. 22 per acre. Terms. Send for big list.  
**STINSON & WEYAND, Spearville, Kansas.**

**To Settle An Estate.**  
240 acres in Greenwood county; 140 acres first river bottom. No overflow, 100 acres meadow and pasture, 1 1/2 miles from R. R. town. 6 room house, barn and other out buildings. Shade, fruit, etc. No better stock farm in Kansas. Price \$10,000. Reference, Emporia State Bank, Emporia, Kan.  
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One Hundred Farms for sale. Write for lists.  
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Before you look around better get new list of farm lands. What have you exchange?  
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**A HOME.**  
For you at a bargain price, 320 fine level land. For particulars write  
**WINN REALTY CO., Jetmore, Kansas.**

**WELLINGTON, SUMNER COUNTY, Kan.**  
We have some fine farms listed. One wanting to buy a fine farm in a county, will do well to write or call on  
**JAGGERS & VAN HORNE, Wellington, Kansas.**

**HELLO FARMERS!**  
Have you read my list of GREENWOOD CO. FARMS? The best corn, alfalfa, cattle and hog country in the west. Blue stem pastures. Write for list. Prices to P. D. STOUGHTON, Madison, Kansas.

**Dickinson County Farm Bargain**  
Here is a snap: 480 acres, 300 acres bottom, 80 nice second bottom. First improvements. Two miles from good town and school. This is the best. Buy in Dickinson county. If this does not suit you write us, we have others.  
**THE SOUTHERN LAND CO., (McCormick & Heath), Abilene, Kansas.**

**160 Acres—\$50 Per Acre**  
160 acres well improved. 100 acres cultivation, 30 acres pasture, balance meadow and timber, 1/2 mile from school. R. F. D., two good wells, creek runs land. Price \$50 per acre. Write the owner  
**Box 315, Neodesha, Kan.**

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

**BIG RANCH.**  
I will sell or trade this 10,000 acre ranch located in Barber County. Biggest ranch in Kansas, if you act now.  
**Wm. O'Reilly, Concordia, Kansas.**

**Wichita Farm Bargain**  
80 acres, smooth land, sandy loam, miles from Wichita. All in cultivation, house, barn and orchard, shallow to good water. Price \$75.00 per acre. This is low our farm prices.  
**I. B. CASE & CO., Over 103 W. Douglas, Wichita, Kan.**

**EXCHANGE COLUMN**  
**If You Want**  
a quick deal, list your trading property with us. We trade while the other fellow sleeps. We have exchanges for land, merchandise, live stock, or anything of value. Try us.  
**NEFF REALTY CO., Olathe, Kansas.**

**Trades Wanted**  
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We have the largest list of farms, ranches, income property, merchandise, hardware, hotels, livery, etc., of any firm in the West. We print description of your property on our list, and we will get you a good honest trade of just what you want.  
**GRAHAM BROTHERS, Eldorado, Kansas.**

**FOR SALE OR TRADE** for stock of merchandise. 80 acres, all under cultivation, 60 acres ready for wheat. Fenced bottom, no other improvements. Price \$2,500. Also 6 room residence, good frame barn 30x40 with loft; 1/2 block in fine fruit trees, one half bearing; four blocks from postoffice. Price \$3,000. Address owners, **J. C. Lohnes & Son, Ness City, Kansas.**



KANSAS LAND

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

POTTAWATOMIE COUNTY LANDS. Pottawatomie county is the best all round section of country for diversified farming in the state. Our land is cheap. Write, J. F. Leonard, Kansas.

RICE COUNTY FARM. 40 acres, one-half mile of good town, 25 acres alfalfa, 230 farming land, balance pasture, good house, barn and other buildings; price \$20,000 for quick sale. Write W. W. BARRETT, Sterling, Kan.

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

KINGMAN COUNTY LANDS. Fine Farms and City Property. Write or call on us for anything you want. Jones & Brown, :: Kingman, Kan.

DICKINSON COUNTY FARMS. A postal will bring a complete list. Mention this paper. FORD & SMELTZ, Enterprise, Kan.

A DANDY FOR \$5,000. 160 acres, 1 1/2 mile from town, good limestone soil, no waste, good 7-room house. 115 acres in tame grass barn 28x44, good out-buildings, fine water, small orchard. Never falling stock water. Can carry \$3,000 at 6 per cent. DONAHUE & Wallingford, Mound Valley, Kansas.

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

Reno County Lands.

320 acres all-round farm, fine improvements, 40 acres alfalfa, 10 mi. from Hutchinson, 4 mi. from Burrton, at \$22,500. 160 acres, well improved, 4 miles from Burrton. Price, \$10,000. CHAS. N. PAYNE, Hutchinson, Kansas.

AN IDEAL DAIRY AND HOG FARM—80 acres, near Overbrook, 25 miles south Topeka; 65 acres can be cultivated, 8 acres alfalfa, 9 acres clover, balance in corn. Will grow 60 to 75 bushels corn, good seasons; cultivated land smooth, balance fine pasture land. Creek cuts off three acres on corner, timber along creek. All fenced hog tight. House 16x28, story and half. Barn 32x34. Cattle shed 15x54 ft., other out buildings, extra good lots. All in good repair. R. F. D. telephone, school close. Price \$4,500. (Owner.) W. B. VANHORN, Overbrook, Kan.

FINE CORN AND ALFALFA FARM. containing 160 acres, 100 acres in cultivation, 60 acres in pasture, 30 acres in meadow, this is a black loam and every foot of it can be cultivated. Improved with a 5-room house, good barn and other out buildings. Located 18 miles from Wichita and 4 and 5 miles from two other good railroad towns on the main line of the Santa Fe R. R., has good orchard, is fenced and cross fenced, has 2 good wells of water. This is a bargain at \$10,000. Come and see this. The Nelson Real Estate & Inv. Co., 137 N. Main St., Wichita, Kan.

Buy Western Kansas Land.

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

TAKE YOUR CHOICE

80 acres .....\$3,000
80 acres .....\$3,600
80 acres .....\$4,500
120 acres .....\$7,500
225 acres .....\$85.00 per acre
150 acres .....\$9,200
These are all improved. I have others. Write me your wants. B. F. BEESON, Linn, Washington County, Kansas.

GREAT ALLEN COUNTY BARGAIN.

340 acres, 230 acres under cultivation, 50 a. in timothy meadow, 60 a. pasture, living water and good shade for stock. Has a barn for 14 head of stock, 20 ton hay, 1,500 bushels grain, good orchard and all kinds of small fruit. This farm is well fenced and is a good producer. Can be sold on terms. This fine farm is located 4 1/2 miles from the new town of Mildred, where the new million dollar cement plant is located which insures the best market in the country. This is one of the best propositions ever advertised for the money. If you want a bargain write or call on Meran, WILSON & WOOD, Kansas.

KANSAS LAND

SALINE COUNTY. 160 acres in Saline county, 80 acres in cultivation, no other improvements, all fine pasture. Price \$20.00 acre. 240 acres Saline county, 80 in cultivation, all fenced, fair improvements, 1/2 mile school and church. 25 per acre. WM. KINDT, Marquette, Kan.

THIRTY MILES FROM KANSAS CITY. Well improved, 105 acres, 2 miles town, 1/2 mile to school. \$2,000 cash, balance to suit at 5 per cent. U. S. REALTY CO., Spring Hill, Johnson Co., Kansas.

90 ACRES CREEK BOTTOM and upland, 75 acres in cultivation, balance meadow, no other improvements, 3 miles from town. Price, \$2,800. A snap as 40 acres of it is in fine alfalfa ground. J. S. BOYLE, Bennington, Kansas.

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

HERE'S A MONEY MAKER. 480 acres, a splendid stock and grain farm; 135 acres creek bottom land in cultivation that does not overflow. 40 acres in alfalfa; 10 acres timothy and clover; 280 acres in pasture, which is a No. 1. A good 7 room stone house, small barn and stock shed; splendid feed lots. Farm is well watered and nicely located. Price \$14,000. Address C. R. CANTRALL, Fredonia, Kan.

FORD COUNTY BARGAINS. 640 acres perfectly level wheat land, in well settled Lutheran settlement, one mile from church and school, 320 acres in cultivation, 160 acres fenced. Price \$15 per acre for the next 20 days. 160 acres 3 miles south of Dodge City, 100 acres in cultivation; price \$4,000. G. L. PAINTER & CO., Dodge City, Kan.

MAKE \$1,000 PROFIT. 160 acres good smooth land, 40 acres in cultivation, balance hay and pasture; one mile to R. R. town; 6 room house, barn, etc., good water, orchard all fenced. Goes now for \$5,500; \$1,500 cash will handle. We guarantee this farm to be worth \$6,500 now. Get busy and see this. MILLS REAL ESTATE AGENCY, Room 317, Barnes Building, Wichita, Kan.

SPECIAL FARM BARGAIN. 240 acres just listed, 125 acres in high state of cultivation, remainder good hay and pasture land. This is very fine valley land and is very productive of wheat, corn, oats, alfalfa, and all tame grasses. Located 1 mile from school on R. F. D. Good 7 room house, new hay barn, fenced and cross fenced and watered by a never failing well and spring branch. Price \$35 per acre. Write S. N. WEST, Elk City, Kan.

BARGAINS in Kansas Lands. 400 a. Morris county, mile from station, 125 in cultivation, 2 sets of improvements, \$55 per acre. Other farms of any number of acres in Dickinson, Marion, Kiowa, Gove, Ford, Rush, Ness and Sherman counties at various prices, according to location. Lands booming, prices advancing. ROBT. SUTHERLAND, Herington, Kan.

GOOD BARGAINS. 80 acre farm, 1 1/2 miles of Fall River, good 3 room house, good well, stable and orchard, all good land, close to school, on phone line and rural route. Price \$3,200. 160 acres, 2 miles from Fall River, good 5 room house, barn, corn crib and hen house, 75 acres in cultivation, 20 acres mow land, balance pasture and timber. Price \$3,500. WILLIAM FORBES, Fall River, Kan.

A REAL SNAP. 160 acres Cowley county, Kansas, all smooth level land, no rock or waste, fenced and cross fenced; 80 acres in cultivation; 10 acres mow land, balance pasture, fair orchard, common, four room house, no barn, 3 wells, from 8 to 25 feet to water. Owner says every acre will grow alfalfa. Price \$35.00 per acre. Part cash, balance to suit. Write SHARP REALTY CO., Winnie Bldg., Wichita, Kan.

I AM OFFERING THIS WEEK a very fine section of land, lays nicely, is one and a half miles from market, half mile to school and 6 miles from good town. This section has a 11 room house, very large barn, large stock barn, good hog house, cattle sheds, fine orchard, large granaries and corn crib, with driveway between, wagon scales, 200 acres in cultivation, 60 acres fenced and cross-fenced, small field of fine alfalfa and the whole section is fenced and cross-fenced with hedge posts and four wires. There are several wells and windmills with tanks. Price \$24,000. Address me at 181 1/2 North Main street, Hutchinson, Kan. CHAS. PETERSON.

AN IDEAL FARM FOR SALE.

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

LAND. Down in Sumner County, Kansas and Grant and Kay counties north Oklahoma, is the right kind with the right kind of sub-soil as well as top, just enough sand to work well. No rock. No gumbo. In fact people moving from gumbo districts think the days are to short after they commence to plow. Our standing corn crop will demonstrate the fact that this soil will hold moisture and withstand a long and continued drought. Do not make purchase elsewhere until you have investigated this country. It might mean much to you. Write for my descriptive list of land \$35 to \$50 per acre. WM. HEMBROW, The Land Man, Caldwell, Kansas.

U. S. GOVERNMENT LAND OPENING Along Railroad in Montana CONRAD-VALIER Project 69 Miles North of Great Falls. 70,000 acres of irrigated land, segregated by the United States under the Carey Land Act, will be open to entry and settlement. \$3.50 per acre down; balance in fifteen years' time This land will be allotted by drawing at Valier, Montana, a new railroad town, on Thursday, October 7, 1909. You May Register for This Drawing by Power of Attorney. If you do not take land after your number in drawn, it costs nothing. Title Can be Acquired by Only 30 Days' Residence There is no sage brush or stumps on this land which is ready for the plow. Reached over Great Northern or Burlington Railroads. For complete information and blanks, call on or address W. M. WAYMAN, 1142 Security Bank Bldg., Minneapolis, Minn., or Valier, Montana.

HOME IN MANHATTAN or Lands anywhere in Kansas see Manhattan Realty Co., HULL & MOORE, Manhattan, Kan. You should buy this summer. Write us now. Kansas State Agricultural College

DICKINSON COUNTY FARMS. We have the largest list of the finest river, creek, bottom and upland farms in Dickinson county. The finest alfalfa, wheat and corn land in the world. Prices reasonable. Write for our revised list. Mention the Kansas Farmer. THE SOUTHERN LAND CO., (McCormick & Heath) Abilene, Kansas.

LANDS THAT PAY 100 PER CENT NET ANNUAL INCOME. In the Lower Pecos Valley we control selected irrigated lands, with perpetual water rights, which will, when properly farmed, realize the owner a net income of 100 per cent each year, equal to the total cost of the land the perpetual water right. The Lower Pecos Valley Country comprises that portion of the country lying between New Mexico and the Rio Grande, at an elevation of 2,400 to 2,700 feet, with a regulation California climate; cool nights, with dry, bracing air. An abundance of river springs and artesian water. The ideal place for homes and investment. Can sell in tracts to suit any purchaser on easy terms. For further information call on, or address THE HEATH COMPANY, General Agents, 109 West Seventh St., Topeka, Kan.

Ford County, Kan. Lands. For sale. Write for price list and crop reports. Co-operation solicited. BROWN & VERNON, Dodge City, Kansas.

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

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

EASTERN KANSAS FARM BARGAIN—80 acres, 2 miles Osage City, 55 a. in cultivation, 2 a. orchard, balance tame and wild grass pasture, 5 room house, good cellar, barn for 10 head of stock, granary, hen house, hog and cattle sheds, plenty of good water, 1/2 mile to school, R. F. D., and phone. Price \$45 per acre. For particulars write J. C. RAPP, Osage City, Kan.

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

A CLAY COUNTY SNAP—240 acres, 3 miles from Wakefield, 6 room house, cellar, cistern, cob house, hen house, barn for 12 head horses and cows, implement shed, hog sheds, well, wind mill, good water; 200 under cultivation, 40 pasture, 50 fine creek bottom, nice alfalfa field, hog tight, shade and water for hogs, balance nice laying upland. Must be sold soon. A bargain for some one. Write at once. Price \$13,500 J. C. WEAVER, Wakefield, Kan.

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

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

SECTION OF PASTURE LAND, Ottawa County, Kansas. Fenced, watered by pond and windmill. Price \$10,000. Must be sold at once. OLIVER MARTY, Longford, Kan.

J. W. BRADSHAW, The Land Man, of Herington, Kansas, is offering a section of land with two sets of improvements, 6 miles from Herington, for \$45 per acre. 200 acres in cultivation. A snap well worth \$50 per acre.

320 ACRES CHOICE ROOKS COUNTY LAND, \$6,800. Nearly all tillable. Some in cultivation, 5 miles from station. STEVENS & RUBY, Stockton, Kansas.

Wilson County Bargain. 160 acres of fine land, 6 room stone house and barn, never falling spring, 100 acres in cultivation, balance pasture and meadow, near school, church and on R. F. D. Natural gas on farm. Price \$30.00 per acre. Easy terms. Write W. T. DEWESE, Needlesha, Kansas.



HORSES AND MULES

HORSES AND MULES

Robison's Percherons

See my exhibit at Kansas State Fair, Wichita Fair, Oklahoma State Fair and American Royal. Don't forget the date of my next annual sale at the farm, November 9, 1909.

J. C. Robison, Towanda, Kan.



Ross Farm-- Registered Percheron Horses, Short-horn Cattle, Poland China Hogs.

40 head Percheron mares—one to four years old. Several nicely matched teams, blacks, bays, and grays. Imported and American breed. A few splendid young stallions, with plenty of bone and quality. 30 head of pure Scotch heifers, all reds and extra good at a bargain price. Farm adjoins depot main line Santa Fe Ry. See the Ross exhibit at Kansas State Fair at Hutchinson, Kan. GEO. B. ROSS, Aiden, Rice County, Kan.

HOLLAND STOCK FARM IMPORTERS AND BREEDERS OF

Percheron and German Coach Stallions and Mares

Our summer importations arrived in August. 100 head as good as grow, and the best lot of stallions and mares west of the Mississippi. If you wish quality and finish in an imported or American-bred stallion or mare, or young registered stock, produced from the most select herd of imported mares in America, we will supply you for less money than others. Mares all bred. Come and see for yourself. The best Percheron stallions and mares. The best German Coach stallions and mares. CHAS. HOLLAND, Proprietor, SPRINGFIELD, MISSOURI.



L. R. Wiley & Sons, Elmdale, Kan.

IMPORTERS AND BREEDERS OF

Percherons, French Draft, Shires and Coachers

We now have a large number of stallions and mares for sale from two to five years old, of the most typical draft qualities we ever had together and prospective buyers will find more draft qualities in our horses for the number than elsewhere.

Our prices are reasonable and give terms to suit the buyer with our guarantee—the best. We prefer selling at the barns and invite prospective buyers to come and see the grandest lot of horses ever come together. If you or your community needs a stallion. Write us, mentioning Kansas Farmer.

PERCHERON HORSES, HOLSTEIN-FRIESIAN CATTLE.

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

H. N. HOLDEMAN, Kansas.

BEST IMPORTED PERCHERON, BELGIAN, English Shire, Suffolk Punch and German Coach Stallions, \$800 to \$1,000, your choice. Imported mares, home-bred horses, \$250 to \$650.

A. LATIMER WILSON, Creston, Iowa.

Frank L. Stream of Creston, Iowa, is selling young, choice imported Belgian, Percheron, English Shire, Suffolk Punch and German Coach Stallions, at \$1,000. Home bred registered draft stallions \$300 to \$600.

FAIRVIEW JACK AND JENNET FARM.

Registered Mammoth Jacks and Jennets for sale cheap, at all times, quality considered. They have big bones, big heads and ears, and breed big mules. They are Missouri Jacks—the best that grow—14 1/2 to 16 hands high. A big lot to select from. Everything guaranteed as represented. Established 1892. J. C. HUCKSTEP, Proprietor, EOLIA, MO.

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POLLED DURHAMS.

Young bulls Cows and heifers bred to Roan Hero, the Double Standard champion. Prices reasonable. Write for terms

BELVEDERE X2712--195058

son of the \$1,500 Grand Victor X1685 150364 heads my herd of Double Standard Polled Durhams. A few extra good blocky, thick-fleshed young bulls for sale. Inspection invited Farm adjoins town.

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SMOKY HILL RANCH Galloway Herd, headed by Pat Ryan of Red Cloud 20038, Starlight 2d of Tarbreoch 24473 and Valarius 29088. Bulls and heifers for sale from my herd of 180 registered Galloways.

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Linscott Jersey Cattle Established 1878. Registered in A. J. C. C. Any animal for sale. B. J. LINSOTT, HOLTON, KANSAS.

SHORTHORN CATTLE

RENO HERD SHORT-HORN CATTLE

Bulls in service, Forest Knight 226084 and Victor Archer 264156. Breeding stock for sale. Stewart & Downs, Hutchinson, Ka

Evergreen Home Farm.

Milking Shorthorn Cattle, Bred Hornless. Berkshire Hogs, Oxford Down Sheep, Bourbon Red Turkeys. LATHROP, MISSOURI.

JEWEL SHORTHORNS

A young herd of up-to-date breeding. Also Percheron and Standard bred horses. In stud, the Percheron stallion Marquis De Wierre (Imp.) Also the Standard bred stallion, Red Seth 31185. Farm adjoins town. Come and see us. Jewell, W. T. LOWE, Kansas.

GREENDALE STOCK FARM.

25 YOUNG BULLS by Imp. Ardatham Mystery and Best of All for sale at bed rock prices. Can also offer some good Berkshire swine and Shropshire rams. Correspondence solicited.

COL. ED. GREEN, Prop.

Florence, Kansas.

CEDAR BLUFF SHORTHORNS.

100 head headed by Double Standard Orange Cup X5565 (253226). SHAW BROS., Glade, Kan., Rooks County.

20 Shorthorn Cows and Heifers

All are bred or have calf at side. 3 GOOD YOUNG BULLS. that I am sure will suit. Everything nicely bred and in good condition. Moderate prices. D. H. FORBES & SONS, Topeka, Kan. R. F. D. No. 8. Bell Phone 31.

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The oldest Shorthorn breeders in Kansas. The largest herd of Cruickshanks in Kansas. Herd headed by Violet Prince 145647 and Orange Commander 220590. Young stock of both sexes and some cows for sale. Quality and prices right.

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300 Head Scotch and Bates Pedigrees C. G. COCHRAN & SONS, PLAINVILLE, KANSAS.

SHORTHORNS. Will sell 12 cows with calf at foot and rebred at \$75 each. Some heifers and bulls cheap. First reasonable offer will buy them all. 37 head. They are Reds, all registered. Am closing out for other business. Write or come and see J. E. WELLES, Faucett, Mo.

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9 TOPPY HEREFORD BULLS 9. For sale, sired by Loyalty 16239 by Imp. Majestic, Armour's great bull. Their dams rich in the blood of Anxiety 4th, Cherry Boy, Beau Real, and Hesiod. These bulls are good and will be priced to sell. W. L. WOOD, Strong City, Kansas.

Jacks and Hereford Cattle.

Stock for sale at all times. Write us what you want. YATES BROS., Faucett, Mo.

Beau Brummel 10th 167719. Modern Herefords. Herd bulls Beau Brummel 10th 167719. Beau Beauty 192235—and Protocol 2d 91715. Robert H. Hazlett, Hazford Place, Eldorado, Kansas.

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COBURN HERD OF RED POLLS. Choice young stock of both sexes for sale; also a few cows. GEO. GROENMILLER & SON, Pomona, Kansas.

FINE SHEEP

SHROPSHIRE RAMS Big registered fellows, English sire and dam. Price reasonable. Descriptive folder with photos, also booklets on mutton production. Close connection to Kansas City, Charlton. CHANDLER BROS., Iowa. When writing advertisers please mention Kansas Farmer.

BERKSHIRE

BRAEBURN BERKSHIRE

Young pigs, high class in quality breeding. H. B. COWLES, Topeka, Kan.

BAYER'S BERKSHIRES—Herd bred by Field Marshal, first at Sedalia and second at St. Joseph, Mo., in Junior year class, 1908; assisted by Lee's Masterpiece Young boars ready for service, and gilts for sale. J. T. BAYER, R. 2, Yates Center, Kan.

BERKSHIRES OF MASTERPIECE PREMIER LONGFELLOW strains 75 head bred for size, bone and milking quality combined with finish. Good backs and bodies as well as good heads. They are useful as well as fancy. Pork, pigs a profit, not wind. Also offer choice bouilliet rams. E. D. KING, Burlington, Kansas.

BERKSHIRES—OVER 250 HEAD. To select from. Choice boars and females of various ages. Baron Duke 75000 and Masterpiece 77000. Spring pigs for sale. We guarantee satisfaction. Write LEON A. WAITE, Winfield, Kan.

BERKSHIRES. Herd established 20 years. Spring boars and gilts for sale. 1 spring and 1 fall pigling for sale. Write for free herd catalog. F. A. SCHERZINGER, Nelson, Nebraska.

SUTTON BERKSHIRES. 10 fancy show pigs \$75 to \$100. 100 fancy show pigs and gilts \$35 to \$50; 10 gilts bred to show boars. 3 SHOW BOARS. Fancy enough to head the best in the land. Above are all sired or bred to Berry Duke Jr. 77341, 1st Baron 2d 88899 and Sunnyside Royal 19888. SUTTON FARM, Lawrence, Kansas.

DUROC JERSEYS. RIDGEVIEW BERKSHIRES. 3 herd boars for sale. 1 two-year-old by Forest King, other males of different ages. Sows and gilts open. MANWARING BROS., Lawrence, Kansas. FARMINGTON DUROCS—45 choice spring pigs, both sexes, sired by the great boar Wests Duroc Paragon and Kathleen sired by Kantbeate, out of Orion, Tip Top Notcher and Improver 2nd. G. F. Keeschee, Washington, Kan. FOR SALE—Herd boar, Col. Heidrick No. 76165. First in class and reserve champion at Wichita's big fair last fall. A two-year-old, weight 500 pounds, active and strong in every joint. If you need a herd boar with a record and quality write me. First check for \$100 gets him. H. S. ADAMS, R. R. 8, Wichita, Kan. Grandview Duroc Jersey Herd. Headed by Standard Model 80435. Tom Davis 42009, and Crimson Monarch 80434. Fine lot of spring pigs by these sires and out of great dams. O. A. TILLER, Pawnee City, Nebraska. PERFECT IMPROVER AT HEAD OF HERD. Duroc gilts and spring boars for sale. The best lot of pigs I ever raised. Have over 100 head spring pigs, mostly sired by Perfect Improver, the largest Duroc boar in Kansas. Write for prices. A few bred gilts for sale. J. U. HOWE, Wichita, Kan. Fitch's Kant-Chief Improver. A nice line of March and April boars to price worth the money after August 1. Write any time for prices and information. W. T. FITCH, Minneapolis, Kansas. PILOT CHIEF, COL. C., MEDOC'S MODEL. 125 March and April pigs to select from. Write us for prices on choice boars sired by the above. The best of breeding and individually good. MINER & CROSS, Guide Rock, Nebraska. CEDAR LAWN DUROCS. Spring gilts and herd boar prospects, sired by Long Wonder, a grand son of Pilot Wonder, Bell's Chief and High Notcher. Such cows as Bessie Airon, Josie Surprise and Bessie Advance, by Proud Advance; Long Wonder fall gilts at special prices for quick sale. I can please you. F. M. BUCHHEIM, R. 3, Leocompton, Kan. Ohio Prince--Wonder Boar. March and April boars priced after August 1st. Write for prices and descriptions. Best of Duroc breeding. E. M. MYERS, Burr Oak, Kansas. Hanley Strain of Durocs. Write for prices. PAUL B. JOHNSON, Leavenworth, Kan.

ANGUS CATTLE

ANGUS BULLS. Sons of Champion Ito (our show bull) a son of Imp. Prince Ito—cost \$9,100—and out of the \$3,500 champion cow, Queen Mother 7th of Drumfergue, and RUTGER MIKADO 82395, whose get took first prize at the Kansas State Fair last year, and from the best families of the breed. Also a number of females open or bred and some with calves at foot. SHROPSHIRE SHEEP. A few high class Canadian bred ewes with lambs at foot, sired by our imported English show ram. The best you can buy anywhere. Write us your wants or come and see us. SUTTON FARM, Lawrence, Kansas.

HOLSTEIN CATTLE

BRAEBURN HOLSTEINS. Bull calves from dams yielding 10,000 pounds of milk in a year, and upward. H. B. COWLES, Topeka, Kan. EASY SIDE DAIRY HOLSTEINS. Having recently purchased an entire herd of Extra High Class Holsteins I am in better position than ever before to offer everything that's good in cows, heifers and young bulls ready for immediate service, breeding and quality unexcelled. Write me your requirements. Satisfaction guaranteed. 50 head in herd. F. J. SEARLE, Propr., Oskaloosa, Kan.

Registered Holstein Cows

\$75 to \$100 each. I have 5 head of cows from 5 to 11 years, 2 of which are defective in one quarter, 1 a little hump backed, and 2 right in every way, but a little along in years that I offer at above prices. All fresh or safe in calf, and good producers. \$450 takes the lot. HENRY C. GLISSMAN, "Rock Brook Farm," Sta. B, Omaha, Neb.

SHORTHORN CATTLE

FOR SALE. 10 choice young bulls from 8 to 12 months old, part straight Scotch. Choice yearling and short two-year-old heifers. Good colors, bright red, priced right. C. W. TAYLOR, Pearl, Kan. Address Mall R. F. D. 2, Enterprise, Kan. GLENWOOD HERDS. The home of the Scotch bulls Prince Pavonia 207316 and Searchlight 292031. Large type Poland China boars, Designer 39199 and Major Look 48039. The original Designer kind—choice herd boars now ready for shipment. The Designer kind that grow big. See my cattle exhibit at the leading fairs this fall. Write your wants. C. S. NEVIUS, Chillicothe, Miami Co., Kansas.