

# KANSAS FARMER

FOR THE IMPROVEMENT



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## BROWN COUNTY, KANSAS

Richly endowed in all that Nature can confer in soil and climate, Brown county is a section of that "grassy quadrangle which geographers call Kansas," wherein both the farmer and his farm are at their best.

With gently rolling land, a plentiful supply of water, deep, rich soil, this section of Kansas has won a reputation as the ideal home of the progressive farmer whose successes are only measured by his advantages, his opportunities and his abilities. There is perhaps no section of agricultural America in which ideal farm conditions are more nearly approached. There is, perhaps, no section that has been more favored by Nature and better improved by man. Its very atmosphere breathes prosperity and its citizens show contentment.

It is possible that there is no part of this earth's surface in which there has been developed a greater farming industry, or from which greater results are obtained from agriculture than in the corn belt of America. With the advance of civilization, the increase of knowledge and the development of new methods, this corn belt has greatly increased in area and the variety of its products, yet it still remains the natural garden spot of the world. Brown county, Kansas, is typical of this region and is also typical of the ideal farm conditions which may be developed within the corn belt where industry and intelligence have been applied in farm operations.

A good corn country is always a muddy country and mud implies bad roads, yet in Brown county the judicious use of the road grader and the King drag has put the dirt roads in such condition that the writer does not remember to have traveled so great a distance over such uniformly good roads as came within his experience in a recent visit to this county. Mile after mile of splendid dirt roads were traveled over to the exceeding comfort of both team and driver. The bridges and culverts in places were in need of repair, but these were being replaced by solid structures of reinforced concrete.

Community of interests is shown by the roads of a country. In Brown county the farmers value good roads; hence, they have them. With the aid of the steam traction engine, the road grader and the steam roller the work

### The Land of the Big Red Barns Fine Orchards and Choice Stock

necessary to make transportation easy is accomplished early and at a minimum expense.

Perhaps the most prominent feature of the landscape in this section of Kansas is the quality of the farm improvements, as shown by the neat and comfortable farm homes and the great number of big, red barns. Practically every farm is equipped with a barn that is above the average of the older states and many of them have several such buildings. Lawns are neatly tended, hedges trimmed, orchards and ornamental plantations cared for and a general air of neatness and comfort is noticeable. It is possible that the visitor might be attracted by the well cultivated fields and the quality and the tilth of the soil; but while they are noticeable and indeed conspicuous as compared with other unimproved regions, they are surpassed by the buildings and other improvements which attract attention.

The writer visited many farmers in this county and was struck most favorably by a number of things. This is a grass country, and where grass will

grow live stock will thrive. Where these two exist, fertility of the soil is maintained, and this in turn means rich harvests and large revenues through which the other things come. It is also a clover country and, although the winter season had been severe, large areas of both alfalfa and clover were noted in the fields. These also conduce to the fertility of the soil and through it to prosperity. Undoubtedly this county has more or less of a reputation as a fruit country, as the visitor sees orchards everywhere whose appearance indicates that vitality which insures indication of fruit possibilities. The minor comforts of farm life are not neglected. Every farm visited, and practically every one passed by was possessed of a garden, which gave evidence of the same careful method that seemed to apply in other farm operations.

Another noticeable feature is the extensive use of cement concrete by the farmers of this county. Practically every use to which this wonderful material could be put has been adopted by them to the exclusion of the older

and cheaper materials. Foundations, watering troughs, water tanks, cement floors and other ordinary uses to which this material is put were common, while in a number of cases feeding platforms, the approaches to barns, dams for stock ponds and other less common things were built of it. This general use of cement is taken to be a significant fact. It not only gives the farmer better service than any other material to which he has access, but it indicates the purpose on his part to avoid cheap construction and to secure permanency. The material is of such a nature that it lends itself to any form of construction and ornamental features are easily obtained and are not uncommon.

It is perhaps true that the most conspicuous thing noticed in the trip about this county is the number and quality of farm animals. It was a rare thing, indeed, to see a farm on which there were mixed breeds of chickens. Each farm had its poultry which gave evidence of high quality of breeding. Whole neighborhoods adopted the same breed in some cases, while in others a variety of breeds were found, but all were practically pure and of high quality.

The visitor who is not acquainted with this county would, after having read the current reports of the scarcity of hogs throughout the country, be surprised to see the number that are to be found in this county. Of course a great majority of them are market hogs, but there are very many pure bred ones. Where there are hogs there is money.

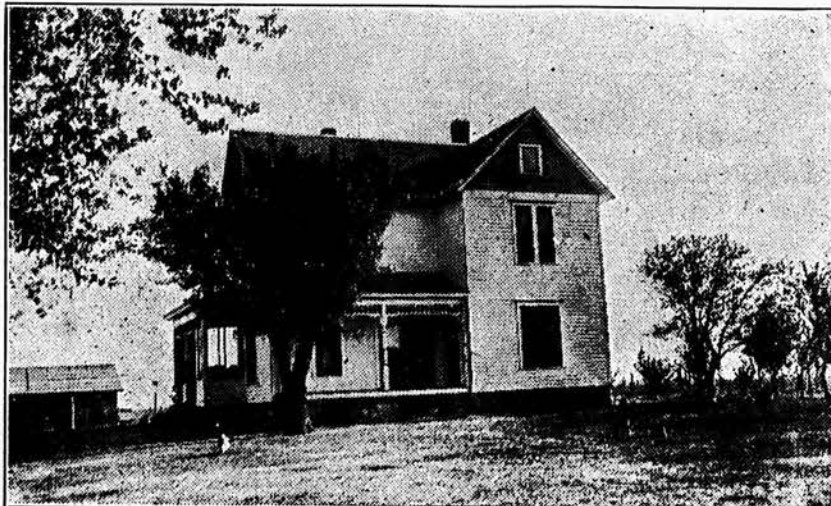
To operate these splendid farms machinery is necessary and this is found everywhere. A noticeable fact was found in the presence of a manure spreader on every farm. This does not mean that there was a manure spreader on every farm in the county, but one or more was found on every farm visited.

#### THE BREEDERS OF BROWN COUNTY.

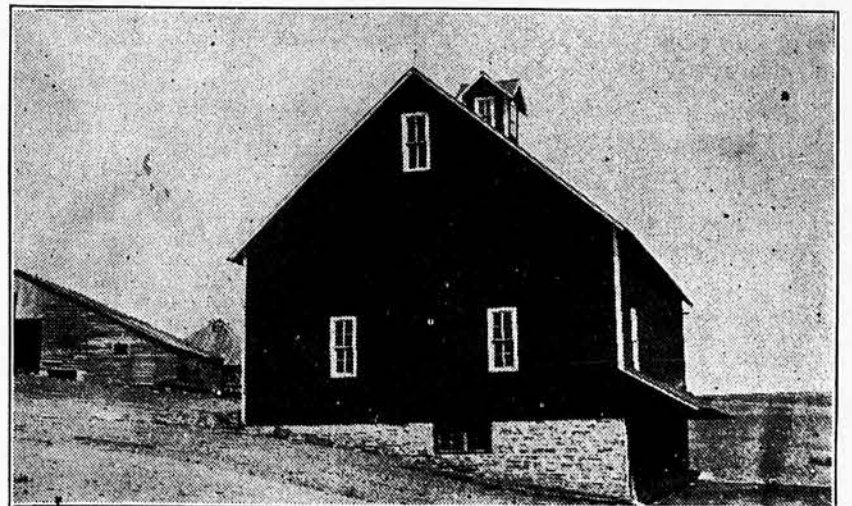
With a record of 23 public sales and a herd of Poland Chinas that are better in every way than any he has ever owned before, Mr. D. W. Evans, who lives one-half mile from Fairview, is very much in evidence among the breeders. If one were selecting a farm for the purpose of breeding choice swine it would be difficult to get one better adapted for the purpose



Pinkie of St. Lambert, Lizzie Sales and Gunens Bessie, Jersey cows owned by C. D. Fisher, Hamlin, Brown county, Kansas.



The home of Walter Hildevein, the successful Poland China breeder, near Fairview, Brown county, Kansas.



T. J. Meisner's big barn, built with cement concrete approaches and representative of the farm improvements of Brown county.





W. C. Singer's great Poland China herd boar, Prince Hadley 49326. A snap shot taken at lunch with his family.

than the alfalfa farm of Mr. Evans. His herd is now headed by one of the best of boars, and his Tecumseh bred sows are largely by Orphan Boy 2d 55129, a grandson of Orphan Boy. Mr. Evans has confined himself largely to very fashionable lines of breeding, and his last catalog showed many pigs by Kansas Chief 37507. He has had a wide range of custom and only recently shipped a number of good animals to Arkansas. Mr. Evans feels that he has earned a vacation, and has made his arrangements so that he can be absent on a visit to the East during the greater part of the summer, and still have his hogs well cared for. He will probably announce his 24th sale on his return. In addition to breeding a high quality of Poland China swine, on which he has built his reputation, Mr. Evans is a horse breeder as well. At the head of his stud is Ellisto, Jr., a roadster stallion of around 1,400 pounds by Ellisto 5054, he by Fashion 4149, dam Nellie Smith by L. Mont Pilot 763. This horse is remarkable for his fine style and action and his good disposition.

Walter Hildwein of Fairview is another successful breeder of Poland Chinas. Although a young man in years, he began early and has had 20 years' experience with this breed. His farm is conspicuous among his neighbors by reason of the quality of the woven wire fences which are placed wherever needed to restrain his stock and poultry. He has proved himself a good breeder and a man of conservative judgment. His herd boar is Gold Standard by Chief Gold Dust, a grandson of Chief Tecumseh 2d. The dam of this boar is Lydia O K 123619. In the herd are sows by Chief Look 48121, Truant Boy's Rival 126833, H.'s Beauty 112758, Sunbeam 123698 and Lady Evelyn by Missouri's Dark Perfection. These names will indicate the quality and breeding now represented in this herd, and it is safe to say that this is one of the good herds of the county and state. A picture of his residence is given as typical of those to be found among the progressive farmers and breeders of this county.

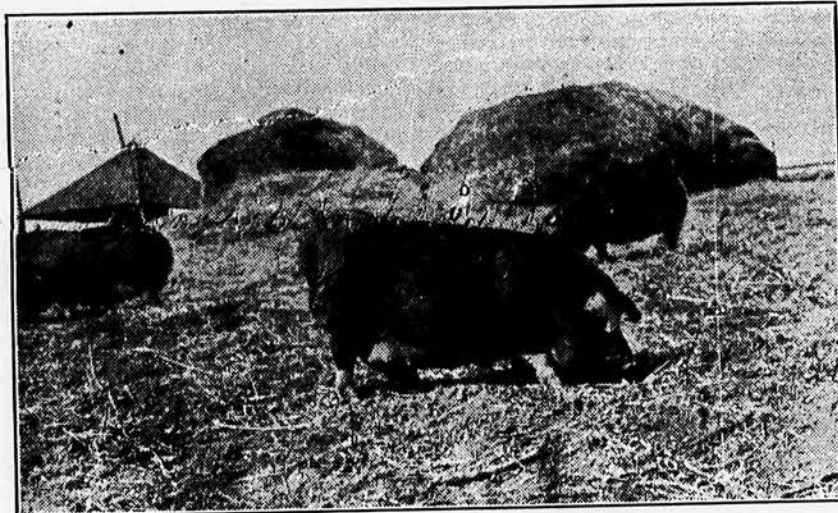
J. B. Davis of Fairview is known wherever good Duroc hogs are admired in this western country. He has recently taken his son into partnership with him and is now building a reputation as a breeder of Red Polled cattle as well. He has a splendid equipment in farm land and buildings, and has the largest herd of Duroc-Jerseys with which the writer is acquainted. His many years of experience have enabled him to select and breed for quality and his herd now leaves little to be desired. The herd boar is Monarch's Choice 91977, who is a grandson of Orion 2d, the sire of Top Notcher. The dam of his sire was a full sister to Ohio Chief, and his own dam was by W. L. A.'s Choice Goods. This boar is the sire of about half the pigs on Fairview Stock Farm, and Crimson Rule 91975 is the sire of the balance. He is a Crimson Wonder-Golden Rule boar and a fine breeder. The Red Polled cattle were developed from choice animals purchased from the herds of Charles Morrison of Phillipsburg, Kan., and a Nebraska breeder. They were selected for their dual purpose character and from the best families of the breed. The writer was shown some young animals that were very far above the average. These were sired by Buster Brown, a bull which is, in the opinion of Mr. Davis, second to none as a breeder and typical animal. Monarch 11941, a bull weighing 2,110 pounds and a winner of second

prize at the International, is now at the head of the herd.

John Mellenbruch of Morrill, Kan., is a young breeder of Duroc-Jersey swine with five years of experience behind him. He now has about 80 head in his herd and devotes his time largely to them, except what is required to care for a fine bunch of sheep. His herd of Durocs is headed by Esther's Buddy K. 94103, and Monitor 88873 by West's Duroc Paragon 58923. Mr. Mellenbruch is not devoted to any particular line of breeding, but has adopted the excellent policy of securing the animal that pleases him when he buys any. In order to please him the animal must be a good one, and he must have a good pedigree. Mr. Mellenbruch does not adhere to any particular family, nor would he sacrifice quality in order to follow the prevailing fashions of breeding. In his herd are found a number of yearling sows by Kansas Challenger and

the mature animals have proved themselves good, steady breeders. There was some talk of closing out this herd in order to dissolve the partnership, but as yet this has not been announced. It would be well to keep tab on these cattle, as they are a choice lot and worth going after when opportunity offers.

D. E. Reber, who lives about one mile out of Morrill, has made a fine reputation as a breeder of Shorthorn cattle, and has the satisfaction of having held one of the best Percheron sales that was ever held in Kansas. He has taken his sons into partnership and has abolished every scrub animal of every kind from his place. His Shorthorn herd bull is Good Scotchman 323818 out of Good Lassie by Choice Goods. The cows are equally well bred and among them is Hallwood Lovely 41435, a granddaughter of Choice Goods; Grace by Gallant Knight with a bull calf at foot by Snowflake 263207, who won first in all of the corn belt shows last fall. There are also four other Snowflake calves. If this farm stands for anything it certainly stands for quality. Mr. Reber was trained for the bar and admitted to practice before the Supreme Court. He believes in live stock breeding, and in this belief quality counts for everything. His family of boys are growing up with the same way of thinking. Among the Percherons he had two teams that were famous. Dora and Viv made a great record and Dora was finally sold to W. S. Corsa of Whitehall, Ill. Messingre and Bell, the other team of mares, were the highest priced mares sold in the state. These were bought from J. C. Robison in his sale of 1908. Mr. Reber owns a half section of the choicest Brown county land and all the work is done by pure bred, registered Percheron mares. It was a pleasure to see a team of these



The fine Poland China sow by Nebraska Jumbo, for which Master Andrew Meisner paid \$70 from his own savings at the Gro-nlinger sale.

by Model Gold Finch. The brood sows are by such boars as Chief Perfection, Wonder Lad, and other boars of that quality. There are a number of good boars on this place, but perhaps the best one is Wide Awake 68339, dam Esther 174780 by Bezdek 29413. Mr. Mellenbruch occupies the old family homestead and with his good Duroc-Jerseys and his flock of high grade sheep he is doing much to improve its quality.

T. A. Eisenbise is a member of the school board at Morrill, Kan., and now has his hands full in superintending the construction of a splendid new brick school house. Mr. Eisenbise has a very choice herd of Shorthorn cattle on his farm adjacent to town. The herd is not a large one, but he has been careful in his buying and the quality represented is high. Not only does Mr. Eisenbise superintend the building operations of which he has charge, but he takes hold and helps with his own hands. In addition to being a good breeder of Shorthorn cattle, he is a public spirited man.

Robinson & Connor are also breeders of Shorthorn cattle at Morrill. Their farm is 1 1/4 miles north of the town and their herd numbers some 25 head. The families represented are chiefly Floras, Rose Marys and Orange Blossoms. The herd bull is by a Lavender sire and an Orange Blossom dam and is straight Scotch. They have some young stuff of both sexes by Barmpton Knight, Pride of Collynie and Sybil's Viscount. There are also two bull calves by Imp. Royal Pride, one of which is out of a straight Orange Blossom cow. This herd is thrifty and in good condition, and all

mares walk off with a big manure spreader loaded to its capacity.

John McCoy, who lives about three miles east of Sabetha, is an old time Shorthorn breeder who started his active career in Kansas with practically nothing but his bare hands. He now owns 500 acres of land, a house in town, a splendid herd of Shorthorn cattle and a great reputation as a breeder. His herd bull at this time is Pride of Collynie 259588 by Imp. Collynie. This bull was bred by S. C. Hanna of Howard, Kan., and is one of the best that we have seen from that famous farm. The assistant herd bull is by Barmpton Knight and is also of good quality. The herd is made up largely of Rose Marys, Cow

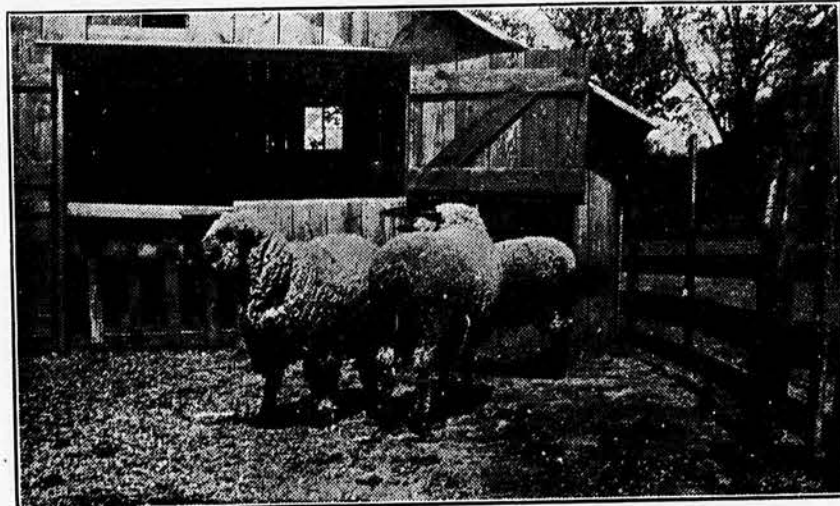
Slips and Young Marys, and in thirty years of breeding experience Mr. McCoy has never sold a bull that was not a breeder. This is due to the fact that he cultivates the milking qualities of his cows and is very careful in the selection of his herd bulls. One of the things of which Mr. McCoy likes to boast is the fact that he has sold nearly \$10,000 worth of cattle into one Nebraska county alone.

T. J. Meisner is a most enthusiastic breeder of Poland China swine, although he does not live within the boundaries of Brown county. He is a young breeder of unusual ability, and has a farm that is especially adapted to swine breeding. He has made the most of this fact and has developed it and built all of the necessary and convenient buildings that are needed. The present herd boar is Metal Choice 54005 by Missouri Metal 48299, dam Miss Tildy 103669. This boar is the sire of most of the pigs now on the place, though some of the older hogs descend from Meisner's Hadley 49763 by Big Hadley. Among the sows we notice Pilot Daisy 122228 by Pilot Chief 43565, dam Irish Maid 104767; Junior Maid 122223 by Junior Chief; Polly Stout 12188 by Pawnee Chief; Miss May 122224 by Major M. and Black Nell 121187 by Chief of Pawnee. Two things were of special interest on this farm. One was that Andrew Meisner, a boy just in his teens, had paid \$70 of his own savings for the sow by Nebraska Jumbo, whose picture we give in another place. As this sow is bred to Big Hadley's Likeness, the boy is sure to make money. The other item of special interest was the unusual care which Mr. Meisner gives to his farm as well as his live stock. Mention was made in a recent issue of the Kansas Farmer of the special power house which he had constructed and equipped with a gasoline engine for doing the washing, churning and other heavy work of the household. He has just recently made a start in Shorthorn breeding, and has a young bull by Sir Rodger 181858 out of Red Violet by Coronado 177654.

George Kerr of Sabetha is an old-time breeder of Duroc-Jersey swine and had the honor of being the first president of the Kansas Duroc-Jersey Breeders' Association. He is not only very successful as a breeder, but is successful as a business man as well. He has a very nice farm that is well cared for, but time did not permit us to visit it or secure any pictures.

C. D. Fisher of Hamlin has a beautiful place which is devoted to the breeding of a high quality of registered Jersey cattle, some of which we show the pictures of in another column. He has just completed the erection of a new residence, and has one of the best farms in the neighborhood. His Jerseys are his pride, though he gives considerable attention to his Shropshire sheep. Having been engaged in other business for some time, his herd is not large, though the quality is excellent. He likes the Shropshire sheep because he thinks they bring the best quality of wool and are good mutton producers besides being prolific. He depends on the ewes to produce two lambs each, and finds that these with the wool, mutton and manure make them a very profitable class of live stock.

Bert G. Wise of Reserve, has a splendid bunch of Poland China swine and is just starting in Shorthorns. His herd boar is Wise's Hadley by Big Hadley out of Graceful S. and is a litter brother to Spangler's Hadley who won the championship at the Hutchinson State Fair last fall. He has coming on a What's Ex and a Bell



Hampshire sheep, as bred by E. E. Hazen, owner of Tile Brook Farm and secretary of the Kansas Sheep Breeders' Association, Hiawatha, Kan.



Metal boar, both of Expansion breeding that he will use later. He now has about 75 pigs and they are certainly a choice lot. Among the sows we notice Wise's Nemo by Nemo El's Dude, Rosalind Belle by What's Ex, whose picture is shown elsewhere, Wise's Hadley Girl by Big Hadley and Hiawatha 1st by a son of Mischief Maker. He has others by Kansas Chief and Butler's Darkness and has always adhered to the big type. He has been a good buyer as well as a good breeder and now has a bunch of the big type Poland Chinas that can hardly be excelled.

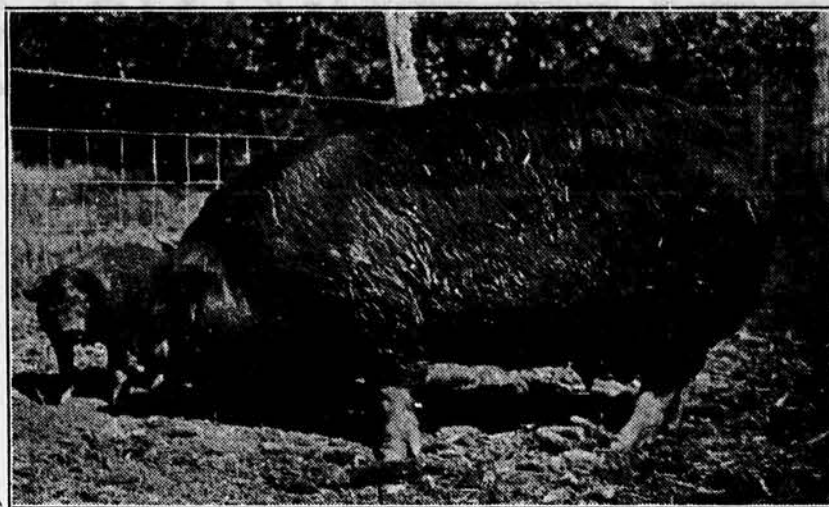
E. E. Hazen, secretary of the Kansas Sheep Breeders' Association and owner of the Tile Brook Farm, four miles northeast of Hiawatha, has a splendid farm of 240 acres on which he gives special attention to the raising of Hampshire sheep. His flock header is Stonhenge 105 No. 5671, who was bred by Kerry Coles and was in his famous show herd. This ram is the sire of all the lambs now on Tile Brook farm. The flock is not yet a large one, though it is very choice in quality. Mr. Hazen pointed out one ewe that had brought him 13 lambs in six years. He finds that sheep breeding is extremely profitable as compared with other live stock, and he likes the Hampshires better than any other breed. They have the merit of dropping very large lambs which mature early and afford quick returns in mutton. They are good wool producers and are easily handled. Mr. Hazen is not only an enthusiastic farmer and breeder, but he is a great admirer of the State Agricultural College, and makes a point of always being present at the state institute which is held there during the Christmas holidays. Incidentally, one of the finest teams of mules that we saw on our trip is owned and worked by Mr. Hazen. The snapshot picture which is shown of his sheep is not quite fair to them or him, as it was taken when they had just come from the pasture with no extra care or fitting up. They are splendid animals, however, and of a quality that is sure to induce other farmers to adopt the same breed.

W. C. Singer, who lives about 11 miles northeast of Hiawatha, is a remarkably successful breeder of Poland China swine. His herd is not a large one, but it would be difficult to exceed it for quality. In fact, we do not remember to have visited a herd where high quality was so marked all the way through as is apparent in this one. The herd is headed by Prince Hadley 49326 by Big Hadley, dam Gertrude 109984 by Johnson's Chief. Prince Hadley is one of the best boars the writer has seen lately. Mr. Singer has a young boar by Fuller's Jumbo that promises well and will be used later. Among the sows are Matilda B 128488 by What's Ex and out of Mattie Bell 127832; Silver Slick 130810 by Gold Medal; Cur Favorite by Grand Chief 2d; Junior Rose by Junior Chief, a grandson of Grand Chief; Good Metal by Flashy Metal; Lady Hutch 2d by Captain Hutch. Irene X by Top Chief; Black Quality, a granddaughter of First Quality. Mr. Singer plans to hold a sale some time this fall, and if he does so we predict unusual success for him because of the quality of hogs represented in his herd.

H. F. Erdley breeds Jersey cattle and Berkshire swine on his farm adjacent to Hiawatha. He has made a long step toward solving the problem of keeping a cow to the acre. His Berkshire herd is small as yet, but he has started well by buying his foundation stock from Chas. E. Sutton of Lawrence. His Jersey herd now numbers

about 40 head, in which is included some very high class blood. Most of the cows are daughters of Flying Fox's Pride 71690 by Imp. Flying Fox and out of Bridget's Pride. The crop of calves were sired by Uncle Peter's Lad 74348 by Uncle Peter's Gold Mine and out of Flying Fox heifers. Among the cows are two daughters of Silver-rine Coomassie, one of which won first prize at St. Louis on get of sire: Imported Bell's Victoria of St. Martin; Idle's Fancy, a granddaughter of Exile. In addition to his breeding operations Mr. Erdley has a very fine milk trade and this summer plans the erection of a new and more commodious barn for his cattle. His location for the business he is engaged in could not well be better and when his new barn is completed it will be difficult to surpass his equipment.

T. J. Sands of Robinson is one of the best posted Shorthorn breeders it has ever been our good fortune to meet. He not only knows good cattle, but he is an authority on pedigrees. His sons, who are equally interested in the farm and the herd, are very like him in their knowledge of pedigrees and breeding lines, and are unusual among farm boys in this respect. His herd bull is Royal Leader 304409 by Lavender Viceroy by Lavender Viscount, dam Fourth Princess Royal of Cherry Grove by Spartan Hero 77932. This pedigree stands for quality in breeding. Some of the cows are Imp. Bessie by Cityton Pride 126401, Alice Roosevelt by Topman 139749, Ortiz Sybil by Lord Lieutenant 2d 116309 and her sister, Ortiz Victoria 2d, by the same sire, who has the remarkable record of having produced six heifer calves and never having produced a bull in her life; Scottish Lady 2d by Barmpton Knight 148785, Miss Orange 4th by Courtier 2d 137285, Imported Nonpareil 35th by Kintore Hero 130859 and her daughter Nonpareil



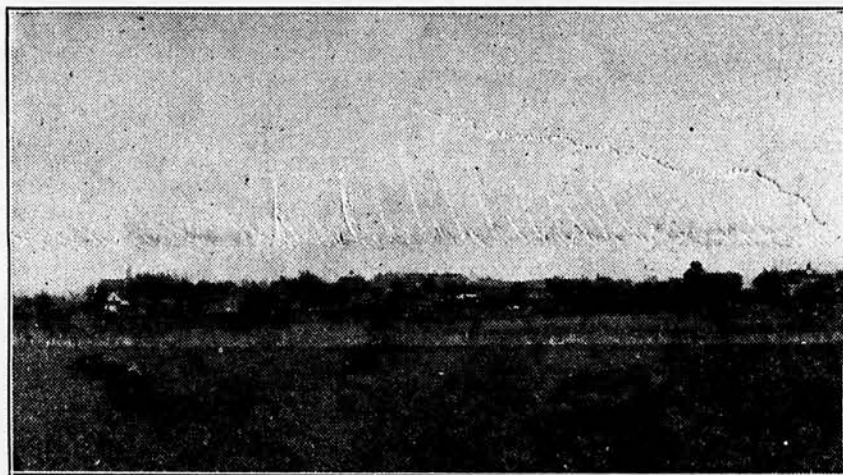
Rosalind Belle, one of the fine Poland China sows owned by Bert G. Wise, Reserve, Kan. A snap shot.

ness. He will endeavor to make his friends feel at home when they call upon him.

J. A. Larson, owner of the Plainview Stock Farm at Everest, Kan., is one of the best known Hereford breeders in the northeastern part of the state. His herd now numbers 70 head, and is headed by Beau Royal 199349 by Beau Dandy 145564 by Beau Brummel 51817, dam Pretty Lady 25th 121411 by Lamp-lighter 51834. The cows in his herd are mostly of Hesiod and Anxiety blood, and Mr. Larson has adhered somewhat closely to his favorite lines of breeding. He has made a reputation as an exhibitor as well as a breeder and the larger fairs have welcomed him to their show ring. Whenever he appears in the show ring there is always something doing and his competitors find that he is sure to give a good account of himself. Time did not permit us to secure any pic-

in a large cement reservoir that is about ten feet in diameter and fifteen feet deep, and from the bottom of this there is a constant stream of bubbles carrying to the surface the evidences of gases from below. Rumor has it that this spring became clogged in some way a good many years ago, and this accumulation of gases exploded with such noise as to shake the earth for a considerable distance, and to be heard at a town some twelve miles distant. Since this spring has been put in order there has been no explosion and can be none, though there is a constant evolution of gas, which adds to the refreshing and medicinal qualities of the water.

Near the hotel and across the stream from the large spring just mentioned, is the "flowing bowl," a picture of which is shown in this issue. This spring is even more highly thought of than any of the others because it has the merit of bringing relief to those who suffer from rheumatism, as well as to those who have stomach and kidney troubles. There are about a dozen springs that have been tested for their value as remedial agents, and a number of others which are of unknown value but all flow into a little stream which meanders through the beautiful park in which the springs are located. A short dam has been built across the low land below one of these springs, and the water from it has formed a large lake, on which boating is enjoyed by the summer visitors. The grounds have been carefully laid out and are as carefully tended. Practically all of the forest trees except black walnut have been cut out, and the remaining trees have attained a magnificent growth under which is a dense sod of blue grass covering some forty acres of hill and dale in which the wild flowers grow abundantly. Rustic seats have been provided throughout the park and a handsome pavilion has been erected for festive occasions. The little creek is beautifully clear and stocked with fish for the amusement of visitors who like fishing. Along its borders grow abundant flowers and masses of water cress. The owner has erected a large building for the accommodation of visitors who wish to remain for a time and get the benefit of these waters. This building has about forty private rooms with an attached bath house, where baths may be had in the waters of the particular spring that may be selected. Sufferers from rheumatism and kidney, bladder, blood and skin diseases are sure to find relief and cure from the use of these waters. They are recommended for the liquor and morphine habits and are practically specific for a nervous breakdown and general debility. The waters were analyzed by Prof. E. H. S. Bailey of the State University, who proved them to have the choicest mineral agents in the best possible combination in their makeup. The late owner, Mr. J. G. Hayes, did more for the improvement of this beauty spot than all who had gone before him, and his widow still owns and conducts it for the comfort and enjoyment of both those who may be ailing from any of the diseases mentioned above or those who need a change of scene and want a quiet, restful, delightful place in which to spend a vacation. Mrs. Hayes is a delightful hostess, whose one object seems to be the comfort of her guests, and of all the thousands of people who come there each season for picnics, dances, lodge outings, or for health, there are none who do not remember her and desire to come again.



Some of D. W. Evans' fine Poland China sows in the alfalfa field near Fairview, Brown county, Kansas.

37th by Golden Lad 115691, Naomi's Ruth 4th by Clipper Chief 174514.

Eli Zimmerman, who has bred Poland China swine for so many years at Fairview, Kan., has lately moved to a new place south of Hiawatha. It is doubtful if there is any breeder of this popular breed in Kansas who does not know of him and his hogs. Mr. Zimmerman states that he has now attained his 73d year and he is certainly one of the best posted men on live stock in his section. Owing to his change to his new farm he is not in shape to handle hogs as he has been doing heretofore, but will soon have matters arranged so that he will be glad to welcome his old friends and to make new ones. Mr. Zimmerman has long been a live stock auctioneer of repute, and is still able to show the young fellows some points in the busi-

ness at his place though we may hope to have something more to say about his herd later on.

Taken as a whole Brown county has long been known as the center of a considerable breeding industry, and present conditions indicate that new herds will be started, new breeders will enter the field and live stock will become the dominant feature of the agricultural interests of one of the best counties of the state.

**Sun Springs, "The Healing Waters."**

This is the beauty spot of Kansas. Nestling in a little valley that is surrounded by low lying hills covered by a luxuriant forest growth, near Morrill in Brown county, Kansas, is one of the wonder nooks of the West. Here, gushing from the earth in copious flow, are a dozen springs whose healing virtues are well known to and fought for by the Indian tribes long before the white man ever set foot on these great plains. These springs are still known and valued by the red men, to whom they have brought healing and comfort for unknown centuries. They are even better known and loved by the white invader who has learned of their healing virtues and the delightfulness of their surroundings.

Together these springs constitute one of the most wonderful spots in the great plains region. The flow of water from each is immense, and each has its different qualities. All have a medicinal value, but some are of special use in certain classes of physical ailments, while others have a more potent influence on other diseases. It has been said that these springs owe their origin to a long forgotten volcanic action which must have taken place here. One of them has been encased



How they make good roads in Brown county, Kansas.





# KANSAS FARMER EDITORIAL



## FARMERS LOSE MONEY ON EGGS.

Prof. Allen G. Philips of the Kansas Agricultural College calls attention to the fact that a little care on the part of farmers in marketing eggs would save them a good deal in cash.

He mentions a case in which one buyer was compelled to purchase over 800 cases of eggs in order to be able to select 400 cases, or one car, for a shipment of first-class eggs. Of these 800 cases bought, 300 were too small, 75 too dirty, and 25 cracked. The price paid was 17 cents per dozen, or \$5.10 per case. This buyer stated that if even 80 per cent of these eggs, instead of 50 per cent, had been first class, he would have been able to have paid 2 cents per dozen or 60 cents per case more than he did. Eight hundred cases at a 60-cent increase would have placed \$480 more into the pockets of the farmers. The effort required to have sold good eggs instead of inferior ones to this buyer would certainly not have cost the producers \$480. Knowledge is of value, and knowing what eggs to market and how to market them would mean increased revenue to any farmer who has eggs to sell.

## WHAT YOU BUY.

It would be well if farmers would paste the following in their hats or lock it into the memory somewhere, suggests Hoard's Dairyman:

In a ton of cornmeal there are 88 pounds of protein; in a ton of wheat bran 240 pounds; in a ton of cottonseed meal 744 pounds; in a ton of oats 184 pounds; in a ton of oil meal, old process, 580 pounds; in a ton of clover hay 140 pounds; in a ton of alfalfa hay 220 pounds; in a ton of timothy hay 60 pounds. When you buy outside feeds, remember that that which is the richest in protein is always the cheapest even if you have to pay double what you would pay for some other feeds. It is the amount of protein per ton that we should look to.

## DISPOSAL OF SEWAGE.

The proper disposal of sewage and particularly of house sewage did not formerly attract much attention but of late it has come to be regarded as vitally important.

It is now a well established fact that such sewage contains the bacteria of decay and of certain classes of disease. It is equally well established that these classes of bacteria cannot live and multiply and do their work without the presence of air. Furthermore it is true beyond a doubt that the disposal of such sewage on the surface of the ground serves to saturate that ground with these disease bearing bacteria which remain dangerous to human health and life by contaminating the well water or otherwise. The same thing is true if the sewage is disposed of in a running stream except that in the latter case the danger zone is greatly enlarged.

Two solutions of the problem of the proper disposal of farm home sewage are now in use in the neighborhood in which the writer lives. The first of these is by means of the antiseptic tank which has been described in these columns and which has for its purpose the retention of the sewage in an air-tight reservoir until the destructive bacteria have been destroyed by the action of the useful kinds which produce decay. The other system provides for the carrying of the sewage to a settling basin far enough removed from the house to be inoffensive and the distribution of the surplus through overflow pipes so laid as to at once irrigate and manure the truck garden.

One of these systems, or some modification of it, should be installed upon every farm. It is dangerous to yourself and your neighbors to dispose of sewage into a running stream and it is equally dangerous to dispose of it upon the surface of the ground for long periods and without breaking the ground up frequently.

When you take out an insurance policy on your farm buildings you feel satisfied that you have done a wise thing. It does not cost much but it may pay big dividends on the invest-

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ment. When you take out a policy on your life you have the same comfortable feeling that you have done well. You have done well and that which is only a plain business duty. This being true, why not go a step farther and gain more satisfaction? Why not insure your live stock? Why should one consider his whole duty done when he has protected himself against loss of buildings when he has not protected himself against loss of live stock which may be equally valuable.

And don't neglect the vegetable garden. It is not too late to plant many kinds of vegetables and the land on which they are successfully grown will be found to be about the most valuable on the farm. A farmer must do very hard work both mentally and physically and, in order to do his best, he should keep himself in the pink of condition both mentally and physically. To do this he must attend to his physical needs first for upon them depends, in a very large degree, his mental condition. When working hard the physical man needs good things to eat and a good place to sleep. The good things to eat come from no place in such fine condition or of such worth as from the home garden.

Think that dog proposition over seriously and determine whether such animals are worth while on the farm. Dogs are certainly of no economic value in town and each year sees a record of injury and death resulting from their bites. If they have no value in town they would certainly seem to have even less in the country. So where is a good place for a dog?

Prof. I. P. Roberts, of Cornell University, than whom there is no better authority on things agricultural in the east, says: "The farmer at last has one foot in the stirrup, and if prices will only go up 25 per cent more he will be in the saddle, and you know the man on horseback rules the world. It is a little laughable to see so many trying to climb over the tailboard of the wagon when the turnips are all raised and ready to be harvested."

The problems connected with immigration to this country are becoming more and more serious. In the earlier days our immigrants came from the countries of northern Europe and each brought with him something of value to his new home. Perhaps no great number of them brought money in large amounts but they brought accurate knowledge and skill and industrious habits and as such they were welcome. Of late years, however, the bulk of our immigration seems to have come from the countries of southern

Europe and to have included all too many of the criminal and other classes of undesirable citizens. That this condition will affect our mental and moral status as a nation can not be doubted and that it has already affected us to a considerable extent seems extremely probable. These immigrants lack in those elements of thrift and skill that were possessed by the old time German, Swede, British or Dane who came to help in making of this country the greatest in history. They not only lack in the desirable qualities but they possess others that are antagonistic to the spirit of our country. The question is, can we assimilate them or will they assimilate us?

## THE OLEOMARGARINE LAW.

The oleomargarine law as it now exists provides for the ten cent tax only on "artificially colored" oleomargarine. The ingenuity of the manufacturers has enabled them to select the ingredients of their product so that it is held by the courts under evidence adduced to be yellow although not artificially colored except in the case of palm oil. This is true to such an extent that less than three per cent of the product now pays the ten cent tax, although at least 75 per cent of it is in imitation of yellow butter.

The summary powers given to the Commissioner of Internal Revenue in enforcing other revenue laws is not given him for the enforcement of the present oleomargarine law.

The size of oleomargarine packages is not regulated, permitting the sale of the product in butter tubs and thus making deception easier.

The McHenry bill now before Congress seeks to remedy these defects by changing an ineffective law, making it capable of enforcement and effective, while the Bursleson bill seeks to cure the patient by knocking him in the head.

It is now stated that all of the excavation work contemplated in the original estimate for the Panama canal has been completed and that the labor now engaging the attention of the government is that of making additional excavations to accommodate the big war vessels of the Dreadnaught type and the big ocean liners. This latter work was ordered by the President.

Why would not a "roadside betterment day" be a good thing for the granges as it is for the farmers' institutes? Every dollar that is judiciously expended in the betterment of public highways makes your property worth more. Such things can come, however, only through a community of interest.

Because of the fact that the marine insurance companies have withdrawn insurance against damage by weavil

and other vermin in flour intended for export the Kansas Experiment Station has been asked to render assistance to the flour mills of the state. This action places a ban upon all exporting of flour from Kansas except such as has been officially inspected and fumigated. Prof. Geo. A. Dean has been delegated by the Experiment Station to undertake this work at once and the millers will employ an expert to assist him under the direction of the station.

"There is always room at the top" in any business in life but there is more top room in farming than in any other. A man can not know too much to be a farmer and the time is right here when many of them do not know enough. It is said that the fact that farming has been an unprofitable business until very recently has been the one most powerful reason why there was such an exodus to the cities and the trades. It is said that the farmers have not benefitted greatly by the present high prices of food products because they had sold their surplus before these prices came and it is further said that there is now a tide of immigration from city to farm because of these same high prices. This may all be true or it may not. If there is such a tide towards the farm there are many people who are doomed to disappointment.

Farming is a complicated business conducted by business men with business methods, and the man who undertakes it without the necessary preliminary training will find himself in the same position as is the untrained man in the trades or professions. He may exist and he may win final success if he lives long enough and is persistent, but his path will be long and hard. More men are needed on the farms but they should come up through the school house and not from the cities. Ever since this country began to have public schools we have so worded our textbooks and framed our courses of study as to lead toward commercial life rather than farming. Now when prices are high and farmers relatively scarce is it not a good time to give attention to our greatest industry by a remodeling of our school curricula?

It is said that at least 250,000 people moved from the cities to farms last year and that \$350,000,000 were withdrawn from other lines of business and invested in farm homes while the demand upon public libraries for books on agricultural subjects was never so great. If this is true it is significant. It means a greatly increased demand for farm land and a consequent increase in price. This means much of subdivision of present farm areas into smaller holdings and a more intense agriculture in consequence. The large farms of the west are gradually diminishing in size but there still remains the south and the abandoned farms of the east to reclaim and repopulate with real farmers. Immigration may turn in those directions but not until the west is completely occupied. Meantime, the farmer who is "onto his job" sees good times ahead.

Though it took years to accomplish it alfalfa has at last attained its rightful place at the top of the hay market. Even in this state where it is the queen of crops the knowledge of its real value as a feed spread slowly and the market demand for it was a long time in growing. Now its worth is recognized from ocean to ocean, especially as a feed for dairy cows, and the consequent increase in price which is sure to come with increased demand, will probably result in a greatly increased area being devoted to this most wonderful plant.

The summer course in domestic science and art is now in progress at the Agricultural College and will continue until July 22. This course is designed to meet the needs of the public school teachers, says the Industrialist, and only those who now hold certificates are admitted. Fifteen hours per week will be devoted to cooking, 10 to sewing and 5 to floriculture and the completion of one summer course entitles the student to a certificate.



# Most Economical Way to Get Good Cows is to Raise Them

Every year the need for good dairy cows is becoming more imperative. There was a time when it was possible to buy cows at a moderate price but of late years the price has steadily increased until it is difficult to buy a first class cow. Under these conditions the most wide-awake dairymen have found it pays them best to raise the heifer calves and keep up their herds by their own breeding. Having decided on this method of keeping up the herd it becomes extremely important that the proper sire shall be used for breeding purposes and that strong and vigorous calves shall be dropped.

The sire to be used must be carefully selected. He should be not only a "pure bred" but a good "pure bred." It is not enough that his name is written in a book and that he has a herd book number. The producing power of his dam and grandam should be known. Of what value is registration unless it stands for production? We keep animals for the money we can make out of them, and not simply to breed long lines of fashionable families. We have spent too much money in buying pedigrees that did not stand for anything. The various cattle associations are to be praised for the introduction of advanced registry systems whereby the buyer may know what has been accomplished by the ancestors of the stock he wishes to buy. Get a bull then whose dam has been a good producer of milk or butter and whose grandson on his sire's side was a great producer. Don't go back over three or four generations of registered scrubs to find a famous animal in the pedigree. Look for excellence close up to the animal you are buying, or the one you are going to breed from.

In order to obtain vigorous calves the cow should be well fed before the calf is dropped. The common practice of stopping all grain feed when the cow goes dry is not a good one. The cow must be well fed if she is to develop a strong, vigorous, healthy calf. The feed may be of the same nature as when she is milking, a good protein ration. Two weeks before calving, feed liberally on wheat bran. This is cooling to the system and furnishes excellent material for building bone in the young calf.

After the calf is dropped it should be given new milk from its dam for the first few days, and preferably for two weeks. If the cows are Jerseys or Guernseys, it is well to limit carefully the amount of milk given the young calf, as the rich milk of these breeds frequently gives the youngster indigestion. The milk from Ayrshires or Holsteins is better to raise the calves on than that from the Jerseys or Guernseys. If the cow has been well fed before freshening, the calf is likely to be vigorous and to withstand the ills of calthood.

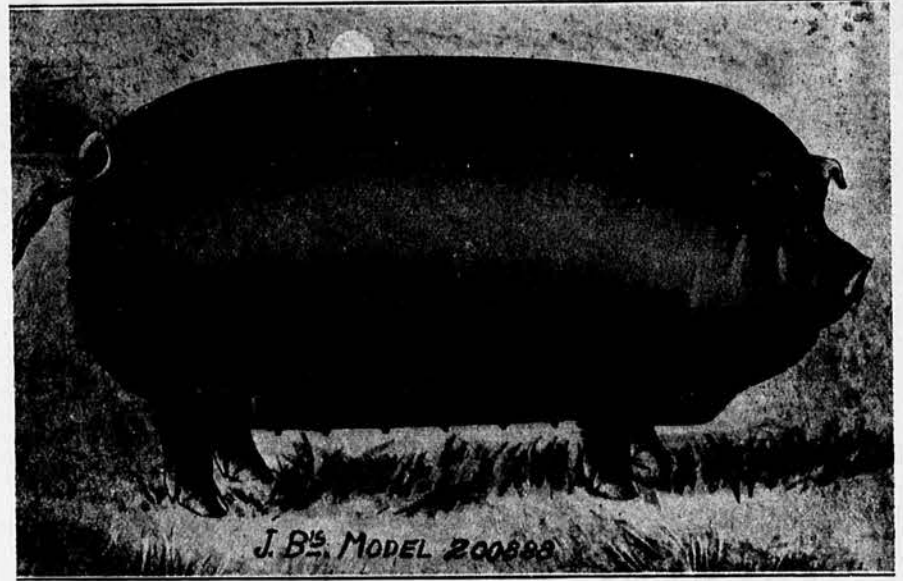
The calf may be fed from six to ten pounds of new milk per day for the first two weeks. After that, gradually replace new milk with skimmed and give fine hay and a handful of grain after each feeding

with milk. By this method the calf will eat at six weeks old about ten pounds of hay, ten pounds of ensilage, two pounds of grain, and one hundred and twenty pounds of skimmed milk per week at a cost for the week of 35 cents.

Allowing five months on pasture and feeding some grain all summer, the cost for the first year will be about \$30. If the calves are born in the spring they must be fed in the barn or in a field close to the barn where they can be given some extra attention. It will not do to turn calves out when less than one year old and expect them to grow properly on ordinary dry pastures, without feeding them some grain.

The second year's feeding of heifers is costing the Connecticut Agricultural College about \$30, making the heifers cost for feed alone at two years old \$60. This figure is arrived at by allowing \$16 per ton for hay in the barn, \$4 per ton for silage and \$30 per ton for the grain mixture. The new milk was charged up at 3½ cents per quart and the skim-milk at 20 cents per hundred-weight.

If we figure the heifer to be worth \$5 when dropped and consider that the manure has paid for the labor of taking care of her she costs us \$65 at two years old. This does not take account of the money invested in buildings and equipment. This seems a high price to pay for a two-year-old, but it must be remembered that the farm crops have been sold to her at



J. B.'s Model, one of the splendid Duroc-Jersey sows owned by J. B. Davis, Fairview, Brown county, Kansas, and the result of his long experience as a most successful breeder.

of milking and it is sold on a butter-fat basis it would have to test 5 per cent in order to give 250 pounds of fat. Two hundred and fifty pounds of fat at 30 cents per pound equals \$75; 4,000 pounds of skim-milk is worth \$8, and her calf is worth at least \$2, making her total product for the year worth about \$85. If she would give 6,000 pounds of milk testing the same, her product would be worth \$101. Seven thousand pounds of 3 per cent milk would be worth \$86.70 on the same basis, and the same amount of milk at 3½ cents per quart would be worth \$115, and add-

and are worth \$100 of any farmer's money.

The feeding of dairy cows has become a serious matter in these days of high prices for feed. Too many farmers seem inclined to cut down the grain ration because they cannot afford to pay the price. It would be better to cut down the number of cows; get rid of all that will not pay well for extra grain, and then feed the remainder liberally. A large part of all food eaten by the cows goes to keep up her physical system and to do her work, and it is only the excess that is returned to the farmer in the form of milk. It pays therefore to feed only such cows as will return the excess in milk, and not lay it up on their ribs in the form of fat. Having secured such cows, the more feed they will eat the better.

The medium size cows in our herd in winter are fed about as follows: Silage, 35 pounds; hay, 12 pounds; corn meal, 2 pounds; hay, 12 pounds; corn meal, 2 pounds; gluten feed, 2 pounds; bran, 2 pounds; cottonseed meal, 2 pounds.

Good clover hay is much more valuable than timothy or redtop. Clover cut early and well cured will materially decrease the amount of grain used to keep the cows up to a full flow. The proper amount to feed each cow is largely determined by a study of the weight sheet, which records the amount of milk given each day. If a cow eats her feed up clean, and increases in milk flow as the amount of feed is increased it is deemed safe to feed her more grain. If the milk flow does not increase the grain ration may be carefully reduced. When the cow begins to dry off preparatory to dropping another calf the grain should be kept up to five or six pounds per day in order that the foetus may have proper nourishment, and the cow be in good condition when she begins her new year's work.—Prof. J. M. True-man, Storrs, Conn.

Every load of manure hauled upon the grass land insures a bigger corn crop when the change is made. Manure the sod before it is broken up.



"The Flowing Bowl," one of the wonderful springs at Sun Springs Health Resort, near Morrill, Brown county, Kansas.

a good price and that she is well bred and has been well developed and is likely to be worth more than the ordinary scrub heifer. If the heifers do well and are large and vigorous, they may be bred so as to freshen at from two years old to 30 months; probably the latter age would be better as a general rule. In that case, six months extra feed will be charged to the heifer before she begins her life work.

It is important now to know what would be expected from such a heifer in order that she may prove a profitable investment. If she gives 5,000 pounds of milk during her first year

ing the calf at \$2 would make the product worth \$117.

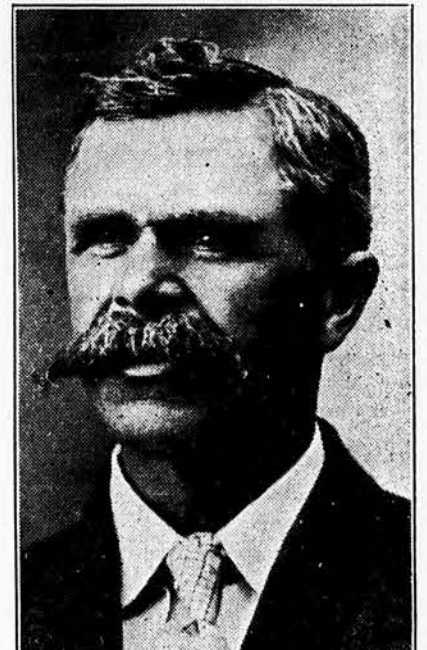
By this method of figuring it is easy to see that we must get pretty good heifers if they are to pay for the cost of raising them by the time they are five or six years old. A heifer that costs \$65 to raise to two years old will need to give pretty close to \$100 gross income each year for the first three years she milks in order to pay for what she eats each year and leave enough over to pay in three years for what it costs to raise her. It will cost pretty close to \$75 per year to feed her, leaving \$25 each year to go toward paying for her. All of the heifers raised will not turn out well, and some of them will have to be sold to the butcher at a loss. This will add something like \$10 to the cost of those that do turn out well, so that the figure kept in mind for raising good heifers to two years old should be \$75.

Having reared our heifers and milked them for three years we should find that they stand clear on our books at five or at the most six years old. We then have strong, healthy cows that are producing an amount of milk that makes them profitable. They have paid us a good market price for all we have fed them of our farm products. They have been producing fertilizing material to keep up the farm and enabling us to raise more and larger crops. We are doing a safe, permanent business, that is improving the farm rather than depleting it.

The cows that have paid for themselves by the time they are six years old are just coming to maturity and will be able to do their best for the next five or six years. They will produce from forty to sixty dollars each year more than it takes to feed them,



Fishing in the brook created by the wonderful mineral springs at Sun Springs Health Resort, near Morrill, Brown county, Kansas.



T. J. Sands, the very successful Shorthorn breeder at Robinson, Brown county, Kansas.





# HOME CIRCLE



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In these days of general prosperity, when the farmer is credited with the ability to buy and pay for what he wants; when labor saving machinery is to be found upon every farm; when the young folks secure the advantages of a college training and rural mail routes, telephones and automobiles serve to annihilate distance and bring the farmer into closer relations with his fellow-man does the farmer's wife prosper in her own proper sphere as well? Is her condition improved? Are her labors lightened by modern conveniences and labor-saving machinery? Does she have her own pin money or hold property in her own name? Does she participate in the meetings of women's clubs or farmers' institutes, and does she get time to become active in the affairs of the community? In order to get at the real facts concerning the home life and present conditions of the farmers' wives and families and learn whether the general prosperity has benefited them as well as it has their sisters of the towns and cities or their husbands and brothers on the farm, The Kansas Farmer will offer a prize of one year's subscription for the best letter on the home life of the farmer's wife and family. These letters must be signed but the names of the writers will not be printed unless special permission is granted. Address your letters to Editor Home Department, Kansas Farmer.

### "A Black Night."

Dorothy, Alice, and Frank stood at the window. It was the day of the party.

It had started to rain in the morning; had rained all forenoon and was still raining in the afternoon, without any signs of stopping.

"It is too bad, isn't it, chicks? And you had planned so much on the party."

The children turned, to find their grandpa standing behind them.

"Oh, grandpa, we're so glad you have come. Please tell us a story, now do, grandpa," cried the children.

"All right, chicks, if you really want me to," said grandpa, a smile coming over his kind old face. "How would a story about 'A black night' do?"

"Oh, fine!" cried the children.

Dorothy ran to get the rocking chair for the old gentleman, and then to bring her own little one up beside his. Frank and Alice sat close to him, so as to hear every word, for grandpa's stories were always interesting.

"It was in winter," said grandpa. "John Holt and myself had gone hunting rabbits. We took our lunch so we wouldn't have to go home for dinner. We went to the woods, and as it is always dark in the woods, we did not notice when the sky began to grow dark gray in color and the wind began blowing. John happened to look up, and turning to me said, 'Look at the sky, Addison.' I looked. 'We're in for a storm,' I said, 'and we'd better run for home, I guess.'"

"We turned but had only gone a little way when it began to snow, and it grew so dark you could not see your hand before your face—"

"Goodness!" exclaimed Alice, "how terrible!"

"It did seem so," said grandpa, "and John began to cry; for you must remember he was only eleven years old, and I wasn't much better, being only a year older. We both had lost our guns when we started to run and couldn't find them again. We kept tight hold of each other, we boys. Suddenly John stumbled, hit his head against a tree and lay still. I was so frightened I stood and screamed. Very soon I stopped screaming. I saw something that scared me nearly to death. It was a glare of a lantern but to my eyes it was the shining of some wild, man-eating animal's eyes, coming to kill me; at that thought I hid my face in my arms and screamed again; this time loud enough to scare goblins if there were any around.

"There they are," said a voice. "Where?" said another. At that I tumbled over John and everything turned blacker to me. If such a thing was possible. When I recovered I was at home. I had both ears frostbitten, a broken nose and hurt finger to remember the night by."

As grandpa ended the story Alice sighed, and Dorothy said, "I believe I'll stay at home when it snows like that."

"I would advise you to," said grandpa.

"What became of John?" Frank asked.

"He had a broken leg," said grandpa, "which kept him in bed six weeks."

"How terrible!" said Alice, in a low voice.

"It hardly seems true," said Dorothy.

"It wasn't," grandpa replied with a little laugh. "It was a—dream!"

### Home Topics.

F. LINCOLN FIELDS.

Since the farmer and his wife reside in the same house, we might call housekeeping a cooperative affair; and the husband should be free to go anywhere in the house and should also assist in keeping the house clean by his cleanly ways.

Always keep the cook stove clean.

Dish towels should always be white and sweet. Flour, bran and shorts sacks, neatly hemmed and washed white serve well for dish towels.

Keep the cupboard shelves neat and clean and always neatly arranged.

### A Fashionable Coat Suit.

8684—This is an excellent model for a coat of a two-piece suit or to be worn separately. The deep closing will be one of the important features of spring coats. Any of the new spring suiting will be appropriate for this model.

8572—The skirt shown with coat 8684 is on the most popular order, having a panel front and neat yoke lengthened by a plaited flounce. The lines of this skirt conform nicely to those of coat shown with it and together make a very choice suit for the coming spring season.

Coat cut in sizes 32, 34, 36, 38, 40, 42 inches bust measure and requires 3 1-8 yds. of 44-inch material for the 36-inch size. The skirt is cut in 6



8684—8572

sizes, 22, 24, 26, 28, 30, 32 inches waist measure and requires 4 1-2 yds. of 44-inch material.

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# THE FARM



## How We Organized and Conduct Our Farmers' Club.

J. P. BOULTON, BURLINGAME.  
 For our mutual improvement, the entertainment of our friends, and the cultivation of the amenities of social and farm life, we organized the Burlingame Farmers' Club, June 19, 1901. One of our neighbors got the idea of organizing the club while visiting in Michigan, and upon his return talked it over with the neighbors at the Bee Association and there elected officers pro tem. and decided to start a Farmers' Club. A meeting was held the following week, where by-laws and a constitution were drawn up.

In this day and age clubs are a general thing among all classes of people. The farmers are not behind others in this respect. They are constantly organizing clubs of different kinds all over the country. These clubs are organized mostly for the good of the community, both in social and agricultural pursuits.

Our Farmers' Club meets on the third Thursday of each month, at a different member's home each time. The program committee prepares the program for the next meeting. It is read, so that each one will know what part he is to take and will have ample time for preparation. These programs consist of songs, prayer, recitations, papers and short talks by the members. Then follows the discussion of a prearranged topic by one of the members. Each one is supposed to take part and express his views. The programs are always enjoyed, as well as the banquet which the farmers' good wives prepare. Each farmer's wife brings the most palatable eatables that can be had. The entertainment committee appoints the place of meeting, usually deciding upon the place nearest to where the last meeting was held. We gather about ten o'clock in the morning and spend the time until noon in visiting. The dinner is served on lap-boards belonging to the club. The host and hostess are assisted by the young folks, who wait on the tables.

After dinner the president calls the meeting to order. The minutes of the last meeting are read, recitations are given by the young folks, a short paper or two is read, and short talks are given for the good of the club. The minutes of the meeting and the forthcoming program are published in the county papers. Among the subjects that have been discussed was "Seeding of Tame Grasses." At our last meeting we decided that clover was the best fertilizer, but clover and timothy together make the best hay. Some told of fields that were worn out by having raised corn continuously for a number of years, but when sowed to clover were brought back to good rich soil again. They discussed how best to preserve a good stand of alfalfa. In the first place it was decided that, in order to get a good stand, seed should be sown in the fall; and to keep down the weeds and crab-grass it should be disked thoroughly about the second year. At one time we discussed "Cultivation of Corn," and decided that deep cultivation the first time and shallow afterward was found to be the best. One member found in digging a well that some corn roots grow as long as eight feet straight down into the ground. Another discussion was: Which variety, yellow or white corn, would yield the most to the acre? Some thought white was the best for upland and yellow best for the bottom land. It was decided that it mostly depends upon the cultivation that each receives. We discussed the best methods of preparing the soil for corn. This brought forth a lively discussion each one having an opinion of his own. Most of us were in favor of deep plowing and a thorough cultivation before planting. We also decided that it was best to test the seed corn before planting, to insure a good stand. Then with good cultivation and a fair climate one may expect a good crop of corn. One topic for discussion was: "What particular line of farming do you consider most profitable?" Some thought clover was the

best for a money crop, as well as being a good fertilizer. Others thought a system of rotation would prove more profitable, preferring the clover for a while and then corn; just leave it to corn for a few years, then put to wheat, and seed down to tame grass.

At one meeting the question for discussion was: "Resolved, that the best way to improve the roads is to apply the taxes on the roads instead of paying useless commissioners." This question brought up the road drag, and it was decided that if each farmer would make a drag and drag the road along his own farm, getting a small compensation per mile, the roads would be kept in a much better condition than they are at present.

The work of the different societies has had its effect to such an extent that the last legislature passed a law relating to dragging the roads in different townships. Under this law the township board shall divide the roads into such sections as will best carry out the purpose and provisions of the act. It shall be the duty of this board to see that the provisions are enforced. Beginning at a point nearest to the city or town these sections shall be continuous to the extreme point dragged or the township boundary, except where soil conditions make it impracticable to drag. Said board shall appoint a drag man for each section when the condition of such highway requires such work. The township board shall provide a drag for each section. The township board shall designate what portion of the road shall be single-trip road and what portion shall be double-trip road. In the selection and appointment of a drag man the resident abutting their section shall have the preference; provided, the township board shall remove the drag man from his position an account of ineffectual work and make another appointment for said section at any time. Compensation for a single-trip road shall be at the rate of not to exceed fifty cents per mile, with a maximum expenditure of five dollars per mile for any one year; and for double-trip roads at the rate of seventy-five cents per mile, with a maximum of seven dollars and fifty cents per mile for any one year.

"Meat for the farm" was discussed by the ladies. Some thought that beef, pickled for winter, then canned, was one of the best kinds of meat. One of the ladies gave her recipe for pickling and canning beef. Others thought that a flock of sheep furnished the best and most convenient supply of meat. They all agreed that salt pork was the main stand-by, especially the good farm-cured hams. Many different subjects have been discussed, such as the Barnes high-school law, scientific farming, gardening, feeding of certain rations to cattle and hogs, and the question of the benefit of the retired farmer to a city or town.

Some of our members have passed away, and each time the club has drawn up resolutions of sympathy which have been published in the local papers as well as being placed on the records of the club. We have been organized for nine years and quite a number of the charter members still attend, although now several of them have retired to the city. As a general rule those who belong to the club are the better class of farmers and those who have been most successful. As a rule the young men attend only in winter, and do not take as much interest as the older ones, although they derive benefit from the discussions that take place by getting them second-hand.

Life in the open country is so alluring and natural that even when it has not been made as easy and comfortable as might be it holds people fast. Those who want the young men and young women to come to the cities to work in factories and stores have devised the plan of educating them in that direction. They have patterned all their rural schools by city plans and models. Even in such details as arithmetical problems, they see to it that the children's minds are directed toward city life. They so fill the field of the child's attention with the affairs

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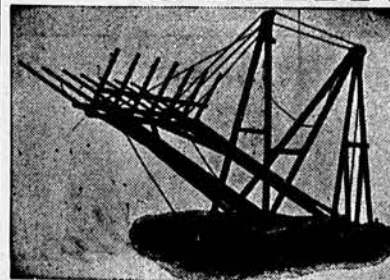


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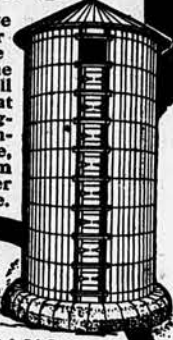
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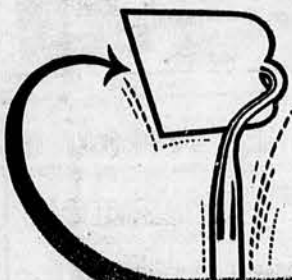
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of the town and city that they leave no room for the ideas that concern life in the open country. Year after year these children's minds are filled with city ideas, and as soon as the children are liberated from school and home they leap to the city. How can the boy be expected to look with ambition toward agriculture as a vocation when he finds that training for it is regarded as less important than the clerkship in some department store or shop? How can he think the village and rural life is anything more than a makeshift when he finds that in the school he attends there is not a word taught concerning crops, cattle or roads? The farmers have begun to apply their minds to the question of educating the children for life in the open country. Indeed, the movement toward increasing the efficiency of the country population has already been considerably developed.

In many cases boys have had to content with complaint from their own parents that farming is unprofitable. The Farmers' Club brings the fathers and mothers closer together, and these questions are discussed, and the children are encouraged to study agriculture, plant breeding and domestic science. The fact that the club work is yielding great results is shown by the increased number that attend the Agricultural College each year. Normal colleges are taking up the agricultural work, and this will have a tendency to change the country school from the city type. In time, possibly the school garden and the school farm will be regarded as necessary as any laboratory. It is the tendency nowadays to build a foundation with agriculturally educated minds as material for a rural economic system.

Without practical education the mind of the boy or girl becomes one-sided. Since the boy at home does not receive the one kind of education that the father has, he ought to receive it at school along with other studies. It does not matter so much how he gets it, so far as he himself is concerned. The boys in the cities are receiving it through manual training and in commercial studies. The boy in the country ought to learn it by the means that are right at his hand, in the laboratory of the garden and field. The training that is supplied by the practice in agriculture is the best kind of practical training. Whether the boy who goes to a country school becomes a farmer or not, he deserves some other education than that which pushes him toward the small clerical jobs in the cities. The city child is taught not how to run a bank, but how to do a good many things that pertain to banking. The country child should be taught at least some of the rudiments of agricultural industry with which he is surrounded. We should have more efficient country schools and teach the children that agriculture calls for the very highest kind of ability.

At the present time rural isolation is being overcome by the development of better means of communication among farmers who still live on their farms. So successful are these means of communication proving that we can not avoid the conclusion that herein lies the remedy. The value of the telephone can not be overestimated. The young folks can call up and find out just what time the various churches in the cities begin their services, league meetings, etc., who will sing, and what the subject or sermon is, and more than likely the program would be changed in the meantime and they would be disappointed by not hearing the sermon or singing. In past years invalids and those who were not for-

tunate enough to be able to ride in the open air were forced to miss the elevating and enlightening sermons and music that are weekly given at the churches. The telephone has made it possible for these people to enjoy the sermons and music at home equally as well as though they were in the church parlor. The first church in our country to be connected with the farmers' mutual telephone lines is the First Presbyterian church at Burlingame. A large horn is placed on the pulpit near the minister. When services begin "central" is notified and the farmers' lines connected and the signal given to listen "line call." The farmer, his wife and family or visiting friends may hear the entire service as well as though they were present at church during services. The country girl has much the advantage of the city girl, in that she can entertain less expensively. She can be in her home, make all arrangements in less than an hour, and order refreshments at a certain time so that her father, brother or the hired man can get them while in town without losing time from his regular business. She can do her inviting by telephone, which is most satisfactory to both parties concerned. And who would not rather spend an evening in a pleasant country home than one in the city, if out for a jolly time, wishing to forget the cares and worries of a busy day? In many districts where farmers own their own poles, wires and telephones, the evenings are often spent listening to entertainments given by some one who is fortunate enough to have a graphophone that plays all the late classical as well as "ragtime" music.

It used to be that when the date of some noted speaker or some program was changed that the farmers were interested in, it would take two or three days to notify them, often causing them extra work and keen disappointment. Such, for example, as the day for showing horses or sheep at a county fair being postponed a day or so, when the exhibitor was caused extra work to keep his stock in condition. Now to make such a change all that is necessary is to give the "line call," which brings the farmer or some member of his family to the telephone. You make the announcement you wish and nobody is inconvenienced. Thus you see the telephone has become indispensable in both social and business life. Improved wagon roads, rural free mail delivery, trolley lines through country districts, are bringing about a positive revolution in country living. They are curing the evil of isolation, without in the slightest degree robbing the farm of its manifold advantages for family life. The farmers are being welded into a more compact society. The problem now is to extend the advantages to every rural community, which is a quite difficult task. If this can be done and isolation can be reduced to a minimum, the solution of all other rural problems will become vastly easier.

The gasoline engine and the automobile are coming into practical use on the farm. Most of the heavy, tiresome work is being done with the gasoline engine. Corn is shelled and wood and ice are sawed and stored away in half the time it used to take and with much less hard work. Automobiles are being used by farmers not only for pleasure and for going from place to place in a short time but in doing the heavy hauling. Suppose a farmer has a twenty-horsepower motor on his farm. He would take his produce and milk to market and bring back his supplies, all within an hour's time. Even the present type of automobiles can be made of wonderful use on the farm. Some automobiles have been built to meet the requirements of country roads, with long wheel-base, large wheels and tires, high road clearance, large reserve power, simple but thoroughly reliable.

So with good roads, telephones, automobiles and other up-to-date improvements, it is not strange that such an organization as the Farmers' Club should be maintained. Our club has a membership of from thirty-five to forty present at each meeting. The dues are twenty-five cents a year, which money is used for the general improvement of the club. The object of the club is to inculcate a broad, intelligent ambition among our farming community, that more beneficial results in agriculture and horticulture may be secured, together with a higher standard in moral, social and intellectual culture and a more thorough knowledge of economic principles.

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# LIVE STOCK



### How an Animal Grows.

(Extracts from an address by H. J. Waters, President Kansas State Agricultural College, Manhattan, before the Kansas State Board of Agriculture.)

From the beginning of our efforts at animal improvement until the present time there has been an active controversy between the man who breeds the animal and the one who feeds it through its period of development, as to which bears the larger responsibility for its size, its form, and its functional activities, when mature.

In general, it has been assumed that both have contributed in an important way to the final result, and likewise that within certain, though ver faintly defined, limits, the extra activities or intelligence of the one might easily compensate for or overcome the laxity or the blunders of the other.

This notion implies that the feeder, for example, might by reason of his extra care and correct methods counteract or overcome to a considerable extent the mistakes of the breeder and make a good animal or a good race of animals in spite of poor mating. This notion also implies that in case the animals were properly bred they would turn out well, even though not fed with the highest degree of skill or with the greatest intelligence, and that the quality would be maintained under poor feeding for many generations.

Lying at the very foundation of the best progress in animal improvement is a clearer knowledge than we now possess of the limitations of heredity and nutrition in their influence upon the animal when mature, and a definite knowledge as to whether the deficiencies of one may to any practical degree be supplied by the other. Such knowledge would immediately lead to a more definite division of the responsibility of those who breed the animals and of those who subsequently feed them. It does not matter that the breeder and the feeder are in many instances one and the same man. These are separate and independent operations, requiring for their most intelligent performance an exact knowledge of what is to be accomplished and of what part each operation plays in the final outcome. We should then have much less waste of effort through attempts to accomplish with feed those things which may alone be accomplished through breeding, and by trusting to pedigree those things for which the feed bin alone is responsible. It is an old theory, but one which is well sustained by experience, that both contribute in an important and in fact an indispensable way to the final result, and that a really good race of animals cannot be developed or the excellency of highly improved race maintained except through a rational system of mating and a correct system of feeding. To neglect either is to check progress and indeed bring about a retrogression. The old maxim that "the best cross possible to make is between a well bred animal and a well filled grain bin," well expresses this theory and has been found to be absolutely sound.

We have, nevertheless, been lacking in exact experimental evidence on this point, and the carelessness of many of our breeders in regard to the way they feed their well bred stock, and the lack of interest of many of our feeders in how the animals they feed are bred, would indicate that all doubt on this point has not been removed. So long as any one is content to breed scrub stock or to nourish their well bred animals so that they cannot reach the highest development consistent with profitable production, thus must be a live question and one that lies at the very foundation of all progress in animal husbandry.

There are involved here really three fundamental questions: (1) What influence has heredity upon the size of the animal when mature, and what has the way in which the animal has been nourished to do with its development in this particular? (2) Does

heredity alone determine the form or type of the animal, or may the way in which it is nourished during its formative or growing period affect to an important degree its form or type? (3) Does heredity alone determine the functional activities of the animal, such as capacity to produce milk, to run, to trot, etc., or has the way in which it is fed during its formative period something to do with these functions?

For an extended discussion of the first question, namely, the influence of nutrition upon the size of the animal and upon the ways in which it may attain its normal size, the reader is referred to a recent volume of the Society for the Promotion of Agricultural Science.

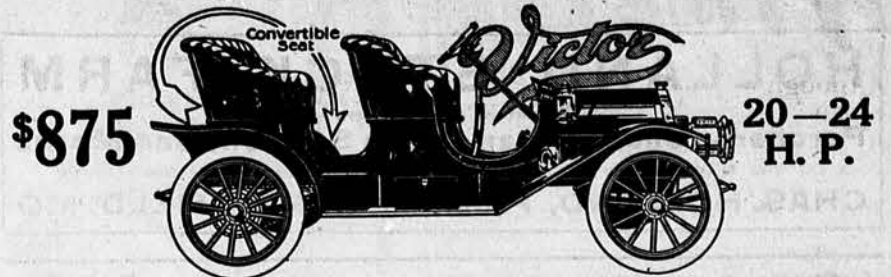
So far as the writer knows, the only exact work bearing upon the third phase of the question, namely, the effect of early feeding upon the capacity of animals to produce milk in after life, etc., is now in progress at the Missouri Experiment Station under the direction of Prof. C. H. Eckels, but none of his conclusions have thus far been published.

As stated before, the flesh covering is the part of the body in which we are interested, since it furnishes nearly all of the human food supplied by the animal when slaughtered. The lean part of this flesh covering is the very essential part, and the value of the carcass for human food will depend almost directly upon its development. Only so much fat should be on the carcass as is necessary to give juiciness and flavor and tenderness to the lean parts. Any fat over and above this amount is in excess of the economic requirements and is a waste of the feed required to produce it. This is especially true of cattle and sheep, but is not altogether true of swine. This is not due, as is popularly supposed, to the low nutritive value of fat in comparison with the lean, for quite the opposite is the truth, but because the fat, except in relatively small quantities and when well distributed with the lean, is not palatable and will not be eaten. Unlike butter, for example, it will not be eaten alone or with bread. The mutton and beef tallow are not extensively employed in cooking as is the fat of the hog.

Thus far in our studies of animal form, and in considering the feeding of animals for market and for show, we have not discriminated between the fat and lean portions of this flesh covering, but have been satisfied to regard it as a whole. So long, therefore, as the animal had a thick covering and this covering was so distributed as to yield a high proportion of the most valuable parts, so long as it presented a rotund and symmetrical form, we were satisfied to have it designated as the best animal in the show and thereby set it up as a type for the breeder to work to.

It is time, however, that we were considering these two parts of the flesh covering separately, and learning, by physical examination of the live animal, how to determine with a fair degree of accuracy how much of each is present, and whether there is a larger amount of fat than is required for the most satisfactory and economical use of the consumer of the meat. We should not be satisfied with any system of judging in our agricultural colleges and in the show ring which is less accurate and less detailed. It is true that this will call for more careful work and closer discrimination than has been our habit in the past, but we shall never make the improvement in our animals that we should and we shall not be making, an exact science of stock judging until we do.

The volume of the lean part, grossly speaking, is dependent upon the number and size of the muscle fibers and upon the amount of fat deposited between the muscles and between the fibers of the individual muscle. So far as is now known, the muscle fibers do not multiply in number after birth, and are indeed fixed in number long before birth, and presumably wholly by heredity. The relative



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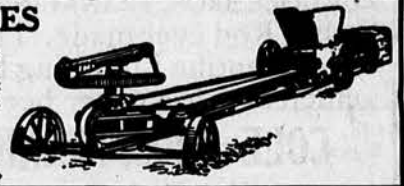
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size of these muscle fibers in a given animal will depend principally upon the age of the animal, but in part upon how highly it has been nourished, or upon its condition. So far as our studies have extended, however, these fibers do not show any marked difference in relative size as between the animals in average farm condition and in animals in a highly fattened or show condition. These studies do show, however, that in an animal held for a long period of time upon a very low nutritive plane, such as submaintenance, and by that means reduced to a very emaciated condition, there is a striking diminution in the relative diameter of the muscle fibers in contrast with those in animals in ordinary farm condition. This means that the condition of the animal or the plane upon which it is nourished may and does affect, in practice, to a considerable extent, the actual muscle volume. That is to say, these muscle fibers may within certain limits be built up or reduced in diameter by varying the nutritive plane upon which the animal is maintained, and all regardless of the age of the animal.

A striking example of the reduction of the muscle fiber through maintenance on a low nutritive plane is shown in the case of an animal that was held for more than twelve months on a submaintenance ration, losing during that time an average of half a pound in live weight per day, and being reduced from a very thrifty to a very emaciated condition. The average diameter of the fiber of the biceps muscle was approximately 20 micra. The diameter of a similar muscle fiber from an animal in ordinary farm condition of about the same age showed about 45 micra, whereas an animal in a very high state of flesh, having been fitted for the show ring, showed an average diameter of muscle fiber of approximately 50 micra.

The ideal beef animal would be one which would marble its muscles well by the time it had covered the outside of its carcass with an even layer of fat, not more than one-half inch in thickness, and had stored the mini-

mum quantity of fat in the abdominal cavity, around the kidneys, intestines, etc., where it serves no good purpose to the feeder or to the packer.

The market demands a carcass that is covered evenly but thinly with a white and firm fat, and at the same time a carcass whose lean portion is thick and which has stored sufficient fat between the muscles and inside of the muscles to make the meat stand up well in the shop and to give it richness and juiciness when cooked. The carcass that is not fully covered on the outside, or has, as the butcher says, the lean meat "grinning through," indicates a piece of meat that is not well marbled and will cook out dry and tough and with poor flavor. The opposite extreme of this underdone carcass is the one which has fat piled on in patches, being oftentimes two or three inches thick at the root of the tail and over the last rib and over the chuck, this fat being yellow in color and oily.

It is the improved beef breed which approaches the ideal just described, and it is the scrub, or unimproved animal, which represents the largest deviation from this ideal. Closely akin, however, to the scrub in this respect are the representatives of the highly developed dairy breeds. That is to say, the dairy breeds, while they have been enormously improved in the direction of increased milk and butter production, have not had their beef qualities improved, and in this regard they are in close proximity to the scrubs.

Scrubs and the dairy breeds have a strong tendency to store their fat inside the abdominal cavity, as around the kidneys and intestines, where it does not improve the appearance of the animal and adds very little indeed to the value of the carcass. Fat is more nearly wasted when deposited there than in any other place on the body. It is only when the fattening process has been carried to a considerable length or when these animals have been fed a long time that they store much fat under the skin and between the muscles. It is particularly late in the fattening process that they marble the meat by storing fat inside the muscles, and then only in relatively few parts of the body. Moreover, these nonbeef types do not cover their carcass evenly, but lay it on in large lumps and patches at the root of the tail, over the last rib, and over the loin.

The rotund form of an animal, as has already been pointed out, may be due to the thick layer of muscle with which it is covered or to a trick deposit of fat, or a combination of both. The scrub animal and the dairy steer depend very largely for whatever roundness of form they may have upon fat. That is, their muscles are not thick enough and well-rounded enough to present a smooth, even type, except when very fat. The highly developed beef animal, on the other hand, if of the proper type, will carry a good form even though not highly fattened, because of his wealth of lean meat, but in any case there is considerable change in the form due to the deposition of fat.

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 Trumbly & Barrett, Ponca City, Okla.

**THE STRAY LIST**

Coffey Co.—Geo Throckmorton—Co. Clerk  
**HORSE**—One fleebitten grey horse, pony no brands or marks visible; taken up by O. W. Hussa of Hampton township, April 1, 1910. Valued at \$25.

County Clerk—W. H. Shaffer—Cherokee Co.  
**TAKEN UP**—1 bay mare about 12 yrs. old, 15 hands high, wt. about 1,000 lbs.; small white spot in forehead, branded M. in left front shoulder, scar on right front leg, scar on left hip, shod all round. Valued at \$40. Taken up by J. D. Bailey Apr. 19, 1910, of Crestline, Shawnee twp.

County Clerk—W. H. Shaffer—Cherokee Co.  
**TAKEN UP**—1 bay mare pony about 5 yrs. old, 14 hands high, large white spot in forehead, both hind feet white, branded A on left shoulder, shod all round, had head stall on. Taken up by J. D. Bailey, Apr. 19, 1910, of Crestline, Shawnee twp.

Johnson County—Jasper T. Kincaid, Clerk.  
**STEER**—1 steer, 1 year old, red, with bush of tall white, no brand, valued at \$20. Taken up May 13, 1910, by J. H. Crooks, of Oxford twp., Olathe, Kan.

Johnson County—Jasper T. Kincaid, Clerk.  
**HEIFER**—One heifer, 1 year old, red, bush of tall white, valued at \$15. Taken up May 13, 1910, by J. H. Crooks, of Oxford twp., Olathe, Kan.

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# DAIRY



The Ayrshire Cow.

During the past few years, since the Ayrshire Breeders' Association instituted official tests conducted by and under the supervision of the experiment stations, the Ayrshire cow has made rapid progress in popularity as the perfect dairy cow. This official testing has brought to the front a class of dairy Ayrshires noted for utility, and has more and more influenced the breeders in trying to eliminate any defects she might have, and bring to the front her remarkable qualities as a profitable dairy cow for every day service. One hopeful feature of the breed is that she has built herself up on all lines of dairy utility in dairy conformation and dairy lines of beauty, and the Ayrshire cow stands today unique among the dairy breeds, with no aristocracy of family distinction, but maintains her popularity from her individual and breed qualities in the opinion of C. M. Winslow, expressed in the Texas Stockman and Farmer.

While there are minor differences in her appearance under different breeders and in different countries, the Ayrshire is an Ayrshire wherever found, and shows the same strong breed characteristics of shapely udder, strong constitution and vigorous appetite, shows herself to be a great dairy cow under any and all conditions and carries the type of the breed in her every act. In Scotland, in Canada and in the states she has been bred not for family booms, or individual phenomenal excellence, but all along the line she has been pushed as a breed of uniformity dairy superiority. This is, I believe, greatly to her advantage and greatly to the advantage of all purchasers of Ayrshire cows, for the uniformity of her dairy excellence makes all buyers pleased with their purchases and maintains the general good name of the Ayrshire cow. In studying the results of the testing for advanced registry the two facts are strongly brought out that there is great uniformity in the breed in production at the pail, and while we cannot boast of any world beaters in one or two individual cows we rejoice in the fact that none are very poor, the general run being from good fair cows to very superior ones.

One very interesting feature shown by the Advanced Registry test is the quick response made to increased food and care given. Some of the herds in the test are fed on what would hardly be called a profitable ration, but these herds show a good dairy production, while the herds that are fed for high production show a remarkable adaptation to respond fully to the more liberal feed. The dairy product in all the herds seem to follow closely in the food and care bestowed, showing that the Ayrshire could readily conform herself to whatever conditions she had to encounter and would respond accordingly and always with the largest return possible for food consumed.

The result of the last home dairy test with nine herds of five cows each showed the average of the whole 45 cows to be 8,959 pounds of milk and 411 pounds of butter. The best five herds with 25 cows averaged 10,634 pounds of milk and 428 pounds of butter. One herd of five cows averaged 11,562 pounds of milk and 538 pounds of butter. The rounding up of the herds at the fairs last fall showed the effect of the labors of the association in the pushing to the front the dairy type of the breed, for at all the fairs both east and west so far as I saw them the general display seemed to be for utility, and no one could look over the lines of matrons in the ring without being impressed with the effort of the breeders to produce a dairy cow of great dairy ability.

Nearly all the cows shown in the leading fairs both east and west displayed great square udders with long teats, and the uniformity of cows displayed showed what was very gratifying to a lover of the Ayrshire cow, in the fact that all along the line from east to west, in Scotland, Canada and the states the breeders had the same type in mind and were all trying to breed the perfect cow, and that in that

perfection utility stood out prominently at the front. At the Iowa State Fair in the breed contest at the pail the Ayrshire won first and second for butter and milk. At the Maine State Fair the Ayrshire won first at the pail for dairy product over other breeds. At the Alaska-Yukon exposition, in the sweepstakes breeds, the Ayrshire herds won first and second for uniformity in breeding.

Every indication points to a gratifying future for Ayrshire cattle, and all that is needed is for breeders to strive to bring out the best always, and never forget to strive for perfection in the Ayrshire cow. The quickest, surest and most satisfactory way to improve the breed and bring it to the highest perfection is to use only strictly first class bulls from the best cows to be found, cows with great dairy capacity, shapely udders and long teats, and to this end all breeders of Ayrshires can do great work for the breed by killing all bull calves that are not from grand cows, with shapely udders and long teats. The breeders of Ayrshires are the ones on whom rests the future of the breed.

### Performance Class.

The last National Dairy Show introduced a new class into its premium list, which promises to become an important factor in the dairy cattle world. This was the class "Cows any age having official yearly records." There has been the feeling on the part of many that there are two classes of pure bred dairy cattle: those which win in the show ring, and which might or might not be profitable producers of milk or butter; and a class which are profitable producers but could not hope to win in the show ring because they lack fancy points which the up-to-date judge must require.

Much as this dual standard had been criticised by some and defended by others, there is a growing sentiment that the greatest good will come to the breeders who recognize both standards and seek to develop large producing animals having the desirable breed characteristics and attractive points.

While not satisfied that it had fully solved the problem, the management of the National Dairy Show made the start by including the new class in its premium list. State and county fairs are taking the matter up in the same way.

If you make butter on the farm and do not have ice you can still put up your pound packages in an attractive and saleable form by buying small crocks or jars which hold a pound each. When packed in this manner the butter is attractive and sells well.

The Holstein-Friesian Association is big and said to be wealthy. It is giving a lot of money in special prizes to be awarded at the several state fairs this fall. Kansas was formerly considered a good deal of a Holstein state and it is believed she has more animals of this breed now than ever before, and yet Kansas does not get into the Holstein money this year. This must be corrected another year.

Get a covey of quail into your orchard if possible and protect and care for them the year round. They are worth dollars to you and are ornamental as well.

### Legality of Wills.

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Billions upon billions of chicken lice lay dead and lifeless in hen houses this morning! It happens every morning. For people are fighting to the death these gruesome, filthy pests that worry, weaken and kill chickens and rob their owners of nearly half of their rightful poultry profits. You have either got to "get" the chicken lice or they will "get" your chickens!

Now, which will you yourself do—raise poor, skinny, tortured chickens and let lots of good money slip through your fingers, or—spend a few nickels right now and wipe these pestiferous chicken lice off the face of the earth? Declare war on them today! Decide now to exterminate them!

All you have to do is get Whittier's Red Label Lice Killer. It comes cheap at any drug store. A nickel's worth, ready for use, makes a whole gallon! You get it in 35c, 60c, or \$1.00 quantities. No trouble to apply, and it knocks every last louse. Of the billions of lice killed every night, nine-tenths are victims of Whittier's Red Label Lice Killer. It's the best Lice Killer. Dr. H. J. Whittier, Pres., Moore Chemical & Mfg. Co. 531 S. W. Blvd., Kansas City, Mo.

Whittier's Red Label Lice Killer is not only sure death to chicken pests, but it is an antiseptic and a preventive of roup, cholera and other deadly diseases. Painted on roosts and dropping boards, the fumes kill all vermin. So—don't let anybody talk you into using something else in place of Whittier's Red Label Lice Killer. You try this king of louse killers for yourself. A barrel of it wouldn't hurt your chickens, and if it doesn't kill the lice, you bring back the empty can and your dealer will hand your money back. You can't lose one penny, and you can kill those chicken lice.

Get Whittier's Red Label Lice Killer the next time you pass a drug store. A day's delay means tens of thousands of hungry young lice born. So get after them now!

Dr. Whittier's Free Book on Caring for Poultry and Doubling Profits can be had for the asking. What is your name—your address? We want to send you a copy.

When you want a good antiseptic dip for hogs, cattle, sheep, etc., ask your druggist or hardware dealer for Car-Sul. He sells lots of it every day.

# POULTRY



## Milo for Feeding Poultry.

Many poultrymen prefer milo to corn for feeding poultry. The seeds are of convenient size for feeding and the composition is nearly the same as that of corn.

Dry land farmers in eastern Colorado state that in an ordinary season they can raise a ton or more grain to the acre by planting carefully selected milo seed and giving it thorough cultivation. It is their surest feed grain crop.

The heads of milo may be snapped off when ripe and fed without threshing to all kinds of poultry. It gives the fowls good exercise to pick the grains off the heads.

Milo has a stem with a crook neck and some poultry growers place a wire or slat along one end of the poultry house and hang the milo heads on it by the natural crook. The heads are hung at such a height that the fowls have to use some effort to reach them.

When threshed milo is fed to poultry the small seeds should be scattered in a litter so that the birds will have to scratch for them.

Milo has the same effect as corn for a poultry feed—an excess of starch and a deficiency of protein. To balance the ration the dry land farmer feeding large quantities of milo should also feed wheat and some form of meat.

Milo is a constipating feed, and where it forms a considerable part of the winter ration of poultry, some succulent feed should be given, such as culled potatoes, stock melons, stock beets or green cured alfalfa hay.—H. M. Cottrell, Colorado Agricultural College.

along through April duck eggs were quoted on the market at 35 to 38 cents per dozen. For certain culinary purposes the duck egg is preferred, being richer than the hen's egg. More ducks ought to be raised in this western country. They are much less liable to disease than chickens and are rarely troubled with lice or mites. Besides they get a large part of their living by foraging for grass and insects in creeks and ponds and are therefore cheaper to raise than fowls.

Many people who are reasonably intelligent have a wrong impression about eggs when they find a rotten egg in a nest of eggs they have bought for hatching. They feel quite sure that the eggs were not fertile and complain about it. The fact that the eggs spoil is evidence that they were once fertile, and every rotten egg at the close of three weeks' incubation indicates a fertile egg. The infertile egg, on the contrary, at the end of the hatching period, shows but little signs of being stale, and is only aged by the process of incubation. It would not be very good to eat, since it has passed the eating stage, yet it would be as edible as an egg, exposed for the same length of time to the ordinary heat of a kitchen. Poultry raisers usually boil these infertile eggs and feed them to the young chicks.

There is no industry that can be started with less capital than the poultry business, and you don't need to wait three or four years for returns as you do with cattle. By paying twenty or thirty dollars for a pen of pure bred fowls, you can start in business right away, by selling eggs at from one dollar to three dollars per setting. Or if you want to go at it cheaper, you can buy a few settings of pure bred eggs this season and then by next season you can commence advertising pure bred eggs for sale.

Never cross pure breeds of fowls. It is right and proper to grade up the common stock by the use of pure bred males if you prefer, as such course is much better than no improvement at all, but when you have pure breeds keep them pure. Crossing destroys all the characteristics of the breeds. Cross two birds of non-setting breeds and the result will be females that will set. The object should rather be to select the best layers of the breeds in the endeavor to increase the average each year. The hens that have made good records were never produced by crossing. Keep a record of your fowls and aim to have something better from them every year.

While roup may not exist in the flock, yet hoarseness, rattling in the throat, partial blindness and so forth are common ailments. They are mostly due to colds, and are usually caused by exposure to drafts of air at night, either from a crack or crevice in the wall, from top ventilation, or from exposure during the day to high winds or damp weather. It is very annoying and affects the hens that are very fat more than others. As the nostrils are usually closed, the giving of liquid medicines sometimes results in strangulation. Keep the birds dry and warm, away from drafts of all kinds. Inject one or two drops of camphorated oil into each nostril, let the bird be quiet, as exercise seems to increase the difficulty, and give a pill, the size of a pea, three times a day, composed of equal parts by weight of quinine, bromide of potassium and red pepper. After doing so swab the throat with a solution made by dissolving a piece of blue vitriol as large as a bean, in a gill of warm water, using a soft rag tied on a stick. Feed on nourishing food such as chopped lean meat. The main point is to keep the bird dry and warm. If the breathing is very severe give two drops of spirits of turpentine on a bread crumb once a day. A teaspoonful of beaten raw egg is also excellent.

## Do Not Sell Poor Eggs.

Few people realize that \$1,000,000 was lost by the Kansas farmers in 1909, caused by the poor quality of eggs which they sold upon the market. But such is a fact, and it has not placed Kansas in a very enviable position among the egg-producing states.

This immense loss is due to the fact that stale, dirty, stained, washed, small, cracked or rotten eggs, are often marketed with the fresh ones. Poor eggs compel the buyers to quote lower prices in order to overcome this loss, and the producer pays the bill.

Eighty egg buyers in this state have agreed to pay 2 cents above the market prize for good-sized and absolutely fresh eggs, provided they are marketed in large enough quantities to make it worth while. Last year every case marketed had nearly an average loss of two dozen bad eggs. In order to meet this loss the buyers quoted prices lower than would have been necessary provided all of the eggs had been first class. The loss was by the farmer and not by the buyer.

The time of year is now here when incubator eggs, discarded setting eggs, eggs from stolen nests, stale, small or dirty eggs, and in fact anything which has a shell around it, will be sold by the farmer as fresh eggs. The egg quotations are lowered to meet this annual loss. Concentrated effort on the part of the producer will overcome this and if he is insistent and hunts the right market, the buyers will pay better prices for better produce. Farmers should be careful what they market and should sell only to those who will pay according to quality.

The Kansas State Agricultural College, at Manhattan, Kan., has published a bulletin, No. 162, on "The Marketing of Eggs," which any Kansan can obtain for the asking. The value of the eggs produced on the farm is great enough to warrant care and judgment in marketing.—A. G. Phillips, Poultry Husbandman.

Baltimore leads all other markets for duck eggs. In the territory tributary to that market are located hundreds of duck farms, where not only great numbers of ducks are raised for the poultry trade, but an immense number of eggs are marketed. All



## Clean Up and Disinfect

everything about the barn, hog pen, cow stable, chicken yard, sinks, drains, cellar, cess-pools, etc., with a solution of

# Dr. Hess Dip and Disinfectant

One gallon Dip makes 70 to 100 gallons of solution. The greatest preventive of disease known. Kills lice, mites, sheep ticks, fleas. Cures sheep scab, mange eczema and other parasitic skin diseases of horses, cattle, sheep, hogs, dogs and poultry. Also heals cuts, burns and infectious sores.

If your dealer cannot supply you, we will. Write for circular.

DR. HESS & CLARK  
Ashland, Ohio.

## OLD TRUSTY

300,000 men, women and children, beginners and old timers, are now making big money with the Old Trusty INCUBATOR. Let me tell you about my 30- or 60-day free trial and 10-year guarantee offer. Write me a postal now.

M. M. Johnson, Clay Center, Neb.  
**BOOK FREE**

### THE SUPERIOR.

If you will send us your address we will send you a book that will tell you all about a self regulating, self ventilating incubator and a brooder that will actually raise your chickens to satisfy yourself. Lice and mite proof, indoor or outdoor. It hovers the chicks like the old hen exactly. This little book also contains valuable information about the poultry business.

HOOP & BOSTELMAN, Superior, Nebraska.

## WHITE PLYMOUTH ROCKS

(EXCLUSIVELY.)

For 18 years I have bred White Rocks, the best of all purpose fowls, and have some fine specimens of the breed. I sell eggs at a reasonable price. \$2.00 per 15, or \$5.00 per 45, and I prepay expressage to any point in the United States.

THOMAS OWEN, Station B, Topeka, Kansas.

**BROODER**

WITH THE **SURE HATCH**

BONDED INCUBATOR

During this month we will send a brooder for actual half price to every person ordering a Sure Hatch Bonded Incubator. This is the only incubator guaranteed and backed by a \$1,000,000 surety bond of the Bankers Surety Co., Cleveland, Ohio. We pay the freight.

**SURE HATCH INCUBATOR CO.**  
Box 49 FREMONT, NEB.

## PURE BRED POULTRY

**SHELLEY BROS. BARRED ROCKS.**  
Won 64 premiums at State and Central Kansas Shows, and State Fair. Eggs and breeders half price in June. Satisfaction guaranteed. Circular Free.

Elmdale, Kansas. BOX 7.

**BARRED PLYMOUTH ROCKS.**  
Bred for beauty and profit. \$3 regular premiums. Eggs 15, \$2.50; 30, \$4.50; 60 \$8.00; 15, \$1.00; 60, \$3.25; 100, \$5.00.

MRS. D. M. GILLESPIE, Clay Center, Kansas.

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

C. H. McALLISTER, Carmen, Oklahoma.

**THE EGG SEASON IS ON.**  
We are shipping every day from all the leading varieties of poultry, large flocks on free range; orders filled promptly. My own special egg crate used. Price \$6.00 per 100. M. B. turkey eggs \$2.25 per 9. Write for circular. Address

WALTER HOGUE, Fairfield, Neb.

**BUFF ORPINGTONS.**  
50 fine cockerels from prize winning stock. My book tells why they are such wonderful breeders; why my hens are such great layers; sent for 10 cents.

W. H. MAXWELL, R. 95, Topeka, Kansas.

**BARRED ROCKS.**  
High class show and utility stock. Pen eggs, \$3 per 15; \$5 per 30; utility \$4 per 100. Send for circular. No stock for sale.

C. C. LINDAMOOD, Walton, Harvey County, Kansas.

S. C. B. Leghorn eggs \$4.00 per hundred; \$1.00 per setting of 15.

H. N. HOLDEMAN, Meade, Kansas.

**BUFF COCHIN EGGS.**  
From high scoring birds, 15, \$1.50; 50, \$4.00.

MRS. L. O. HOUSEL, Smith Center, Kansas.

**WHITE WYANDOTTE EGGS**  
For sale from six grand yards, scoring from 93 to 98 points. Send for catalog and prices.

E. E. BOWERS, Bradshaw, Nebraska.



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**WANTED—ECONOMICAL AND PARTICULAR** people to take advantage of our prices and services. Western Printing Co., Ptg. Dept. of Kansas Farmer, Topeka, Kansas.

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

**WANTED—GOOD, RELIABLE MEN TO SELL** nursery stock. We have a splendid proposition to offer. Write today. James Trullitt & Sons, Nurserymen, Chanute, Kan.

**WANTED—LADY OR GENTLEMAN AS** local representative in every Kansas county. Splendid chance to make good wages with-out great effort and no expense. Write for particulars. Address Circulation Department, Kansas Farmer, Topeka, Kan.

**AGENTS WANTED TO SELL OUR COMBINATION** night lock. Two or more needed in every home. Sells at sight. 100 per cent profit to agents. Exclusive territory. Agents' sample, 25 cents. The Western Night Lock Co., 1628 Stout St., Denver, Colo.

**WANTED—MEN TO LEARN THE BARBER** trade; few weeks complete; practical instruction by experienced barbers who know their business and teach it as they know it; extra large outfit of tools given with reduced tuition price; wages while learning; diplomas granted; write for free catalog handsomely illustrated. Schwarze System of Barber Colleges, 30 W. California Ave., Oklahoma City, Okla.; Wichita, Kan.; El Paso, Texas; 15 E. 2nd St., Amarillo, Texas. Address any school.

**REAL ESTATE.**

**BUY OR TRADE WITH US, SEND FOR** list. Berste Real Estate Agency, Eldorado, Kan.

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

**WRITE FOR LIST OF WHEAT, CORN** and alfalfa lands in Rush county, in the center of the wheat belt. H. P. Scheneman, La Crosse, Kansas.

**KAY COUNTY, OKLAHOMA—CORN,** wheat, oats and alfalfa farms. Call on or address Hull, Cullen & Van Winkle, Ponca City, Okla.

**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.

**BUSINESS CARDS, 500 FOR \$1.50—**From prompt service. Send for samples and estimates. Western Printing Co., Ptg. Dept. of Kansas Farmer, Topeka, Kan.

**FOR FREE INFORMATION ABOUT LA-**beite Co., Kansas farm lands and Parsons real estate, one of the best towns in Kansas, write W. C. King, Parsons, Kan.

**FOR SALE AT A BARGAIN—320 ACRE** farm only a mile from Abilene; good, rich land, well improved, fine location; will sell on favorable terms. Box 148, Independence, Iowa.

**FINE LAFAYETTE COUNTY, MIS-**souri, farm. 782 acres, 30 miles east of Kansas City. Best land in state for corn, wheat, clover, blue-grass, etc. Will take part trade. Investment Exchange Co., Higginsville, Mo.

**FOR SALE—120 ACRES, 6 MILES FORT** Scott; fair improvements, smooth land, \$5,000. 250 acres, 1 mile town; good improvements, bottom land; no overflow. \$60 per acre. Many others. Geo. N. Balmum, Fort Scott, Kansas.

**160 ACRES LEVEL LAND, CROOK CO.,** Wyo., grows splendid oats, wheat, timothy, alfalfa and potatoes; 12 miles from Bear Lodge gold mines; some improvements. For terms write owner, M. D. Powell, Hardy, Neb.

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**LEASE FOR FIVE YEARS—CHOICE** stock and dairy farm in McPherson Co., to highest responsible bidder on June 8. For particulars address J. S. Hoover, Manhattan, Kan.

**FOR SALE—17 1/2 ACRES JOINING MT.** Vernon on east, all in grass except 1 acre in garden; well and wet weather spring on place. Just what you want for a small dairy farm. Price \$1,500. J. W. Case, Mount Vernon, Mo.

**CENTRAL MISSOURI FARMS—FOR** corn, wheat, clover, blue grass farms that will prove profitable and satisfactory as homes and investments. Write for new list. Farms described and priced. Hamilton Realty Co., Box 1, Fulton, Missouri.

**FOR BARGAINS IN CORN, WHEAT** and alfalfa land in the Marias Des Cygne Valley, also good grass land near market, reasonable prices. Write Richard Griffith, Reading, Kan.

**260 A. OF SMOOTH, TILLABLE LAND,** 2 miles from town, large 6 room house, cement walks, barn 32x46, stanchion for 10 cows, cement floors, 2 wells, windmills, 25 a. alfalfa, 10 a. hog light, 100 a. grass. Not an acre of waste, in fine neighborhood; is worth \$75 an a. Can sell for a short time for \$60. Owner is old and in poor health. J. W. Bradshaw, Herington, Kan.

**POULTRY.**

**BUFF ORPINGTON EGGS 15, 75 CENTS;** 100, \$4.00. Ellen Shesborow, Fredonia, Kan.

**WHITE WYANDOTTE EGGS—MODEL** Poultry Yards, Hanover, Kan.

**TWO RUFF ORPINGTON COCKERELS,** \$2.00 each. Harry Cure, Atchison, Kan.

**SINGLE COMB BROWN LEGHORNS, 30** eggs, \$2 express prepaid. Nellie Cahow, Greenfield, Iowa.

**BLACK LANGSHANS—EGGS \$1.50 PER** 15; \$7 per 100. Baby chicks, 15c each. Mrs. Geo. W. King, Solomon, Kan.

**BUFF COCHINS—EGGS, \$1.50 FOR 15.** W. T. Garner & Sons, Maple Lawn Stock Farm, Crossville, Ill.

**SLIGHTLY USED INCUBATORS AT A** bargain. Will exchange for Leghorn stock or eggs. A. Koenig, Hanover, Kan.

**EGGS FROM A FINE LAYING STRAIN** of Rose Comb Brown Leghorns. Mrs. J. E. Wright, Wilmore, Kan.

**WHITE PLYMOUTH ROCKS, FARM** raised. Eggs, \$1.00 per 15. Safe arrival guaranteed. A. F. Huse, Manhattan, Kan.

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**SINGLE COMB BROWN LEGHORN** hens from best laying and show strains in the United States \$1 each. Eggs, 26 for \$1, \$3.50 per 100. Col. Warren Russell, Odessa Farm, Winfield, Kan.

**HILLCREST FRUIT & POULTRY FARM**—Barred Rock eggs from prize winning stock, \$1 for 15; \$5 per 100. Route 4. Phone Ind. 2180—Ring 1, North Topeka, Kan.

**FULL BLOOD HOUDANS, GREATEST** layers known. Hatch and do well during summer months. Eggs \$1.25 per 15. S. P. Green, Mankato, Kan.

**EGGS! CHICKS!—SPECIAL SALE PRICE** this season. Single Comb Brown Leghorns, Barred Rocks, Rose Comb Reds. M. A. Tomlinson, Eureka, Kan.

**PURE S. COMB BROWN LEGHORNS—**Eggs from prize-winning stock. Eggs safely packed 30 for \$1.50; \$4.00 per 100. A. G. Dorr, Osage City, Kan.

**100 BARRED ROCK CKLS AND FE-**males, prize-winning strain, \$5 premium, 30 yrs. experience. Eggs, \$2 per 15; \$5 per 50. Chris Bearman, Ottawa, Kan.

**SILVER WYANDOTTES—PRIZE WIN-**ning strain, Kansas and Kentucky's best. Open range. Eggs: 15, \$2. Mary Gordon, Baker, Kan.

**NEOSHO POULTRY YARDS—ROSE** Comb R. L. Reds, this year's breeders, for sale. We can sell cheaper now than any other time. J. W. Swartz, Americus, Kan.

**FINE BARRED ROCKS—GOOD LAY-**ers, farm range, eggs, \$1.00 for 15 or \$1.75 for 30, or \$5.00 per 100. Mrs. John Yowell, McPherson, Kan.

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

**CORNISH INDIAN GAME, STOCK FROM** imported birds last year. Eggs, \$1.50 per setting of 15 or \$6.00 per 100. Mrs. J. H. Drury, Fullerton, Neb.

**PRIZE WINNING WHITE ROCK EGGS,** \$1.00 per 15; \$5.00 per 100. Pekin Duck eggs, \$1.00 per 15. L. T. Spellman, Paola, Kan., Route 8.

**NINE YEARS A BREEDER OF R. C. R.** I. Reds, 15 range eggs. \$1.00; 100, \$5.00; choice pen eggs from high scoring stock, \$2.00 per 15; \$5.00 per 50. Mrs. B. F. Weigle, Winfield, Kan.

**GALVA POULTRY YARDS—R. C. W.** Leghorns and White Wyandottes. Some stock for sale and eggs by the setting or hundred. Prices reasonable. John Ditch, Prop., Galva, Kan.

**ELEVEN YEARS BREEDER AND SHIP-**per of Single Comb White Leghorns. I guarantee safe arrival of eggs. 17, \$1.00; 50, \$2.50; 100, \$4.00. Your success is mine. C. O. Kelley, Dunlap, Kan.

**S. C. BUFF ORPINGTONS—FIVE PENS;** large, vigorous, tremendous layers. Eggs, 15, \$1; 100, \$5. R. C. Leonard, Oxford, Kansas.

**EGGS FROM WHITE ROCKS MATED** with snow white, White Ivory strain cockerels, sired by White Ivory 2nd, winner of 3 sweepstakes silver cups, score 96 1/2. After May 15, \$1.15; \$5, 100. Mrs. Harry Webster, Yates Center, Kan.

**EGGS! EGGS!—FROM 18 VARIETIES** thoroughbred poultry, geese, turkeys, Pekin, Rouen, Muscovy and Indian Runner ducks, pearl and white guineas, bantams, dogs, all kinds of fancy pigeons. Hen's eggs, 15 for \$1.00. Write for free circular. D. L. Bruen, Platte Center, Neb.

**CATTLE.**

**FOR SALE—4 RED SHORTHORN** bulls, from 13 to 23 months old, eligible for record. J. Thorne, Kinsley, Kan.

**FOR SALE—ONE DOUBLE STANDARD** Polled Durham bull. Registered and well bred. Age 3 years. C. M. Albright, Overbrook, Kan.

**RENO HERD SHORTHORNS—WE ARE** now offering a few good cows and heifers bred to either Victor Archer 254156 or Forest Knight 226084. Write or see them. Stewart & Downs, Hutchinson, Kan.

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**SHETLAND PONIES—WRITE FOR** price list. Charles Clemmons, Waldo, Kan.

**FOR SALE—SPAN OF REGISTERED** French Coach mares, 3 and 4 years old. They're dandies, 16 1/2 hands high, and stylish. We'll sell one if preferred. A. E. Saxey, R. F. D. No. 1, Tulsa, Okla.

**Dogs.**

**FOR SALE CHEAP—SEVERAL CHOICE** bred Collie bitches, best of breeding, most all proven brood matrons, best of heads, ears, coats, and sound. Will exchange for Shetland pony. Sam B. Cumming, Tecumseh, Neb.

**SEEDS AND PLANTS.**

**ALFALFA SEED, TEN DOLLARS. J. H.** Glenn, Wallace, Kan.

**ALFALFA SEED NINE AND TEN DOL-**lars per bu., sample sent on request. Rush & Cox, Sharon Springs, Kan.

**PLANTS—CABBAGE, ALL VARIETIES,** 25c per 100, \$2.50 per thousand; tomato, Dwarf Champion, Kansas Standard, Free Beauty, Stone, Matchless, Acme and Trophy, 80c per 100; \$2.50 per thousand; Sweet Potato—Yellow Jersey and Yellow Nansmond \$2 1/2c per 100; \$1.75 per 1,000. 6 other varieties, 25c per 100; \$2.50 per 1,000. F. P. Rude & Son, Both phones, North Topeka, Kan.

**MISCELLANEOUS.**

**INTERNATIONAL AUTO BUGGY FOR** sale. A. Koenig, Hanover, Kan.

**FOR SALE—NEW HAY TEDDER,** never used; splendid tool for clover. Price reasonable if taken soon. H. W. McAfee, Route 3, Topeka, Kan.

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**PATENTS PROCURED AND POSI-**tively sold if the idea has merit; all countries; best service; book free; send sketch. H. Sanders, 115 Dearborn St., Chicago, Ill.

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I have 8 good young Red Polled Bulls and some heifers. Prices low. OTTO YOUNG, Utica, Kansas. Ness Co.

AULD RED POLLS.

Herd established 7 years. Choice breeding and individuality. Three young bulls for sale. AULD BROS., Frankfort, Kansas.

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Son of the \$1,500 Grand Victor X1685 15084 heads my herd of Double Standard Polled Durhams. A few extra good, blocky, thick-fleshed young bulls for sale. Inspection invited. Farm adjoins town. D. C. VAN NICE, Richland, Kan.

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80 Angus Bulls

OF SERVICEABLE AGE Herd headers and Range bulls. Many of them by Champion Itos. SUTTON FARMS, Lawrence, Kan. 500 HEAD IN HERD.

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YOUNG HEREFORD BULLS. A choice lot ranging in age from 12 to 26 months, sired by Mystic Baron; all good ones, in fine shape. Among them are some choice herd headers. Prices right. Visitors welcome. Write your wants. S. W. TILLEY, Irving, Kan.

SHORTHORN CATTLE

SHORTHORNS. If you need a young bull or some females write us; prices right. SHAW BROS., Phillips Co., Glade, Kan.

SCOTCH SHORTHORNS. 7 young bulls from 10 to 15 months old. Scotch and Scotch topped; one pure Scotch bull by Blythe Conqueror. A few choice heifers for sale. C. H. WHITE, Burlington, Kan.

TENNEHOLM SHORTHORNS. Have on hand a few young red bulls ready for service that are out of splendid milking dams and have good beef form. No better breeding could be wished. Can spare a few females. Prices moderate. E. S. MYERS, Chanute, Kan.

A CARLOAD SHORTHORN COWS

All are bred or have calf at side, 4 good young bulls that I am sure will suit. Everything nicely bred and in good condition. Moderate prices. Come and see us. D. H. FORBES & SONS, R. F. D. 8, Bell, Phone 31.

Center Grove Stock Farm

Scotch Shorthorn cattle and 20 bred sows and a few good spring boars of large type Poland China hogs. Write me what you want. No trouble to answer letters. Bell Phone.

J. W. Pelphrey & Son, R. 6, Chanute, Kan.

SCOTCH HERD BULL FOR SALE.

The Cruikshank Clipper bull, Scottish Archer 28319, sired by Victor Archer 22810 and out of Imp. Noamis Ruth 2nd. An extra good individual and sire but cannot be used in herd longer to advantage, and will be priced reasonable. S. B. AMCOATS, Clay Center, Kansas.

Humboldt National Stock Farm.

Shorthorn cattle, large type Poland China hogs, 10 spring boars, priced right. Write me your wants. I meet parties at trains. We can do business. Come and see me. H. F. Pelphrey & Son, Humboldt, Kan.

JERSEY CATTLE

LINSCOTT JERSEYS

Offers a few choice cows in milk and some bred heifers. Milk and butter records accurately kept. R. J. LINSCOTT, Holton, Kansas.

HOLSTEIN CATTLE

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

HOLSTEIN CATTLE

SUNFLOWER HERD HOLSTEIN-FRIESIANS.

Offers eight sons of King Walker 40358 whose dam and grandam have A. R. O. record of over 30 lbs butter in 7 days each. Dams of this lot of bulls have A. R. O. records as follows—27.89 lbs. at 4 years; 26.12 lbs. at 4 years; 25.19 lbs. at 4 years; 23.56 lbs. at 3 years; 21.85 lbs. at 3 years; 18.98 lbs. at 3 years; 18.28 lbs. at 4 years; 17.27 lbs. at 4 years, and correspondingly high milk and butter records for 30 days. They range from 15 months to 20 months in age. Every one an extra good individual and in fine condition. Tuberculin tested. They are by far the choicest lot of bulls ever offered west of the Mississippi river. Don't buy the cheap kind if you would expect the best results. Write for descriptions and prices. F. J. Searle Prop., Oskaloosa, Kan.

REGISTERED Holsteins - Friesians

At auction, 100 head, 50 cows and heifers, in milk or soon fresh. 25 heifers and heifer calves to 3 years old. Every animal is tuberculin tested. Positively the greatest one day sale of dairy cattle ever held in this territory. Sale will be held at South Omaha, Neb., Tuesday, June 28. Sale commences promptly at 10 o'clock a. m. Catalogs ready about June 15 and will be sent to all that apply. Watch later issues of this paper for full particulars. ROCK BROOK FARM, Henry C. Glessman, Prop., Omaha, Sta. B, Nebraska.

DUROC JERSEYS

DUROC HERD BOAR FOR SALE.

Skadden's Wonder 74645 the best living son of Nebraska Wonder. An excellent breeder and individual. Out of litter of 13. Just in his prime. Will price to sell. A. B. SKADDEN, Frankfort, Kansas.

DUROC JERSEYS

QUICK SALE

W. C. WHITNEY,

CROW'S DUROC JERSEYS. Herd headed by Climax Wonder, he by Missouri Wonder. 100 head to select from. Prices reasonable. The electric car runs within three blocks of my farm. Come and see my herd at any time. W. R. Crow, Hutchinson, Kan.

25 - Duroc Jersey Gilts - 25

Spring yearlings bred for last of April and May farrow, large and smooth. The best of breeding priced at \$40 and \$50. Write today, these bargains won't last. MARSHALL BROS., Burden (Cowley County), Kan.

"DUROCS GROWN IN THE OZARKS."

Ohio Chief and Col. blood. Litters by Munio Chief, Model Prince, King of Modis, Inventor, The King I Am, Advance; several by Col. Carter, my leading bred boar. They are all grown right, are good and we answer all letters of inquiry. C. L. CARTER, Albany, Mo.

I HAVE A GOOD bunch of spring pigs of both sexes; up-to-date breeding with plenty of quality. Write me your wants and I will treat you right. E. M. MYER, Burr Oak, Kansas.

POLAND CHINAS

BRED GILTS

Sired by First Choice, he by Grand Chief. Gilts bred to Little Bear, a grandson of On and On. Those offered for sale are the tops of a large bunch. The gilts and the price will please you. Write right now to Young & Kimmeling, Glasco, Kan.

HIGHVIEW BREEDING FARM

Devoted to the raising of

BIG BONED SPOTTED POLANDS

The Farmers Kind. The Prolific Kind. I am now booking orders for spring pigs to be shipped when weaned. Pairs or trios; no kin. H. L. FAULKNER, Box K, Jamesport, Mo.

SUNSHINE HERD—Poland Chinas. Bred gilts and yearling boars. Prices reasonable, quality considered. Satisfaction guaranteed. A. I. ALBRIGHT, Pomona, Kansas.

200—LARGE TYPE POLANDS—200

Herd headed by Big Hadley, John 2d and John Ex. oung stock for sale at all times. A few choice Hadley boars. CHAS. Z. BAKER, Butler, Mo.

HARTER'S BIG KIND POLAND CHINAS

Headed by Mogul's Monarch 45853 and Capt. Hutch 39068. Over 100 choice pigs to select from. Visitors made welcome. Also Barred Rocks. J. H. HARTE, Westmoreland, Kansas.

BIG TYPE POLAND BOARS

7 Poland China boars September farrow. The tops of our fall crop. Extra good ones. Sired by Grandson of the prize winner Price We Know. Out of big dams of Big Hadley and Major Blain breeding. Will price reasonable. R. J. PECKHAM, Pawnee City, Neb.

BLMDALE POLAND CHINAS

For sale at reasonable prices. Four choice boars of August farrow. Spring pigs for \$12.50 each. Our aim—quality, size and good breeding. C. S. MOYER, Nortonville, Kansas.

POLAND CHINAS WITH SIZE.

Headed by Pawnee Look. I have bred pure bred Poland for 20 years and have learned many valuable lessons and in the future shall breed nothing but the big smooth kind. More hog and less hot air. F. F. Oerly, Oregon, Mo.

WALTER'S BIG SMOOTH POLAND CHINAS.

Expansive, one of the best livings sons of Expansion, heads herd. Daughter of Grand Look bred for July farrow to Expansive for sale. H. B. WALTER, Eflingham, Kansas.

MEISNER'S BIG POLAND CHINAS.

Headed by Metal Choice, sows are daughters of such sires as Nebraska Jumbo, Pawnee Chief, Big Hadley, etc. 50 fine spring pigs to date and more sows to farrow. Inspection invited. T. J. MEISNER, Gebetha, Kansas.

POLAND CHINAS FOR SALE.

10 January boars, \$15 each. 15 January gilts, \$15 each. 17 yearling gilts bred for August and September farrow, \$30 each. Good breeding and individuality. F. D. YOUNG, Winchester, Kansas.

STRYKER BROS.' HERD POLAND CHINAS.

The greatest show and breeding herd in the West. Write your wants and they will please you. Hogs any age at reasonable prices. Buy the best and make the most. They breed the kind that win the kind you want. Address Stryker Bros., Fredonia, Kan.

DUROC JERSEYS

Fall boars of best of breeding and quality at bargain prices for quick sale, also a few bred sows for June farrow of the best of breeding and bred to good boars. Write at once. AGRA, KANSAS

HANLEY STRAIN OF DUROCS.

Write for Prices. Paul B. Johnson, Leavenworth, Kan.

BRED SOWS, AUGUST FARROW. Duroc sows and gilts sired by Bell's Chief 4th and bred to richly bred boars. Will sell and ship when safe. FRANK VETISKA, Pawnee City, Neb.

20 - BRED GILTS - 20

Daughters of King of Cola. II and G. C.'s Col. These are very choice gilts priced to sell. Also a few choice boars of summer farrow. FRANK ELDER, Green, Kansas.

DUROC SOWS and GILTS

30 fall gilts by G. C.'s Kansas Col., and 15 yearling and matured sows, all by noted boars. Will sell and hold until safe for fall litter. Also 19 fall boars, tops of our fall crop. CHAPIN & NORDSTROM, Green, Clay Co., Kan.

POLAND CHINAS

BIG STRONG SEPT. BOARS.

Sired by Guy's Monarch, the boar with frame for 1,000 lbs. and a 10 1/2-inch bone. Out of dam by the noted boar First Quality. Low prices for quick sale, must make room for spring pigs. H. C. GRANER, Lancaster, Kansas.

30 BRED POLAND CHINA GILTS for sale. Spring and summer farrow, bred for April and May litters, choicest blood line, also five mature sows and boars ready for service, one by Meddler. Reasonable prices. F. D. FULKERSON, Brimson, Mo.

MELBOURNE POLAND CHINA HERD

the home of the great boar Gold Metal. 90 good pigs will make prices after July 1. Sows are daughters of Prince Youtell, Chief Gold Dust, etc. Visitors welcome. JOHN C. HALDERMAN, Burchard, Nebraska.

20—BIG STRONG BOARS—20

The tops of 50 head ready for service. Want to make room for spring pigs and am making low prices. Strictly big type. HERAM GRONNIGER & SONS, Bendena, Kansas.

SHORTHORNS AND POLANDS.

Herd bull Accomb Duke 7th 291036. Poland headed by Big Done Long. Females represent leading strain. Young stock for sale. FREELAND & WILLIAMS, Valley Falls, Kansas.

FOR SALE

I STILL HAVE a few good fall boars for sale at very reasonable prices; will also offer my 2-year-old herd boar, O. K. Chief. He is a good individual of the 800-lb. type, heavy bone, a good even breeder. E. J. PECKHAM, Pawnee City, Nebraska.

BERKSHIRES

RIDGEVIEW BERKSHIRES.

2 herd boars for sale. 1 two-year-old by Forest King, other males of different ages. Sows and gilts open. Manwaring Bros., Lawrence, Kan.

OHIO IMPROVED CHESTERS

MOSSE OF KANSAS

Breeder of O. I. C. swine. ARTHUR MOSSE, Leavenworth, R. F. D. 5, Kansas.

MISSOURI VALLEY HERD.

Pure bred Ohio Improved Chester White swine. Few Sept. gilts for sale either bred or open. Booking orders for early spring pigs. Satisfaction guaranteed. J. M. DRYDEN, Phelps City, Mo.

MAPLE LEAF O. I. C.'s.

Strictly up to date Imp. Chester Whites, of the best breeding and individuality. A few choice fall gilts and a fine lot of spring pigs to offer. Priced reasonable. R. W. Gage, R. D. 5, Garnett, Kan.

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The right land, at the right price, in the right place, from the right man. Write right now to **H. D. HUGHES, McDONALD, KAN.**

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If you want to know how and where to buy advertising space in a big farm paper and a daily paper covering the richest agricultural sections of the United States for less than a half cent a line per thousand circulation, write **ROY O. HOUSEL, Topeka, Kan.**

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## Homeseekers

Send for a copy of the Southwestern 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, Kansas.**

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35,000 acres in McMullen Co., Texas, all good, level land, black, sandy loam; price \$10.00 per acre.

73,000 acres in southwestern Texas, \$1.35 per acre.

200 acres near Marquette, McPherson Co., Kansas. Well improved. Price \$10,000.

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Lands in Trego County, Kansas, where prices are advancing rapidly. Best opportunities in Kansas for homeseeker and investor. Write for our list, mailed free and postpaid. Live agents wanted.

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## OTTAWA COUNTY BARGAINS

160 acres, 3 miles town, 110 cultivation, balance pasture, 4-room house, barn, 65 acres wheat, all goes with possession, \$6,500. Easy terms. New list free.

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## GOOD FARM.

44 acres adjoining town, highly improved, 6 acres alfalfa, 5 miles fence, nicely woven wire. Further particulars write **J. C. ELVIN, Harper, Kansas.**

## LANE COUNTY, KANSAS

Offers bargains in wheat and alfalfa ranches at \$10 to \$20 per acre. Write for my price list and investigate at once.

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Banner Wheat and Corn County of the State. Write for Selected List.

**BROWN REAL ESTATE CO., KINGMAN, KANSAS.**

## A SNAP.

794 a. fenced, 400 a. cultivated, 200 a. more fine land, balance pasture, 7 a. alfalfa, hog tight. Orchard and other trees. Fine 7 room house with bath, large barn, granary, hen house, cattle sheds, blacksmith shop, etc., water service complete. Rural route and phone line, 8 miles to county seat, \$35 per acre; 1-3 cash; balance time. 100 other bargains in Ellis and Trego counties. **D. W. Nickles, Hays, Kan.**

## A GOOD RANCH

In Chautauqua Co., Kan., 2040 acres, good improvements, good grass, plenty of living water, only two miles from railroad station. Will sell at a bargain or take some trade.

**LONG BROTHERS, Fredonia, Kansas.**

## Land Bargains

I HAVE 14 of the best quarter sections of land for sale within 4 miles from Minneola, some of them improved, and some all sown to wheat, that I can sell for from \$35 to \$40 per acre; will give terms to suit. Will be pleased to hear from you at any time. **EUGENE WILLIAMS, Minneola, Kan.**

## GREATEST SNAP OF THE SEASON

An excellent 160 acre farm, about 7 miles northeast of Fredonia, good frame and stone house, 6 rooms, 2 cellars, frame barn, well fenced with hedge wire, 80 acres hog tight. Divided into 5 different fields; good orchard of 15 acres with all kinds of fruit; good cistern, 3 wells and 1 spring house. Land has been cultivated except 35 acres in pasture. Four acres alfalfa, 12 acres clover. This is an excellent home, good land and nicely located. For sale for a short time at \$35 per acre. Cash, no trade. Address **C. R. CANTRALL, Fredonia, Kansas.**

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

## FREE LIST.

Dickinson County corn, wheat and alfalfa farms. Write today. **Baumgarth & LaPort, Abilene, Kan.**

**PHILLIPS COUNTY** corn, wheat and alfalfa lands, \$40.00 to \$30.00 per acre. Prices rapidly advancing. Write or see **L. E. COUNTRYMAN, Phillipsburg, Kan.**

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

**CHOICE KANSAS FARMS** in Smoky Valley, Saline and McPherson counties, where you can raise alfalfa, corn and wheat with profit. Write for information and list. **David Bachman, Lindsborg, Kan.**

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

## BARGAINS IN LAND.

A well improved 10,000 a. ranch in Sherman Co., \$10 per a., easy terms, also other smaller ranches and 100 scattering quarters and half sections from \$9 to \$12 per a. **M. ROBINSON, the Land Man, Goodland, Kansas.**

## LIVE AGENT WANTED.

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

## CORN, WHEAT AND ALFALFA LANDS.

In Cloud, Washington and Republic counties, where all staples produce bountiful crops and prices are advancing rapidly. Best section in Kansas for a home or investment. Write for a free list. **Nelson Land Co., Clyde, Kan.**

## DICKINSON COUNTY FARMS.

Good water, good climate, corn, alfalfa and wheat produce mammoth crops. We sell these lands at prices that will produce big interest on the investment. Write us for full information. **Murphy & Fenton, Abilene, Kan.**

## SHARON COUNTY ALFALFA LANDS.

Choice corn and alfalfa farms for sale in Barber county, Kansas. Crop failure unknown. Write for particulars and list. Address **WILLIAM PALMER, Medicine Lodge, Kansas.**

## HARPER COUNTY.

Home of corn, alfalfa and wheat. Lands \$25 to \$75 per acre that would be cheap at twice the money. Values advancing rapidly. Now is the time to buy. Description and full information free. **HEACOCK REALTY CO., Anthony, Kansas.**

## NEMAH COUNTY, KAN., BARGAIN.

100 a. farm lying 7 miles S. W. Corning, 90 a. corn land, 8 a. prairie meadow, 2 a. fine orchard. Land not rough stony, nor ditchy. Good 5-roomed house, barn and other outbuildings, extra good water, 1 mile to school. R. F. D. and phone line. Can be bought on March 1, settlement 1911 at \$60 per a. Good terms. Other propositions. **C. E. Tinklin, Corning, Kan.**

## FINE TOWN PROPERTY CHEAP—12

blocks in the city of Coldwater, two story frame house of 9 rooms, pantry, refrigerator room, four closets, cellar and storm cave, connected with the house, coal house, chicken house, granary, barn and buggy shed, hundred barrel cistern, well, windmill and tank, fruits of all kinds. Price \$4500. Call on or address **P. H. Thornton, Coldwater, Kan.**

## MONTHLY INCOME FOR LAND.

New business block, fire proof, all modern, three stories, built to stand forever. Clear of incumbrance, commands annual rental of 8 per cent on \$22,000. Leased to responsible tenants for term of years. To exchange for land or farm clear, near R. R. town. Address with full description, **Box 244, Larned, Kan.**

## 240 ACRES OF LAND

Three miles north of Selden, on Prairie Dog creek, about 70 acres good alfalfa land, 160 acres broke, small house and other improvements, some timber. Price for the next 30 days, \$4,000. Good terms. Other farms. Write for literature. **GEO. P. LEWIS & CO., Selden, Sheridan Co., Kansas.**

## TREGO COUNTY LANDS.

If you are looking for a snap, here it is, 160 acres, all in cultivation 3/4 to go with it. All perfectly level. German Lutheran neighborhood, 12 miles south of Wakeoney. Price \$3,500, \$1,200 cash and balance in five equal annual payments. Write us for other bargains. **KANSAS AND COLORADO LAND CO., Wakeoney, Kansas.**

## JUST LIKE STEALING

To take this beautiful half section in Cowley Co., only 8 miles from a good R. R. town, in a fine community, school, church and stores, only 1/2 mile; free phone, rural route, 5-room house, cistern, good stable, well finest water in the state, pond, two orchards, 100 acres cultivation, bal. splendid bluestem pasture, can all be tilled but 20 a. level, upland country farm, smooth and level; soil is a deep black limestone loam, average over 40 bu. of corn per a. last year; grows alfalfa perfectly; only \$30 per a. for a short time; you'll have to hurry, this won't keep; \$5,000 cash, balance back; talk fast; it's money for you. **SHARP REALTY CO., Turner Bldg., Wichita, Kan.**

## CROOKED CREEK VALLEY LANDS.

Have several tracts, 80 to 1,000 acres. Water 20 to 40 ft. Raise alfalfa, corn, wheat. Eight miles Fowler. \$20 and up. Terms. **BOX 88, Mcade Co., Kansas.**

**FOR REPUBLIC COUNTY** corn, wheat and alfalfa lands, at reasonable prices on good terms. Write or see **Hall & Cartensen, Belleville, Kan.**

## JEWELL COUNTY.

Leads them all, according to Coburn, in corn, alfalfa, poultry, mules, cattle, hogs, honey. Write what you want to **GREEN REALTY CO., Mankato (County seat) Kansas.**

## BARGAINS.

Improved 1/2 section level farm land, 1-4 mile P. O. and school, 250 a. in cultivation, 100 a. wheat, 1-3 crop goes with place. Price \$30 a.; make very reasonable and long time terms. **W. B. Grimes, Owner, Ashland, Kan.**

## 240 ACRES VALLEY LAND.

Good improvements, near school, 4 miles town, several acres orchard, fine grove forest trees, water at 12 to 20 feet, \$30 per acre. Good terms. Big list and booklet free. **PARK M. THORNTON, Coldwater, Kansas.**

## COWLEY COUNTY BARGAIN.

284 acres, 2 1/2 miles of Arkansas City, 160 acres in Arkansas river bottom land, 40 acres in alfalfa, 120 for corn, 9-room house, bank barn 36x40, small orchard and windmill. Price \$57.50 per acre. Write **E. A. GILMAR, Arkansas City, Kan.**

**THIS WEEK'S BARGAINS**—Several good stocks good clean general mds. Doing good business; trade for Kansas land worth the money. Now is your opportunity to get into an established business. Cheap wheat and alfalfa lands for sale. The H. M. Davis Realty Co., Greensburg, Kan.

## KIOWA COUNTY BARGAIN.

160 acres improved, 4 miles to town, 60 acres pasture, 80 acres wheat to purchaser. Price \$4,500. 640 acres hard land, well improved with share of wheat at \$50 per acre. **J. A. BECKETT, Greensburg, Kan.**

## WESTERN KANSAS LAND

In Logan and adjoining counties from \$11 to \$25 per acre, according to location and improvements. **T. E. HALE, Solomon, Kansas.**

## FINE FARM BARGAIN—160 acres, Cherokee county, fenced and cross fenced, 125

a. in cultivation, 35 a. pasture 400 bearing peach trees, other fruit in abundance; 6-room house, well, barn, windmill, R. F. D., telephone. Price \$32,50 per acre. Write **Mathews & Oglesby, Oswego, Kan.**

## COME TO KINGMAN CO.

Where you can raise wheat, corn, hogs, alfalfa and good cattle. If interested, send for our descriptive price lists and maps. **JOHN P. MOORE & SON, Kingman, Kan.**

## FOR HOMESEKER OR INVESTOR.

Kiowa and Cavalry Creek Valleys, Comanche County, Kansas. Alfalfa land \$20 to \$35; rapidly advancing. Great opportunities for homeseeker or investor. Write for our large list of bargains, mailed free and postpaid. **PIONEER REALTY CO., Protection, Kan.**

## 200 ACRES, 10 miles from Delphos, 40 a.

pasture, 160 in cultivation, 175 can be cultivated, creek, plenty of fruit for family use. Good house, barn and outbuildings; One of the best corn and alfalfa farms; can be bought for \$75 per acre; 1/2 cash, bal. 6 per cent. **Minneapolis, Kan. Box 114.**

## 180 ACRES 1/2 mile from "Baker University"

townsite; good rich black limestone soil; 9-room house; two barns, hog sheds, large hay barn; splendid corn and timothy land. Well worth the money. Price \$75 per acre. **WM. M. HOLLIDAY, Baldwin, 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.

## I HAVE SOLD my half section near Colby

and now offer a fine, smooth quarter 3 miles from Brewster, Kan., no improvements except 40 acres under cultivation, school house across road from it. This quarter is choice and is offered for the small sum of \$2,200 cash. Another smooth quarter, 14 miles from Brewster, 55 acres under plow, sod house, good well and new windmill and a bargain at \$2,000 cash. These are bargains and must be sold soon. Address **IKE W. CRUMLY, Brewster, Kan.**

## AN IDEAL FARM FOR SALE.

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

## 134 ACRES, 2 miles from Cottonwood

Falls and the same distance from Strong City, on the main line of the Santa Fe, 70 acres of alfalfa, 60 acres in corn and 4 acres in orchard and lots. A small house and fair barn and other outbuildings. 2 wells with windmills. Has telephone, daily mail and close to school; this is a fine bottom farm, every foot alfalfa, corn and wheat land, good locality. Price \$80 per acre; can give liberal terms. Will sell on contract and give possession this fall. **J. E. BOGOCK, Cottonwood Falls, Kan.**



# KANSAS LAND LAND NOTES

**H. J. SETCHELL & SON, Real Estate, Morland, Kan.** Send for free list of Graham and Sheridan county lands.

**WALLACE COUNTY LANDS.** At \$10.00 to \$25.00 per acre. You will double your money if you buy now. If you want a good investment, write for further information. The Great Western Development Co. **H. FITZGERALD, Mgr.** Hays, Kansas.

**BOOKS COUNTY.** Corn, wheat and alfalfa make big crops every year. We sell these lands at \$20 to \$75 per acre on good terms. These prices are advancing rapidly. Now is the time to buy and get the advantage of the big increase in land values sure to come. Write for further information. **CASE & WILSON,** Plainville, Kansas.

**WALLACE COUNTY, KANSAS.** Where land is now selling for \$10.00 to \$15.00 per acre. If you buy now you will double your money shortly. The best "buys" in Kansas are to be had here. If you are looking for a good home or money-making investment, write me. **G. G. IMMEL,** Land Agent, Sharon Springs, Kan.

**SHERIDAN COUNTY LANDS MY SPECIALTY. WRITE M. D. GALLOGLY, REAL ESTATE BROKER, HOXIE, KAN.**

**GOVE COUNTY LANDS** \$8.00 an acre and up. If you want a good home, and an investment that will double soon, write me. **THOMAS F. McQUEEN,** Treasurer of Gove Co., Gove, Kan.

**Rooks and Graham Co. Land** In any size tract, at \$17 to \$40 an acre, depending upon improvements and distance from town. Write for new list. Mailed free and postpaid. **E. G. INLOW,** Falco, Kansas.

**MEADE COUNTY FARMS** 400 farms, 160 to 140 acres, improved and unimproved, at \$12.50 to \$25.00 per a. easy terms. \$20 a. 7 mi. Meade, in German settlement. 300 a. fine tillable land, 160 a. cult., price \$6,400. Experienced salesman wanted. **CHAS. N. PAYNE, Hutchinson and Meade, Kan.**

**Have You School Children?** We have just listed a well improved 80 acre farm only two miles from County High School, good seven room house, practically new barn, all tillable and no rock, \$4,800.00. **DONAHUE & WALLINGFORD,** Mound Valley, Kansas.

**MEADE COUNTY BARGAIN.** 325 acres Meade Co., Kan., small house, good well and windmill, barn, all fenced, 175 acres in wheat, all of which goes to purchaser, 7 miles of Plains, Kan., close to school and church. Write for others. **CARLISLE & DETTINGER, Meade, Kan.**

**ADMINISTRATOR'S SALE.** 160 acres 1 1/2 miles from Downs, Kansas, all good land, 1-3 of crop delivered to town. We will sell this at a reduced price to settle estate. This sure is a bargain and cannot last, as we must sell. For terms and description write **B. D. Courter, Downs, Kansas.**

**FOR SALE OR EXCHANGE.** Small stock of new and second hand furniture, located in a good county seat town, R. R. division point, good business at a bargain or would take a good quarter of western Kansas land in exchange. Also 1,400 a. ranch, about 400 acres cult., 100 a. old alfalfa, 50 acres new, and 100 acres more will be seeded this year. If not sold, house, barn, windmills, etc. Land not cult., will afford pasture for 250 head stock, only four miles from good shipping point in north central Kansas. Price \$25 per acre, terms to suit. Will take part trade. **LEWIS & ELDRED,** Phillipsburg, Kansas.

## NEW MEXICO

**FRUIT LANDS IN SUNNY NEW MEXICO.** The land of the big red apple, situated in northwest New Mexico, the best fruit section in the world for \$50 and up an acre, the best and cheapest water, ideal climate, the crop often pays 50 per cent on the investment. Write for illustrated literature, mailed free. **HILDEBRAND & HORN,** Aztec, New Mexico.

**RICH SOIL,** worlds of water, sunshine, latitude and elevation make the famous Farmington country the greatest fruit section on earth. Investments made for non-residents. Write and we'll send reliable information. Come, and we'll show you the land. Descriptive literature free. **Spath-Coston Land Co., Farmington, San Juan Co., New Mexico.**

**SAN JUAN COUNTY** and the famous Farmington fruit district in particular. Irrigated fruit lands, at prices that will pay 25 per cent on the investment, on terms to suit purchaser. Write for descriptive literature. **Hubbard Land Co., Farmington, New Mexico.**

**FRUIT LANDS** in famous Farmington District of northwestern New Mexico. Two crops from a bearing orchard, often pay for it. Land with good water rights, \$6 an acre up. Printed matter free. **Clark Land Company, Farmington, New Mexico.**

**FOR FREE INFORMATION** about Allen county lands write **F. W. Frevert, 51 years a Kansan, Gas City, Kan.**

For free information about Thomas and adjoining counties, write to or call on **TROMPETER & SON,** Colby, Kansas.

**FOR SALE** Sherman county lands, in any size tracts on most liberal terms. Write for prices, descriptions and illustrated literature mailed free and postpaid. **IRA K. FOTHERGILL,** Real Estate and Inv., Goodland, Kansas.

**SHERIDAN COUNTY LANDS** at \$15.00 to \$35.00 per acre. You will have to act quickly. Write for further information. **W. S. Quisenberry, Hoxie, Kan.**

**HAVE YOU ANYTHING TO TRADE?** If you have, list it with Howard, the Land Man, and he will get you something in short order that will suit you. I have farms to trade, automobiles, houses and lots, in fact, everything you can think of that you are likely to want. Talk it over with Howard, the Land Man, Room 15, Turner Bldg., Wichita, Kan.

**640 ACRES,** smooth as a floor, 2 1/2 miles station, well improved, 6 room house with double cemented cellar, porch nearly around house, large barn, 320 acres fenced with 3 wires and hedge posts a rod apart; 320 acres in cultivation, good well, windmill and tank. Price \$25.00 an acre. Terms. Other farms at lower prices. **JOSEPH SAGER,** Colby, Kansas.

**320-ACRE LABETTE CO. FARM.** Located 2 mi. from good railroad town, 240 a. in cultivation, 10 a. mow land, balance pasture, black limestone soil, good, tame grass, grain and stock farm. Two sets of extra good improvements, plenty of water and fruit. \$50 per a. This is only one of our many bargains. Write for free list. **THE BOWMAN REALTY CO., Coffeyville, Kansas.**

**RAWLINS COUNTY** 320 acres fine farm land at \$10 per acre. Best of terms, 2 1/2 miles from good town, German Lutheran church school. For particulars write **ROBERTSON & HORTON,** Atwood, Kansas.

**THE HOXIE REALTY CO.** Farms, ranches and city property. Some of the best wheat, corn, alfalfa and hay land in the West. Also good business propositions in Hoxie. For further particulars, write us. **HOXIE REALTY CO., Hoxie, Kansas.**

**For Exchange** Fine 330 acre ranch 10 miles of Ottawa, Kan. Owner is an old gentleman and wants smaller farm. Price \$45 per acre. Can arrange for difference on farm. Give full description of what you have to offer in first letter. **MANSFIELD LAND CO., Ottawa, Kansas.**

**OLD MAN'S CHANCE** 80 a. joining good live town of 700 pop., good house, stable and other buildings; lots of fruit and berries; 15 a. of hog and cow pasture; small creek or clear, cool, never falling spring water, 60 a. in cultivation, rich, black soil with just sand enough to work nice. Must sell. \$3,000. **B. H. DUNBAR,** Tyro, Kan.

**LAND SNAP** 80 ACRES, Anderson County, Kan., 6 miles from Greeley, 7 miles from Garnett, 60 a. in cult., balance meadow and pasture, 160 acres, joining Harris, Kan., all tillable, 100 acres in cult., balance meadow and pasture. Price \$55 per acre, well improved. **Spohn Bros., Garnett, Kansas.**

**ABILENE NURSERIES** Write for catalog and price list before placing your order. We have the stock that bears fruit, also all kinds of ornamental trees. Forest trees, shrubs, roses and vines. Special attention given mail orders. 10 per cent discount on \$5.00 order; 15 per cent discount on \$10.00 order. Cash with order. Mention paper. **W. T. Gough & Co., Abilene, Kan.**

**PURE BRED SEED.** We have one thousand bushels of pure bred Black Dwarf Cane Seed for sale for \$1.50 per bushel, f. o. b. cars at Syracuse, Kan. This seed was raised without irrigation and is pure. Samples upon request. **L. P. WORDEN & SON,** Syracuse, Kansas.

**AN EXCEPTIONAL SUBSCRIPTION OFFER.** **SUBURBAN LIFE** of New York is one of the largest and most powerful outdoor magazines published. The regular subscription price is \$3 per year and by special arrangement we are able to offer to readers of the **KANSAS FARMER**, three months' subscription to **SUBURBAN LIFE**, **ABSOLUTELY FREE.**

We will also add to this one year's subscription to the **PEOPLE'S POPULAR MONTHLY**, a first class magazine for the home and one of the cleanest periodicals we know of. **SPECIAL FOR ONE DOLLAR.** Send us \$1.00 for one year's subscription to **KANSAS FARMER**, new or renewal and you will receive, free, three months' subscription to **SUBURBAN LIFE** and a year's subscription to the **PEOPLE'S POPULAR MONTHLY**. Mention this offer in sending in your subscription. **KANSAS FARMER, Topeka, Kan.**

Southwestern Colorado, of which Durango is the chief city, is attracting a great deal of attention from the fruit raiser and the farmer just now. Good irrigated lands are still cheap but the new transcontinental railroad about to be built into Durango, will double and treble prices. Write the Gallotti Investment Co., for their free literature, mentioning the Kansas Farmer.

The Frank Eldredge Investment Co., Durango, Colo., one of the old established real estate firms of southwestern Colorado, is advertising 160 acres of the finest irrigated fruit land in that famous fruit section for only \$65 an acre. This place is a decided bargain, and none of our readers can afford to overlook it. Look up Mr. Eldredge's double-column ad in our land page, and write him for particulars concerning this tract mentioning the Kansas Farmer. Southwestern Colorado is soon to be the scene of wonderful railroad activity; many new roads already having surveyed and rights of way secured.

The San Luis Land Bureau of Monte Vista, Colorado, is exercising a power of good, in the settlement of that grand valley in southern Colorado, where the wonderful crop, field peas, the great hog and sheep fattener, is making the farmers rich. This valley also holds the world's record for potatoes, 847 bushels per acre. They are also building a sugar beet factory there, and the Land Bureau is doing a creditable work in bringing in a good class of settlers. Interested parties should write to William A. Mayes, the secretary of the Bureau for a report on soil, irrigation, etc.

**Southwestern Colorado.** This is a coming country, and one that offers great opportunities to the homeseeker or investor. When the Colorado and Southern completes their transcontinental line into Durango, land values will advance greatly. Write the Boyle Realty Co., Durango, Colo., for their price lists and large, beautifully illustrated pamphlet, mailed free to Kansas Farmer readers.

**Oklahoma Land.** It is not generally known that good alfalfa land can still be secured in Oklahoma as low as \$10 an acre. But such is the case. The Farm & Home Investment Co., Culbertson Bldg., Oklahoma City, Okla., regular advertisers in our Oklahoma land department, specialize on corn, wheat and alfalfa lands. Look up their ad and write for free list and printed matter. Be sure to mention the Kansas Farmer.

**PUBLISHER'S PARAGRAPHS.** Read the announcement of the Southern Colonization Co., Room 719, New York Life Building, Kansas City, Mo. They surely have something to interest you. Mention the Kansas Farmer and ask them all about it.

**The Best Make of Washing Machine.** The Imperial Manufacturing Company, of Independence, Kansas, are putting on the market a new style washing machine, of which you will notice the illustration on another page in this issue. It combines the good features of both the steam laundry and wash board, without the objectionable features of either. It is practically automatic and is especially distinguished for the following features: "Ease of operation" "perfect cleansing" and "no pins to tear the clothes." The machine is made from the very best material that can be obtained. This company owns their own building, a large, commodious brick structure, and employ twenty-five men. Satisfaction is guaranteed every machine that is put on the market. They are on sale at almost every hardware store in the Southwest at \$10.00 each. If your dealer does not handle this machine, write the Imperial Manufacturing Company, Independence, Kan. They will see that you get it at once. Kindly mention Kansas Farmer.

**A Wonderful Railroad.** In Colorado there is a standard gauge railroad connecting the tourist center of Colorado Springs with the world's greatest gold mining camp, the Cripple Creek district, which for grandeur of scenery and marvelous engineering achievements excels anything in this country or Europe. It is the Colorado Springs and Cripple Creek District Railway, better known as the "Short Line," opened for traffic in 1901, since which time its fame as a line of unparalleled scenic attraction and wonderful construction has spread to all parts of the world. The air line from Colorado Springs to Cripple Creek is 19 miles, but this famous railroad, in its ascent of the mountains, twisting and turning around the edges and over the tops of gorgeous canyons traverses a distance of 50 miles, and from start to finish presents a continuous panorama of stupendous and bewildering mountain and canyon scenery, which baffles all description. It was a well known writer who, after exhausting his entire vocabulary of adjectives before reaching the awe-inspiring Point Sublime, six miles out, declared in desperation that it was "the one day trip that bankrupts the English language." Instead of following a path already prepared, this road boldly assails the mountain backbone, and forces a way over forbidding heights, here carved out of the solid rock, there skirting the rims of dizzy abysses, yonder zigzagging to accomplish the ascent of great walls, from mountain-top to mountain-top, while ever and anon matchless views of the plains are unfolded to the enraptured gaze of the traveler. There is nothing like it in all the entrancing grandeur Colorado holds within her confines. It is universally pronounced the feature of a western tour, and no traveler would think of passing through Colorado without making the side trip to Cripple Creek over this wonderful railroad, including the inspection of some of the greatest gold mines in the world, on electric trolley cars. This electric line, with a grade of 8 per cent and an average grade of 3 per cent will be of great interest to street and interurban railway men; two lines are operated between the towns of Victor and Cripple Creek and in this famous gold district; the High Line goes up over the mountains while the Low Line follows around the base of the hills, they are both standard gauge and cost approximately \$25,000 per mile, with motor cars weighing 30 tons, equipped with GE No. 37 fifty horsepower motors. The ride over these lines is undoubtedly the most interesting trolley ride in the world.

# FIELD NOTES

**FIELD MEN.**  
O. W. Devins.....Topeka, Kan.  
Jesse R. Johnson.....Clay Center, Kan.  
E. G. Sollenberger.....Woodston, Kan.

**PURE BRED STOCK SALES.**  
June 10—C. S. Nevius, Chiles, Kan.  
June 11—H. E. Hayes, Olathe, Kan.

**Jersey Cattle.**  
June 30, 1910—Kinloch Farm, Kirksville, Mo.

**Hereford Cattle.**  
Nov. 10—T. I. Woodall, Fall River, Kan.

**Poland Chinas.**  
Aug. 11—E. H. Davidson, St. John, Kan.  
Sept. 20—J. D. Spangler, Sharon, Kan.  
Oct. 5—Homer Gruver, Spring Hill, Kan.  
Oct. 12—W. B. Stafford, Bronson, Kan.  
Oct. 14—T. J. Dawe, Troy, Kan.  
Oct. 15—J. B. Whipple, Fall City, Neb.  
Oct. 18—Herman Groninger & Sons, Bendena, Kan.  
Oct. 19—A. B. Garrison, Summerfield, Kan.  
Oct. 20—Hubert J. Griffiths, Clay Center, Kan.  
Oct. 21—J. M. Ross, Valley Falls, Kan. and W. E. Long, Ozawatie, Kan., sale at Valley Falls.  
Oct. 22—H. C. Graner, Lancaster, Kan.  
Oct. 25—W. C. Singer, Hiawatha, Kan.  
Oct. 26—W. R. Webb, Bendena, Kan.  
Oct. 26—G. M. Hull, Garnett, Kan.  
Oct. 27—Walter Hildwein, Fairview, Kan.  
Oct. 28—J. H. Harter, Westmorland, Kan.  
Oct. 28—I. R. Berkey, Louisburg, Kan.  
Nov. 1—H. B. Walter, Effingham, Kan.  
Nov. 1—H. F. Pelphrey, Humboldt, Kan.  
Nov. 2—J. W. Pelphrey, Chanute, Kan.  
Nov. 2—Albert Smith & Sons, Superior, Neb.  
Nov. 2—R. J. Peckham, Pawnee City, Neb.  
Nov. 3—George W. Smith, Burchard, Neb.  
Nov. 3—D. W. Evans, Fairview, Kan.  
Nov. 9—T. J. Meisner, Sabetha, Kan.  
Nov. 10—H. B. Walter, Effingham, Kan.  
Nov. 16—W. A. Prewett, Asherville, Kan.  
Nov. 19—G. W. Roberts, Larned, Kan.  
Jan. 13—H. F. Pelphrey, Humboldt, Kan.  
Jan. 19—J. W. Pelphrey, Chanute, Kan.  
Jan. 20—Roy Johnston South Mound, Kan.  
Feb. 7—J. M. Ross and W. E. Long, Valley Falls, Kan.  
Feb. 9, 1911—Albert Smith & Sons, Superior, Neb.  
Feb. 8—H. B. Walter, Effingham, Kan.  
Feb. 16—J. H. Harter, Westmorland, Kan.

**Duroc Jerseys.**  
Oct. 28—Thompson Bros., Garrison, Kan.  
Nov. 15—J. E. Joines, Clyde, Kan.  
Feb. 2—Thompson Bros., Garrison, Kan.

**Horses.**  
Oct. 26—W. S. Corsa, Whitehall, Ill.

**High Class Shorthorn Sale June 10th.**  
On June 10th C. S. Nevius will offer to the public one of the best offerings of Shorthorn cattle that will be sold this spring. Thirty of these cows and heifers will be bred to the champion show bull, Searchlight; All the cows and heifers are in good breeding condition and are a good useful lot. Send your name in early for a catalog and arrange to attend the sale. See ad on another page. Please mention Kansas Farmer when you write.

**Drybred Consigns to Enid Sales.**  
Samuel Drybread of Elk City, Kan., consigns eight Hereford bulls arranging in age from 12 months to 2 years old, and are a useful lot of bulls. The Durocs consist of one red Wonder sow bred to Buddy K. 4th. One King Wonder sow bred to Buddy K. 4th. One Vernon Lad sow bred to Buddy K. 4th. One Buddy K. gilt bred to Bells Chief, two extra good fall gilts bred to Bells Chief, one fall boar by Bells Chief and out of a Proud Advance dam. Don't fail to attend this show and sale at Enid, Okla., May 31 to June 2nd. It will be an excellent place to buy some very high class stock at reasonable prices.

**Herd Bull Baron Marr Sells June 11th.**  
One of the great sons of Cumberland's Last, will be sold in the Shorthorn sale of H. E. Hayes to be held June 11th. Baron Marr is the most perfectly fleshed bull and best sire Mr. Hayes ever owned and comes from stock which justifies this excellence. The dam of Baron Marr is an imported Red Lady cow of unusual strength of breeding, showing in her pedigree nearly all the crosses which are credited for the unusual scale and constitution of the Marr families. The sire of Baron Marr is Cumberland's Last, a bull that claims peerage with the best Shorthorns of this continent. Baron Marr is not a large bull, having been stunted as a calf, but when it comes to flesh, form, character and ability as a sire he is there and one of the beautiful features of the sale will be the string of young heifers by him, in which there is No. 1 show yard stuff. Nearly three-fourths of the entire offering will be made up of the very best sorts of Scotch cattle, a sample of which is the dam of the oldest Baron Marr heifer, an Orange Blossom cow imported from Scotland. There are several very choice imported Scotch cows. They are distinctly creditable—cattle with merit enough to correspond with any fashion of breeding. Mr. Hayes' herd is not as well known as it would be if his business allowed him to get out among stockmen more, and for that reason we take special pains to assure those who do not know, that they will find an offering at this sale richly worth their time to come and see. The catalogs are full of valuable reading and every lover of Shorthorns should send for one and arrange to attend this sale. It will be the following day after C. S. Nevius' sale and parties can attend both sales for one expense. You can reach Olathe every half hour from Kansas City via electric line. Please look up Mr. H. E. Hayes' ad in this issue and write today for a catalog. Kindly mention the Kansas Farmer.



# Colorado Land

## KIT CARSON COUNTY, COLORADO

I offer 35,000 acres agricultural land in Kit Carson county at \$7.50 per acre on easy terms and long time. Averages 90 per cent smooth land. All tillable, good soil and water guaranteed. A splendid colonization proposition.

**ALBERT E. KING,** McPH ERSON, KAN.

## 1000,000 Acres of Land in Eastern Colorado

If interested in lands in Eastern Colorado, where there has never been a hot wind or cyclone, where the water is shallow, fifteen to twenty-five feet deep, natural, sub-irrigated alfalfa land, where the soil is rich from the glacial drift from the mountains, where the air is pure, and the sun shines, and more showers than any other district. Write us for folder descriptive of the land and best map of Colorado published.

**Kit Carson.** **WIT CARSON COMPANY.** Colorado.

**SOUTHWESTERN COLORADO.**

160 acres of fruit land, with ample, reliable and well defined private water rights, valued at \$3,000; near railroad and school, 45 acres in alfalfa; all fenced. Red, sandy loam, deep, rich and very productive, free from alkali, 145 acres under water; no waste land. Owned by non-residents, who cannot give it the necessary attention. No buildings, but very desirable property, surrounded by well improved farms; delightful climate, etc., free from malarial and bronchial troubles. Altitude about 6,500 feet. Price \$85 per acre. Can be sub-divided into small tracts. Terms 1/2 cash, balance on 3 or 5 years' time, at current rate of interest. For particulars address the

**Durango.** **FRANK ELDREDGE INVESTMENT CO.,** Colorado.

## \$11.50 --- PER ACRE --- \$11.50

For 640 acres of the best land east of Denver in Colorado, worth \$17.05 to \$20.00 by Sept. 1st. Write for information and terms.

**Longmont.** **THE LONGMONT REALTY CO.,** Colorado.

SEND FOR A COPY of our free book, telling about good homes and money making investments. Illinois Realty Co., Monte Vista, Colo.

LIVE AGENTS wanted to sell Washington County land; big crops are being raised every year. Write for offer. The Clary Land Co., Akron, Colo.

**YUMA COUNTY, COLORADO**

Lands \$14 to \$20 per acre, where all staples produce big crops. Write for free list.

**B. M. WEAR, Jr.,** Yuma, Colo.

**SAN LUIS VALLEY, COLORADO.**

Irrigated pea, alfalfa, hay and livestock farms, \$45 to \$80 per acre. Write for full information. FLAGLER REALTY CO., 113 1/2 E. Pike's Peak Avenue, Colorado Springs, Colorado.

**EASTERN COLORADO** Lands at lowest prices and best terms. If you want a good home or investment, you should see me. I have been here for 17 years. Inclose stamp for reply.

**THE GENOA LAND COMPANY,** Genoa, Colo.

**EASTERN COLORADO** Lands \$10 an acre and up. Live agents wanted. Write for our descriptive literature, and county map, mailed free.

**HAYNES LAND CO.,** Yona, Colo.

**YUMA COUNTY, COLO.**

Lands that raise big crops of all staples, \$10 to \$15 per acre. Great opportunities for home seeker and investor. I own a few quarters, which I will sell cheap.

**A. L. KISSINGER, U. S. Commissioner,** Yuma, Colorado.

**WASHINGTON COUNTY, COLORADO.**

Corn and wheat lands \$7 to \$30 per acre. Prices advancing rapidly—now is the time to buy. 320 acre homesteads and cheap relinquishments. Write for free list.

**THE AKRON LAND CO., Inc.,** Akron, Colo.

**LANDS** that raise big crops of all staples, near towns, churches, schools and neighbors, \$10 to \$25. Will locate you on a 320 acre homestead relinquishment. Act quickly. Write for full information. Empire Land & Cattle Co., Akron, Colo.

**LANDS.** Adams, Arapahoe and Elbert County, Colo. Produce big crops, all staples; \$8.50 to \$17.50 per acre. For a good home, or investment that will increase rapidly, write for free list and descriptive literature.

**PARKS BROS. & ORTON,** Longmont, Colo.

**CHEYENNE COUNTY, COLORADO.**

Where land often pays for itself in one crop. For \$8 to \$16 we can sell you choice land, well located, near schools, churches and markets. Write or see

**WILD HORSE LAND CO.,** Wild Horse, Colorado.

**LOVELAND, COLO.**

The land of irrigation and sunshine, sugar beets, wheat and alfalfa, produce big crops. If you want a good home or increasing investment, write or see

**ARTHUR H. GODDARD,** Loveland, Colo.

**LA PLATA COUNTY**

Irrigated lands \$25 an acre and upward; in new country, about to be tapped by another railroad—the C. & S. Fruit, vegetables and all staples produce big crops. Price lists and large pamphlet free.

**BOYLE REALTY CO.,** Durango, Colo.

**SOUTHWESTERN COLORADO.**

New fruit, hay, grain, potato country; fertile land, perpetual water rights, \$80 acre. Soon to have trans-continental railroad which will double and treble land values. Descriptive literature free. **THE GALIOTTI INV. CO.,** Durango, Colo.

**NORTHERN COLORADO.**

Grover District, Famous Crow Creek Valley. Three years ago practically unknown except to the cattlemen, who recognized it as best range country in U. S. Luxuriant grass and thousands acres natural hay meadows. Rapidly developing into fine farming country. Any sized tract in relinquishments deeded, dry or irrigated land, \$2 to \$45 acre. **G. A. HILL, Berthoud,** Colo.

**FREE**

Illustrated descriptive pamphlet and booklets telling all about Eastern Colorado; choice land at \$10 to \$20 per acre.

**KENNEDY LAND CO.,** Limon, Colorado.

**LIST OF LANDS** for sale at \$5 per acre, and up free. 320 acre Homesteads located. Relinquishments for sale. **E. A. SHOOK,** Akron, Colo.

**WANTED.**

Agents to assist in selling eastern Colorado land. A good opening for active men in your locality, one who can produce results. Write for our liberal offer, and full information.

**ARRIBA LAND CO.,** Arriba, Colo.

**LINCOLN COUNTY, COLORADO.**

Corn, wheat, and alfalfa lands \$12 to \$25, on liberal terms; are well located, mostly smooth, dark chocolate loam soil; raises big crops, all staples. Prices are rapidly advancing; buy now and get in on the ground floor. Write for illustrated descriptive literature and sectional map of eastern Colorado, mailed free.

**COLORADO LAND INV. CO.,** Arriba, Colo.

**GOOD LAND,** Kit Carson County, Colo., \$8.50 to \$25.00. Why stay last and pay big rent when you can come to Kit Carson county and buy a home for the rent you pay for the eastern farm one year. Land produces wheat, barley, oats, corn, cane, alfalfa, etc. Write for colored map of Colorado, sent free.

**G. W. DINGMAN,** Stratton, Colorado.

**DO YOU WANT A HOME?**

Buy now in Washington county, Colo., where choice land, with best of soil, can be had, where good farms raise from 20 to 45 bu. wheat per acre and oats, barley, corn, speltz, potatoes and alfalfa grow abundantly on upland, without irrigation; in a county rapidly settling and being improved by good thrifty farmers. We have many tracts of choice, smooth, fertile farm land, healthful climate and abundance of good water, at prices ranging from \$8 to \$15 per acre. If you are looking for good investments write or see

**Vanderhoof & McDonald,** Otis, Colo.

**MUNIZING PAYS THE FREIGHT.**

Farms, Sheep and Also Cattle and Horse Ranches.

I own 40,000 acres of choice lands in Washington and Yuma counties, and am offering both improved and raw lands at prices far below all others and on terms to suit all purchasers. Monthly payments if desired. 160 and 320 acre relinquishments adjoining lands offered for sale. Best of wheat, oats, cane, corn, potatoes and alfalfa lands. I refund railroad fare and hotel bills to those who purchase from me. All lands are level, smooth and rich farm lands. NONE better. COME NOW and buy homes and get the free ride. Why pay big commission when you can buy direct from the owner? Write for maps, plats, price lists and explanations and proofs to

**AUGUST MUNTZING,** Akron, Colo.

**IN SUNNY COLORADO.**

We have for sale fine country and suburban homes along the line of the Denver, Laramie and Northwestern Ry., now building and operating through the rich irrigated valleys along the eastern base of the Rocky Mountains.

There are now opportunities that only come once to buy at first cost a 5 to 10-acre Garden Tract for a Suburban Home or a 20, 40 or 80-acre farm. Our properties are all improved and have valuable water rights, close to new towns along the line, and the early purchasers have all advantages of the growth of the towns and country.

Our properties have the three essential factors which every buyer should consider; namely, ideal climatic conditions, social environment above the average, tracts and farms that make ideal homes.

At the new town of Milliken, 12 miles from Greeley, we have lots and acreage tracts for sale.

We will soon place upon the market in 5-acre tracts, 320 acres located within easy walking distance to the State Normal School in Greeley. We want a dense settlement along this railroad. Write us for information today. The Colony Investment Co., Immigration Agents, Greeley Colo.

When writing advertisers please mention Kansas Farmer.

### SEND FOR FREE BOOK COLORADO HOMESTEADS ON MOFFAT ROAD

Tells how to homestead 160 acres of rich fertile land with pure water, good towns, fine climate, on Moffat Road (Denver, Northwestern & Pacific Ry.) in Routt County, Colo. We have no land to sell—it's absolutely free from the Government and now open for settlement. Law allows you to return home for 6 months after filing. Oats 90 bushels to acre, wheat 45, barley 70. Get a good farm free. Fine chance for investors and business openings. Write for free book, maps and information about how to get these farms free. **W. E. Jones, Gen'l Traffic Manager, 708 Majestic Bldg., Denver, Colo.**

**STOP!** LOOK! LISTEN!

To what we have to say in regard to our business. We have a large list of the best lands in Morgan County. Should you desire a good irrigated farm, good dry land on a homestead, communicate with us or come and give us an opportunity to show you what we have.

**B. W. JACKSON REALTY CO.,** Fort Morgan, Colorado.

### COLORADO LANDS

Send for our descriptive map folder of Eastern Colorado, mailed free upon request. We have many bargains in wheat and alfalfa land, nice and smooth, at \$8.50 to \$20.00 per acre.

**FLAGLER LOAN & INV. CO.,** Flagler, Kit Carson County, Colo.

### IF YOU WANT TO BUY AN IRRIGATED FARM

that will produce big crops of all staples, at a reasonable price, write to or call on **C. B. Henderson, Loveland, Colo.**

### I. L. DARBY THE PIONEER LAND MAN

Government and Deeded Lands and Town Property. 320 acre Homesteads, Snaps in Relinquishments. Write for new illustrated folder, mailed free.

**Grover** Colo.

**MONTEZUMA VALLEY—Land** of red soil; produces all crops; fruit, hay, wheat, oats, barley, potatoes. Prices \$30 to \$100 per acre, and advancing rapidly. Now is the accepted time. Literature free, describing this beautiful valley. **Closson & Huff, Cortez, Colo.**

640 acres fenced and cross-fenced, twelve miles of Denver, three miles of Parker, Colo., well grassed, has living water sufficient to water 200 head of stock every day in the year, \$12.00 per acre, half cash, balance in one and two years at 6 per cent. Several other bargains just as good. Write

**A. J. SIMONSON,** 214 Cooper Bldg., Denver, Colo.

**KIT CARSON COUNTY, COLORADO.** Corn, wheat, and alfalfa lands, at \$10 to \$25 per acre, according to location and improvements. Prices are rapidly advancing, and the time to buy is now. Write for our free illustrated booklet, stating what you want. A live agent wanted in your locality.

**A. W. WINEGAR,** Burlington, Colo.

**EASTERN COLORADO—The home** of wheat, barley, millet, cane, broom corn, speltz, and all staples. Lands are now very cheap, from \$9.00 to \$11.00 per acre for raw land to about \$20.00 an acre for improved farms, but are rapidly advancing in price. Write for free printed matter, stating what you want.

**McCRACKEN LAND CO.,** Burlington, Colo.

**EASTERN COLORADO.**

Our lands raise big crops of wheat, oats, flax and corn, and are rapidly increasing in value. If you act at once, we can sell you a good farm for \$12 to \$25 per acre. We want a hustling agent in your locality. Illustrated descriptive literature free upon request.

**CLARENCE M. SMITH,** Flager, Colorado.

**NORTHERN COLORADO**

Where wheat is wheat and yields 20 to 60 bushels per acre on either irrigated or dry land. Where alfalfa yields 25 per acre with only the labor of "making" it. Where farming is profitable every year and where life is real living. Send for free price lists and descriptive literature.

**G. A. HILL,** Berthoud, Colo.

### COLORADO FARMS

If you want western land, may I explain opportunities in northwest Colorado, to invest in either irrigated or non-irrigated wild land, or improved farms. Upon the ground, experienced expertly in every detail of the land trade, I am in position to aid a buyer by acting (if so required) exclusively in his interest to secure for him a bargain in land. I refer by special permission to First National Bank, Sterling, Colorado. For information address

**H. A. CLAPP** Sterling, Colorado.

**MONTEZUMA VALLEY—280** acres, 10 mi. county seat, good water right, one new frame dwelling, also 7-room stone house, cellar, granaries, sheds, barns, chicken houses and all necessary outbuildings; good fences; 15 acres hay, 10 bearing, orchard, 110 in cultivation. An ideal proposition. Will undoubtedly double soon. Price \$13,000. Good terms. **Vincent & Woods, Cortez, Colorado.**

**MONTEZUMA VALLEY LANDS.**

In southwestern Colorado, a new country that is attracting much attention from the homeseeker and investor. Lands with good water rights, \$30 to \$100 per acre. These prices will undoubtedly double soon, and now is the time to buy. Write for state map, and handsome booklet, full of valuable information. **BOZMAN REALTY CO., Cortez, Colorado.**

### COLORADO LAND.

Before buying land in the San Luis Valley, write San Luis Land Bureau, Monte Vista, Colo., for report on soil, irrigation, etc. Grand climate, beautiful mountain scenery, wonderful fertility, and land is cheap.

**DO YOU WANT TO BUY** Eastern Colorado lands? Write for our free folder of 28 large illustrated pages Cheyenne County Land Co., Cheyenne Wells, Colo.

**\$7 TO \$15 PER A.,** on liberal terms. Homestead relinquishments, \$100 to \$800 each. Where rainfall is plentiful, and prices are rapidly advancing. Write for full information stating what you want. **Maheer & Haaks, Deer Trail, Colo.**

**LANDS! LANDS!**

In the famous San Luis Valley. Land from \$40 to \$125. Crops abundant. Unexcelled water-rights. We live here, are old ranchers here, and own land here. Write for handsome illustrated booklet, mailed free. **DWIGHT G. GOVE, Monte Vista, Colo.**

**SAN LUIS VALLEY**

Irrigated land with perpetual water rights in tracts to suit on easy terms. Prices still far below real value. Products alfalfa, peas, potatoes, wheat, oats and fat stock. **THE TRANS-MISSISSIPPI INV. CO., Inc.,** La Jara, Colo.

**ARE YOU MAKING MONEY?**

95 per cent of the San Luis Valley farmers are getting rich. Why? Because they are producing the finest pork and mutton in the world at lowest possible cost. Our free illustrated folder tells how. Write for one. **C. W. FOSTER, Monte Vista, Colo.**

**SAN LUIS VALLEY.**

Write for free handsome illustrated booklet, before you buy land in the San Luis Valley. This book contains much information, invaluable to the prospective settler or investor. Book is just off the press. Send your name today, for a free copy.

**C. C. KERR & CO.,** Monte Vista, Colo.

**SAN LUIS VALLEY.**

4,027 acres fine farm land, adjoining good town. Cuts 1,000 tons splendid native hay. Some fine alfalfa, 100 acres potatoes, remainder grain and pasture. Good farm houses. Best water rights. Must sell at once. \$27.50 acre, 3,750 a., first class hay and farm lands, near Alamosa; fine farm houses and barns. Improvements worth \$25,000. Good water rights; splendid artemesian wells. Other bargains. **BUTLER & HINES, Alamosa, Colo.**

### EASTERN COLORADO LANDS

\$12 to \$25 per acre; about 1-3 cash, balance to suit purchaser. Also homestead relinquishments for sale cheap.

**A. TERWILLIGER, Prop.,** Byers Hotel, Byers, Colo.

### SAN LUIS VALLEY

Lands where big crops of potatoes, alfalfa, peas, etc., grow to perfection. Reasonable prices; good terms. Write for illustrated literature, mailed free.

**W. P. FISHER COMPANY,** La Jara, Colo.

### CHOICE COLORADO AND WYOMING LANDS

15,000 acres patented land near Cheyenne, Wyo. Fenced. Well watered. Excellent soil. Fine improvements, including dwellings with hot and cold water, telephone, etc. In the midst of best dry farming section. A large part could be irrigated. An ideal proposition either for colonization, farming, or a cattle ranch. Price is \$7.50 per acre.

6,080 acres excellent dry farm land in eastern Colorado, near Limon; surrounded by good farms. Level; rich soil; 3 sections fenced. Some in cultivation. Good improvements. Very best tract for colonization in Colorado. Price \$12 per acre.

The above are only samples of our bargains and if you wish smaller tracts or a different variety of land, we can offer you surprising bargains. Have sold over a million acres and never failed to make money for my customers.

### THE ARMSTRONG-WILLIAMS REALTY CO.

825 17th St., Denver, Colo.

### WYOMING LANDS

**FREE—320-ACRE Homesteads**—Millions of acres; fertile lands, valuable information, laws, maps showing how and where to locate sent for 25c, mailing cost. Western Land Company K 404, Cheyenne, Wyo.

### IOWA COLONY

\$15 lands near Cheyenne, grows crops equal to \$100 lands anywhere. Don't drown out or dry out—have rain enough. Finest climate and water. Maps free.

**HARTUNG LAND COMPANY,** Cheyenne, Wyo.

**FOR SALE—4400** acre stock ranch 20 miles south of Laramie Wyo. 1000 acres of water rights. Splendid free range, \$15,000 worth of improvements. \$7 per acre. Terms, The Western Irrigated Lands Co., Laramie, Wyo.

**1200 ACRES IMPROVED IRRIGATED** land 30 miles from Laramie on R. R. Growing hay, oats and alfalfa. 1000 acres state leased land fenced. Lease assigned to purchaser free. Splendid free range adjoining. Valuable improvements, \$20 per acre. Terms, The Western Irrigated Lands Co., Laramie, Wyo.

**Peckham Makes Good Sales.**

Mr. R. J. Peckham of Pawnee City, Neb., breeder of big type Poland Chinas, reports the recent sale of two very choice fall boars, one to C. W. Dingman of Clay Center and one to Ed Harvey of Lawrence, Kan. Mr. Harvey writes as follows: "The pig came through in good condition and I am greatly pleased with him. In fact he is better than you said he was. One of my neighbors who is a breeder saw and pronounced him a grand individual. I shall certainly be proud to show him and to tell people from what herd he came. This boar was sired by O. K. Chief, one of Mr. Peckham's herd boars that is for sale because he can't be used to advantage longer in the herd."



# TEXAS LAND

**LOWER PECOS VALLEY IRRIGATED LANDS**  
**Pay 50 to 200 Per Cent Net Annual Income in Alfalfa and Fruits.**  
 We are the owners' Exclusive Selling Agents for Arno or Zimmerman lands sold in tracts from 10 acres and upwards including perpetual paid up water rights and proportionate ownership of the irrigation system. These lands will pay 100 per cent annual income.  
 We also have a number of section tracts of arable land in the valley, back of the canal systems which we can sell at from \$5.00 to \$8.00 per acre on easy terms.  
 Ask for Arno or Zimmerman descriptive folders. Address  
**THE HEATH COMPANY, 109 W. 7th St., Topeka, Kan.**

## TEXAS PUBLIC LANDS

The State of Texas has eight million acres for sale; \$1.00 to \$5.00 per acre; only one-fortieth cash, forty years on balance; three per cent interest; good farming land; some don't require residence. Send 5c postage for further information. Journal Publishing Company, Box T-225, Houston, Texas.

**GOOD RANCH.**  
 3,368 acre ranch, improved, \$5.00 acre, Robertson Co., 7 miles county seat. Adjoining land couldn't be had for twice our price. Would sell part or all. All fine grass and much first class farm land. Detailed description and plat free.  
**C. A. BABCOCK, Harper, Kansas.**

# Oklahoma Land

**"WE SELL THE EARTH."**  
 Farmers grow wealthy in a short time in Custer and adjoining counties in Oklahoma growing hogs, corn, alfalfa. Farms at from \$30 to \$50 per a. Write us for land list.  
**DULANY & RANDOL, Clinton, Oklahoma.**

**IF YOU** have money to loan on good farm and city security, write **John Hankins, Chickasha, Okla.**

**FREE INFORMATION** about Oklahoma. **Homer H. Wilson.** Here since 1893. Enid, Okla.

**MAJOR COUNTY** corn, wheat and alfalfa lands. Lowest prices. Best terms. Information free. **J. Nile Godfrey, Fairview, Okla.**

**CADDO CO. FARMS.**  
 Best in Oklahoma for homes or investment. Your address on postal card will bring descriptive list and literature.  
**BALDWIN & GIBBS CO., Anadarko, Okla.**

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

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

**WASHITA VALLEY LANDS.**  
 From \$10 to \$60 per acre offer great opportunities for investment. They are well located near railroads, towns, churches and schools. Write for further information.  
**JOSEPH F. LOCKE LAND & LOAN CO., Wynnewood, Okla.**

**REAL ESTATE BROKERS.**  
 Mangum, Okla. Lands that produce big crops of cotton, alfalfa, corn, wheat and all other staples at very reasonable prices. Write for free list of bargains.  
**McMILLAN & LANGFORD, Mangum, Okla.**

**"Hough Sells The Earth"**  
 In Caddo county, fertile, rich, cheap. Send 10 cents in stamps for handsome colored county map of Oklahoma, circulars and list. Letters answered in German or English.  
**W. E. HOUGH, Apache, Okla.**

**CADDO COUNTY, OKLAHOMA**  
 corn, wheat, cotton and alfalfa lands \$20.00 to \$75.00 per acre, according to improvements and distance from towns. Lands are advancing rapidly. Now is the time to buy. Write for full information.  
**J. ELZIA JOHNSON, Hinton, Okla.**

**IMPROVED FARMS.**  
 180 acres, 140 in cultivation, good 9-room house, barn 45x65, tool shed and granary, 40x40, orchard, telephone, R. F. D., near school, 4 miles county seat. Price \$9,000. Write  
**J. T. RAGAN, Vinita, Okla.**

**NOTICE TO RENTERS.**  
 Here is something you may never see advertised again: No. 240-160 acres, 3 miles from good town, 17 miles from R. R., 152 a. tillable, \$5 a. in cultivation, 140 fruit trees, 2 room house, \$2,500. Terms, \$1,000 cash, bal. terms. Write us when you can come.  
**The Grand Investment Co., Thomas, Okla.**

**160 ACRES 160**  
 Fine land, 100 acres in cultivation, 5 1/2 miles from railroad. Price \$4,000. Terms on part.  
**THE FIRST LOAN & MORTGAGE CO., Watonga, Oklahoma.**

**WASHITA VALLEY LANDS.**  
 Good corn and alfalfa farm, four miles Pauls Valley, one mile State Industrial School, 170 acres, 150 under cultivation, 150 acres Washita Valley. 6 room house, above overflow. Electric line soon. Price \$10,000.  
**O. W. JONES, Pauls Valley, Okla.**

**Dalhart, Texas** is where we are located and we have some land bargains for the buyer. Write for our free, handsomely illustrated book or come to Dalhart and let us show you a country without a fault.  
**J. N. JOHNSON LAND COMPANY, Dalhart, Texas.**

**SHARP COUNTY, ARKANSAS FARM.**  
 228 acres, 135 a. in cultivation, rolling, under good fence, 10 a. tamegrass, orchard, good water, good 5-room house, good barns, nine miles to railroad. Further particulars address **E. H. Heath, Owner Ash Flat, Ark.**

**A FINE HOME FARM.**  
 320 acres 1 1/2 miles south Wagoner, New 7-room house, nice outhouses, good barn, granary, wagon shed, wind mill, concrete tanks. Nice bearing orchard, 225 acres cultivation. Can most all be plowed. All good land, good set tenant improvements, 4 good wells, one of the best improved farms in the county. Price \$45.00 per acre. Lots of others. Write for information.  
**W. H. LAWRENCE, Wagoner, The Land Man, Okla.**

**A BARGAIN.**  
 320 a. 7 miles of county seat, 3 1/2 miles of R. R. town, 1 1/2 miles to school, 160 a. deeded, 160 a. school land, 4 miles of 4-wire fence, 12 a. alfalfa, fine large orchard, 7-room house, summer kitchen of 2 rooms, 2 barns 40x56 and 40x44, large granary, 2 wells and mills, 2 hen houses, 8x28, all the crop as follows, Kafir corn, good soil, 45 a. pasture. Price for 30 days, \$11,000.  
**BATTEN REALTY CO., Medford, Okla.**

**EASTERN OKLAHOMA.**  
 200 acres, 7 miles from Muskogee, 2 miles of railroad town, all good valley land, living creek water, 20 acres cultivated, balance meadow, all fenced, in white settlement, on main road, close to church and school. Price \$30 per acre. Many other farms, improved and unimproved at \$25 to \$35 per acre.  
**R. B. BEARD & CO., Muskogee, Okla.**

**Oklahoma Land**  
 Where corn, wheat, alfalfa and cotton are making the farmers rich. We specialize on Oklahoma, Cleveland, Logan and Washita counties. Fine alfalfa lands \$30 and upward. Write for list and printed matter, mailed free. We also lead all in Oklahoma City property.  
**FARM & HOME INV. CO., Culbertson Bldg., Oklahoma City, Okla.**

**DO YOU WANT TO SELL YOUR FARM?**  
 Write us, we will give you good information. **Hoffman's Compiled List Report, 323 Sedgwick Block, Wichita, Kan.**

**MISSOURI LAND**  
**NORTH MISSOURI** farms for sale and exchange. Home of blue grass, corn and clover. Booklet and state map free.  
**Broyles Land Co., Chillicothe, Mo.**

**IMPROVED** corn, clover and blue grass farms. 40 miles south Kansas City, \$50 to \$75 per acre.  
**Jot M. Wilson & Son, Harrisonville, Mo.**

**CORN, clover and bluegrass** farms in the best section of Missouri, very reasonable prices. Write for description.  
**W. A. HORN, Harrisonville, Mo.**

**FOR SALE**  
 60,000 acres of land in Saline and McDonald Counties, Mo. Especially adapted to the Fruit, Poultry and Dairy Business. Can be purchased on easy terms in 20 acre tracts or more. Write  
**JOSEPH C. WATKINS, 305 Miners Bank Bldg., Joplin, Mo.**

**I OWN A FARM** of 240 which I want to sell. It is a good stock farm because it will grow good corn clover and timothy and has the best of water in four good wells. It has a comfortable house of four rooms and a summer kitchen. Stable room for 8 horses and feed. One-fourth of a mile from the school. In good neighborhood in Bates county, Mo. I will sell for \$35 per acre and make easy terms. Don't write unless you want to buy a farm, as I am a poor correspondent. **John D. Moore, Rich Hill, Mo.**

**SMALL PAYMENT DOWN**  
 And one-half cent an acre per day buys a farm. We pay railroad fares of all who go with us to investigate our lands, whether they buy or not. Write for description booklet and further information.  
**F. E. McNULTY, 710 New York Life Bldg., Kan. City, Mo.**

**DID YOU GO TOO FAR?**  
 Do you want to have a clover, bluegrass and timothy farm again? If so, write us. We sell well improved Johnson county farms for \$40 up. Write for our list, mailed free and postpaid.  
**LEETON LAND CO., Leeton, Mo.**

**880 ACRES FINE TIMBER LAND.**  
 Abundant living spring makes ideal ranch. If cleared would be good agricultural farms adjoining all sides can not be bought for \$50 per acre; near county seat; price \$75 per acre; no incumbrance; will take some trade. **J. H. Quarry Realty Co., 120 Commerce Bldg., Kansas City, Mo.**

## NEBRASKA LAND

**IRRIGATED HOMESTEADS.**  
 In the famous North Platte Valley, where Uncle Sam furnishes the water on ten years time without interest. Crops yield \$25 to \$100 per acre. Homesteads at from \$700 to \$3,500, according to improvements. Deeded lands \$75 to \$100 per acre. Free rural mail delivery telephone and all modern farm conveniences. These lands in splendid settlement of fine homes near town. For particulars write or see  
**CARPENTER, PLUMMER & MURPHY, Morrill, Nebraska.**

**45 BUSHELS WHEAT LAND, \$25 PER ACRE.**  
 We own and control 20,000 acres of Cheyenne county, Nebraska's choicest farm land now on the market. The heaviest crop yielding county in Nebraska for ten years; alfalfa also a leading crop. Ask for folders and full particulars. Agents wanted everywhere. Write for our proposition at once. Railroad fares refunded if things not as represented.  
**FUNDINGSLAND & SEVERSON, Sidney, Nebraska.**

**SOUTHWESTERN NEBRASKA.**  
 Known in early years as a part of The Great American Desert. And now is rapidly being transformed into a prosperous, and very productive agricultural country. Better land for less money can not be found, everybody is wanting it, and Mr. Reader, remember the old adage, "The Lord for All and the Devil Get the Hindmost." Cast your lot with the former, by buying you a farm in Chase County.  
**THE CHASE COUNTY ABSTRACT CO., Imperial, Nebraska.**

**FREE LIST**  
 of Nebraska lands, in Chase, Dundy and Perkins Counties, ranging in price from \$6.00 to \$35.00 per acre. No crop failures since 1895. Your name and address on a postal card will do it.  
**IMPERIAL LAND CO., Imperial, Neb.**

**Land Bargains**  
 NEBRASKA, Colorado and Kansas lands, well located in Dundy County, Neb., Yuma County, Colo., and Cheyenne County, Kan. \$10.00 to \$25.00 per acre, for good smooth land. Some 640 acre relinquishments yet.  
**HAIGLER R. E. & INV. CO., Haigler, Neb.**

**NEBRASKA**  
 160 acres, only 4 1/2 miles from Benkelman. \$15.00 an acre, if sold at once. Has about 100 acres good corn land, and about 80 in cultivation. Telephone and rural delivery lines are right there; school 1 mile, one-half down, balance at 8 per cent. Other farms.  
**D. L. OUGH, Benkelman, Neb.**

**EXCHANGE COLUMN**  
**BUY OR TRADE**-with us. Send for list.  
**BERSIE REAL ESTATE AGENCY, Eldorado, Kansas.**

**FOR SALE OR EXCHANGE.**  
 Alfalfa land in shallow water district of Oklahoma in 40 to 640 acre tracts, \$20 to \$65 per acre. For particulars write  
**C. B. RHODES R. E. & INV. CO., 4400 Helst Bldg., Kansas City, Mo.**

**FOR SALE OR EXCHANGE FOR OTHER PROPERTY.**  
 17-room hotel, finished new throughout, in growing town; best hotel in town—practically no competition. Also some snaps in Gove and Sheridan County land.  
**D. A. BORAH, Cashier State Bank, Grinnell, Kansas.**

**TO EXCHANGE FOR KANSAS FARM.**  
 Suburban grocery stock will invoice about \$3,000. Will assume some on farm. Residence properties in Kansas City and 20 farms, Kansas and Missouri, ranging from 80 to 400 acres each to exchange.  
**J. K. REED REALTY CO., 628 N. Y. Life, Kansas City, Mo.**

**FOR SALE OR EXCHANGE, WEST CENTRAL KANSAS LAND.**  
 Wheat, corn and alfalfa lands, Lane and Gove counties, \$15 to \$25 an acre. Prices advancing rapidly. If you have a good trade to offer write us.  
**W. H. DAYTON Land Co., Abilene, Kan.**

**FOR SALE AND EXCHANGE.**  
 Kansas and Missouri farms for city property, stocks merchandise, and other farms. Describe what you have, will make you a good trade. List your farms for exchange with us. **K. R. Woodward Real Estate & Investment Company, 264 N. Y. Life Bldg., Kansas City, Mo.**

**FREE HOMESTEADS.**  
 Can locate you on 640 acre relinquishments in Nebraska or 320 acre government homesteads in eastern Colorado on main line of B. & M. R. R. Also fine deeded lands, town property and stocks of merchandise for sale or exchange. I make a specialty of exchanges. Real estate men send me your exchange lists.  
**M. W. M. SWAN, Haigler, Neb.**

## For Sale or Exchange

80 acres, well improved, all in cultivation, one mile W. R. town near Wichita, Kan. All A1 alfalfa land. Part in alfalfa now. Price \$100 per acre. Address  
**W. A. STOUT, Wichita, Kan.**

## TREGO COUNTY

Lands for sale or exchange; prices \$15 to \$40 per acre; also city property and stocks of merchandise. If you have good trade to offer, no matter where it is located or what it is, write us.  
**ED. PORTER LAND AGENCY, Wakeeney, Kansas.**

## TO TRADE

550 acre grain, grass, alfalfa and stock farm, close to good town, 100 mi. S. W. of Wichita, a fine combination farm, \$50 per acre, \$12,000 inc. 5 years, 6 per cent, want income property or merchandise for equity of \$15,500. Address  
**Box 382, Kiowa, Kansas.**

## FOR SALE OR TRADE

In farm land a clothing store, new stock, involving between \$7,000 and \$8,000, consisting of men's clothing, hats, shoes and furnishings. Store room 25x30 feet, modern front, good fixtures, rent \$35 per month, population about 2,000, situated in a growing coal mining town in southeastern Kansas with new mines being opened continually. The only exclusive clothing house in the town no middle men. Address  
**H. DEGAN, PITTSBURG, KAN.**

**TO EXCHANGE**—17-room hotel in southern Iowa to trade for cheap land or stock of goods. Several farms and city property to trade for stocks of goods. I can match any kind of a trade. **Henry G. Parsons, Lawrence, Kan.**

## FIELD NOTES.

**S. W. Tilley** of Irving, Kan., has for sale 10 head of as about as fine Hereford bulls as the writer ever looked at. They are from 15 to 20 months old and excellent individuals. They are nearly all by Mr. Tilley's great herd bull, Mystic Baron, the others by Soldier Creek Columbus. Among the dams of the bulls are Imp, Primrose, and daughters of Mays Keep On, Onward 18th, Bacharalaurate, etc. Mr. Tilley is making very low prices on these bulls. Mention Kansas Farmer when writing.

**Marshall Bros. Sell Duroc Glits** at Enid, Okla., May 31 to June 2nd.

The Mo. Wonder glits are the last that can be obtained, and they are good ones. No. 51 in our consignment is extra large, and should sell well. No. 52 is also an extra good one. No. 53 by Mc's Paul out of Jumbo Queen, is good and has exceptional scale. No. 54 and No. 55 are a good type with plenty of scale and should have many friends. No. 57 is a broad and arched back gilt with lots of scale and quality. In fact, all the Mc's Paul glits are extra good and have quality to spare. We have but 15 head in catalog, but will have 20 or more in the sale, including some two or three fall boars by King Wonder V. These fine yearling glits should be an attraction at the Enid sale—and when you arrive at the sale pavilion don't fail to look up Marshall Bros.' consignment. They are first class in every way and about the last chance to buy good bred glits this spring.

**A. B. Garrison Writes**  
 I have sold the big boar, Gold Metal, to Mr. John C. Halderman of Burchard, Neb. Gold Metal is the best boar I have ever owned and Mr. Halderman used excellent judgment in buying him. While \$250 may seem like a big price it is in reality a low price for this kind of hog. This sale was made through the personal work of your fieldman, Jesse Johnson.

**Nielson's Berkshire.**  
 Mr. J. M. Nielson, one of the most successful Berkshire breeders of Kansas, was visited at his home near Marysville, recently. Mr. Nielson has a fine lot of pigs nearly all by the herd boar Stalwart Duke 117874, the great young boar formerly owned by the Kansas Agricultural College. He is a son of Silvertips Revelation he by Revelation 86906. The dam of Stalwart Duke was the great sow, Hood Farm Duchess 18th 93300 tracing to Baron Lee 4th. If you would like to buy a gilt bred to Stalwart Duke write Mr. Nielson at once mentioning this notice.

## PUBLISHER'S PARAGRAPHS.

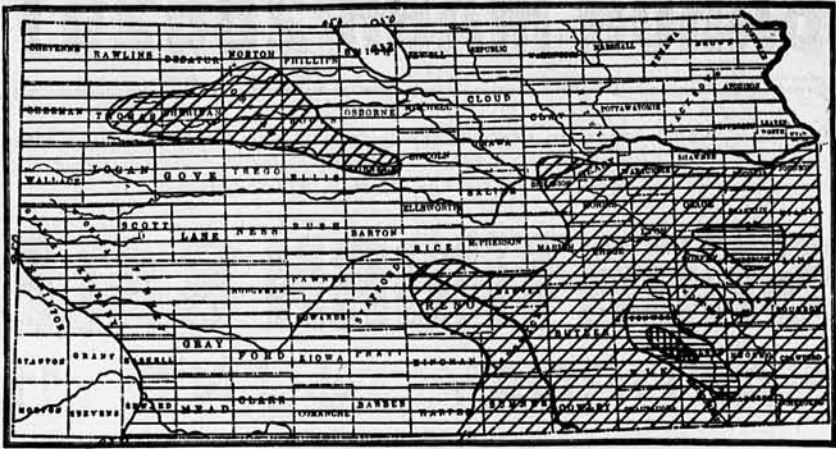
### Confidence Restored in Lightning Rod Protection.

There is at the present time a genuine renewal of interest in the matter of protecting buildings from lightning. Lightning rods on houses and barns are becoming the rule instead of the exception. Confidence is being restored. People are robbing their buildings who wouldn't have thought of it a few years ago. Unquestionably this restoration of confidence in lightning rod protection is due to the work of Prof. West Dodd, of Des Moines, Iowa, who has made lightning a study for more than 25 years, and who has perfected a complete system for the protection of buildings. Professor Dodd has not only perfected a system for controlling lightning, but he actually demonstrates that he does control it and that he can and does prevent the lightning stroke. Years ago he perfected electrical apparatus, now known as the "Dodd Thunderstorm," with which these demonstrations were made. It reproduced on a small scale the actual conditions of a real thunderstorm. Many thousands of people, individuals, conventions and assemblies, have witnessed the demonstrations. They have been convinced that Professor Dodd understands his business. They have seen just how and with what precision he does control lightning. They have been made to see with their own eyes that Dodd Lightning Rods are effective and they have been made to understand the reasons for it. The Dodd System of lightning protection and control is operated by Dodd & Struthers a company years ago organized in Des Moines, Iowa, for that purpose. Their advertisements, to which readers may well give careful attention, are now running in this paper. Look up the advertisement and write to the firm for their "Lightning Book," giving all particulars.

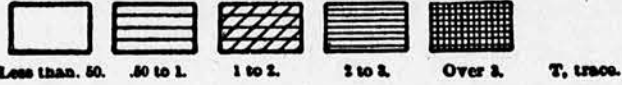


# WEATHER MAP

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



SCALE IN INCHES:



### General Conditions.

The weather has continued cool with a warm day on the 19th. Much cloudiness has prevailed, and showers have occurred on from two to four days. The rainfall has been ample, except possibly in the extreme southwestern counties, while in some of the southeastern counties the precipitation has been somewhat excessive.

### Reports by Counties.

**Eastern Division.**  
Allen—A cool week with an abundance of rain.

Anderson—Cloudy, cool and wet characterized the week.

Bourbon—Wet, cloudy and cool.

Chase—Too much rain. Farmers anxious to cut alfalfa, replant corn, and cultivate.

Chautauqua—The ground is in good condition but we need warmth and sunshine.

Coffey—The temperature has persistently remained low, though the ground is in very good condition. Crops need sunshine and warmth. Will be much corn to replant. Weeds doing well.

Douglas—Weather too cold for corn, which is turning yellow, cut worms doing much damage to corn. First cutting of alfalfa not very good and yield poor on account of being frosted and was cut early. Second growth of alfalfa already as large as the first.

Elk—Four rainy days. Too wet to work in corn. Sunshine and warmer weather needed.

Greenwood—Alfalfa all cut, yield good though somewhat damaged by rain. Heavy rain and hail Monday. Ground too wet to cultivate. Oats are good.

Johnson—Rain four days, total 1.23. Very seasonable weather. Thunderstorm 17th.

Marshall—Sufficient moisture for present needs. Garden seed planted a month ago is coming up. Pastures improving rapidly. Alfalfa doing well. A few farmers have finished planting corn. Somewhat too cloudy and cool to force vegetation.

Montgomery—Rainfall 1.70. Fine weather on wheat, oats, alfalfa and pastures. A little cool for corn. Light frost in bottoms on 19th.

Riley—Cool cloudy and wet week. Wabaunsee—Ground too wet to work. Corn getting weedy. Pastures improved. Gardens soaked.

### Middle Division.

Harton—Wheat oats and barley very much improved. Plenty of feed in pastures. First crop of alfalfa partly cut. Five partly cloudy days, two cloudy. Heavy hail in west part of county on 17th.

Butler—Conditions improving but warmer weather needed.

Clay—About 76 per cent of the wheat ground put in oats and corn; much of the remaining wheat is poor. Corn planting about finished; much of the earlier planting will have to be replanted. Alfalfa will soon be ready for the first cutting. All fruits badly injured by frosts.

### Best Sale of the Season.

The Poland China sale of Roy Johnston at South Mound, Kan., on Tuesday, May 17, was one of the best sales held this year. Buyers were present from Missouri, Kansas and Oklahoma. The crowd was hungry for bred sows and gilts, and the bidding was snappy all the way through. The 46 head of bred gilts sold for \$2,926, or an average of \$73.15 a head. Eight fall boars sold for \$276, or an average of \$34.50. The 48 head, mostly yearlings, sold for \$3,202. The sale was very satisfactory to Mr. Johnston and was considered by most all the breeders and fieldmen to be the best sale made this year in the corn belt, and being the last one we know of that will be held this spring, it should mark the record for the year. Col. R. L.

Dickinson—Too wet and too cool. Harper—Week somewhat cool, it opened and closed rainy. Rains have been gentle and, although light, moisture has been well absorbed. Higher temperature needed for corn.

Jewell—Enough moisture for present needs but weather would be better if warmer.

Kingman—Crops growing nicely and considerable fruit left. Rather cool for season.

McPherson—Corn coming up. First cutting alfalfa fair crop. Fine growing weather.

Marion—About half of the corn to replant, balance a good stand. Chinch bugs not doing anything now. Alfalfa ready to cut, some being cut.

Osborne—Week quite cool, good wheat weather. Wheat thin in places but otherwise looking fine. Corn planting about finished.

Pawnee—Excellent rains past week have left all growing crops in perfect condition so far as moisture is concerned. Fine wheat weather but too cool for corn.

Heno—Good rains this week have been of much benefit to all crops. Corn generally coming up well, except some early planted fields which have been replanted. Wheat and oats fair. Cherries, peaches and apples look well; strawberries poor.

Russell—Cool, cloudy week, warm on the 19th.

Smith—Week was warm and moist with 70 per cent of sunshine. Crops in fine condition.

### Western Division.

Clarke—Daily rains have put the ground in excellent condition.

Decatur—Wheat improving in the north part of county and in prime condition in the southern part—better than for many years. Spring grains growing finely. Corn planting nearly completed, corn starting nicely. Alfalfa soon ready for first cutting.

Gove—Fine week; some corn to plant yet. Wheat making record growth. Everything fine.

Hodgeman—The fine rains this week have put ground in very good condition.

Lane—Cool week—close to frost on two mornings. Fine shower; ground in good condition.

Norton—Corn planting finished. All crop in excellent condition. Early corn up.

Scott—Wheat looking fine and will make a good crop. Crop conditions are splendid. Much cloudiness. Good showers.

Seward—Plenty of moisture; crops doing well.

Thomas—Light frost on 17th; wheat and barley very promising. Corn planting nearly over.

Wallace—Wheat, oats and barley doing well. Corn coming up and looks fine. Many farmers planting corn. General conditions are good.

### Harriman and Col. John D. Snyder, assisted by a strong force of field men, conducted the sale. Following is a report of the sale in full.

### SOWS.

Lot 2—Hohenstein & Neal, Chelsea, Okla., \$150.

Lot 3—Hohenstein & Neal, Chelsea, Okla., \$175.

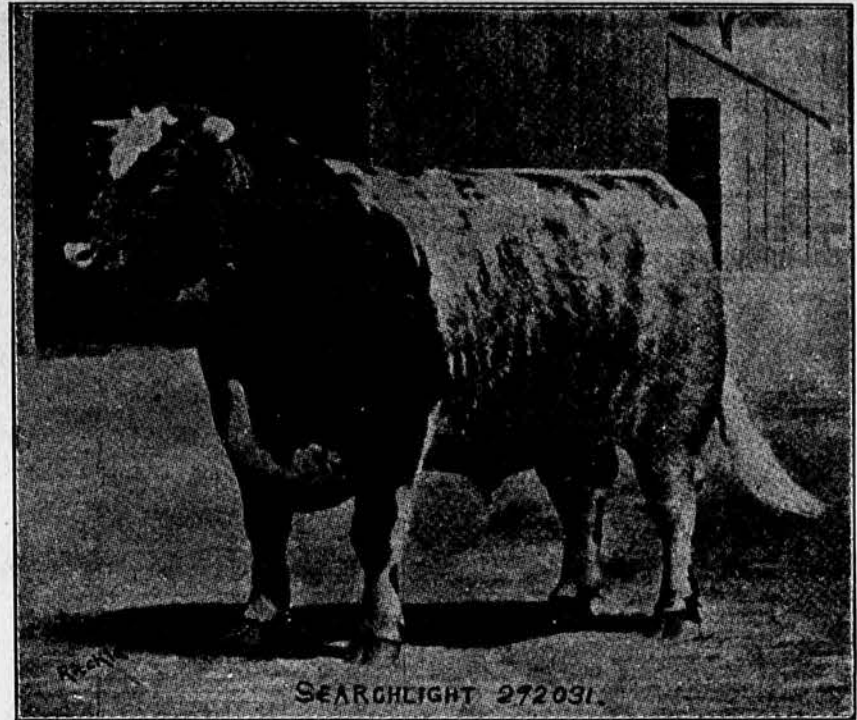
Lot 4—A. J. Erhart & Son, Adrian, Mo., \$100.

Lot 5—C. L. Johnson, Colgate, Okla., \$65.

Lot 6—Fred Johnson, South Mound, Kan., \$64.

Lot 7—Hohenstein & Neal, Chelsea, Okla., \$85.

Lot 8—W. B. Wallace, Bunceton, Mo., \$75.



On June 10, C. S. Nevius, Chiles Kan., will sell 30 high class Shorthorn cows bred to this great sire. See advertisement on another page.

- Lot 9—M. F. Stamate, Everton, Mo., \$60.
- Lot 10—D. M. Gregg, Harrisonville, Mo., \$142.50.
- Lot 11—A. J. Erhart & Son, Adrian, Mo., \$93.
- Lot 12—W. B. Wallace, Bunceton, Mo., \$75.
- Lot 14—D. M. Gregg, \$80.
- Lot 15—C. W. Neal, Chelsea, Okla., \$62.
- Lot 18—Hohenstein & Neal, Chelsea, Okla., \$100.
- Lot 19—B. Halford, Frederick, Kan., \$57.50.
- Lot 20—J. C. Stalter, Jasper, Mo., \$65.
- Lot 21—Lawrence Okeefe, Stillwell, Kan., \$112.50.
- Lot 23—M. F. Stamate, Everton, Mo., \$72.
- Lot 24—A. Jones, Parsons, Kan., \$30.
- Lot 25—Hohenstein & Neal, Chelsea, Okla., \$62.
- Lot 28—J. W. Peiphrey, Chanute, Kan., \$65.
- Lot 29—D. M. Gregg, Harrisonville, Mo., \$60.
- Lot 32—B. Halford, Frederick, Kan., \$55.
- Lot 33—J. C. O'Brien, Hepler, Kan., \$51.
- Lot 35—D. M. Gregg, Harrisonville, Mo., \$55.
- Lot 36—Henry Peiphrey, Chanute, Kan., \$50.
- Lot 37—C. W. Neal, Chelsea, Okla., \$42.
- Lot 38—E. B. Stall, Lone Elm, Kan., \$56.
- Lot 39—J. W. Peiphrey, Chanute, Kan., \$72.50.
- Lot 40—Bert Johnson, Erie, Kan., \$80.
- Lot 41—Hohenstein Bros., Chelsea, Okla., \$45.
- Lot 42—C. L. Johnson, Colgate, Okla., \$44.
- Lot 43—Lawrence Okeefe, Stillwell, Kan., \$70.
- Lot 44—Hohenstein & Neal, Chelsea, Okla., \$32.50.
- Lot 45—A. J. Erhart & Son, Adrian, Mo., \$65.
- Lot 46—J. W. Peiphrey, Chanute, Kan., \$70.
- Lot 47—D. M. Gregg, Harrisonville, Mo., \$70.
- Lot 48—Hohenstein & Neal, Chelsea, Okla., \$77.
- Lot 49—D. M. Gregg, Harrisonville, Mo., \$57.
- Lot 50—Bert Harriman, Pilot Grove, Mo., \$67.50.

### BOARS.

- Lot 16—H. L. McIntyre, South Mound, Kan., \$40.
- Lot 17—J. P. Pierce, St. Paul, Kan., \$24.
- Lot 22—Ed. Hall, Carthage, Mo., \$3.
- Lot 26—W. S. Ashby, Parsons, Kan., \$23.
- Lot 27—Alex Mudd, Winchester, Ill., \$29.
- Lot 30—C. L. Johnson, Colgate, Okla., \$45.
- Lot 31—Elmer Hicks, South Mound, Kan., \$25.
- Lot 34—John Murry, Humboldt, Kan., \$36.

### SUMMARY.

40 bred gilts averaged \$73.15.  
8 fall boars averaged \$34.50.  
48 head sold for \$3,202.

### 1910 BOOK FOR FARMERS.

Latest Edition of "Lightning and How to Control It" Being Issued From Lincoln, Neb.

"Lightning and How to Control It," the 1910 edition of which has been issued by W. C. Shinn, is the most interesting, money-saving book which the "Conqueror of Lightning" has ever put out since that title was given him by his thousands of staunch farmer friends.

The book deals with the various fascinating laws of nature as relating to lightning and its dangerous caprices. Mr. Shinn himself tells the story in a unique way which has won the praise of scores of critics and the actual scientific facts are confirmed by scientists who are authorities on lightning and electricity. Mr. Shinn tells why only the purest copper—such as is used in the famous Shinn Copper Cable lightning rods, is adaptable to a rod which has maximum electrical-carrying power.

The book is sent free to farmers and others everywhere, for the asking, a letter to Mr. Shinn at Lincoln, Neb., being all that is necessary to secure the famous book.

Mr. Shinn announces that this year he has taken out a \$75,000 bond which backs up his guarantees, made in all his advertising. He has told his friends that this bond is the absolute assurance of his company that all promises and guarantees will be fulfilled to the letter.

It is a notable fact that the Shinn legal guarantee, which is given with every set of rods, has made thousands of friends for the "Conqueror of Lightning."

### Shorthorns Bring Good Prices.

The sale of Shorthorn cattle held at Fredonia, Kan., Wednesday, May 18, by H. M. Hill, S. C. Hanna and Fred Cowley was attended by a large crowd of breeders and farmers. This was a Collynie demonstration and a large part of the offering was direct descendants of the noted sire, Imp. Collynie.

The offering was presented in prime useful condition. The helpers included in the offering comprised an unusually strong line of animals possessing very high individual excellence and exceedingly uniform quality. Robert Evans, who has been associated for some years with Mr. Hill, had the distinction of selling the highest priced animal in the sale, lot 15, the pure Scotch cow, Lady Emma by Captain Archer, with heifer calf at side by Ingle Lad, sold to C. S. Nevius, the well known Shorthorn breeder of Chiles, Kan., for \$530.

Some of the choice females sold at prices below expectations and several of the buyers received bargains. As a whole the general average on 38 head, \$125.50, was considered a fair sale. Colonel Bellows, Colonel Synder and Colonel Sheets were the auctioneers. Following is the report in full:

- No. 1—Lord Fame 305694, sold by S. C. Hanna to Joseph King & Son, Potwin, Kan., \$175.
- No. 2—Ingle Lad, Jr., sold by H. M. Hill to Fred Cowley, Hallowell, Kan., \$270.
- No. 3—Choice Collynie, sold by H. M. Hill to H. I. Gaddis, McCune, Kan., \$120.
- No. 4—Scotch Secret, sold by Fred Cowley to Isaac McDonald, Blue Jacket, Okla., \$105.
- No. 5—Prince Lovely 325448, sold by S. C. Hanna to Thomas N. Hogan, Belvidere, Kan., \$200.
- No. 6—Secret Abbottsburn, sold by H. M. Hill to Isaac Argo, Elk City, Kan., \$120.
- No. 7—Prince Inglewood, sold by H. M. Hill to E. W. Diddwell, Fall River, Kan., \$90.
- No. 8—Gloster 325443, sold by S. C. Hanna to E. M. Shields, Lafontaine, Kan., \$70.
- No. 9—Robin Rosewood, sold by H. M. Hill to M. A. Green, Coffeyville, Kan., \$70.
- No. 10—Archer's Prince, sold by H. M. Hill to B. B. Hamilton, Fredonia, Kan., \$65.
- No. 11—Good Day 325444, sold by S. C. Hanna to Thomas N. Hogan, \$125.
- No. 12—Slow Goods, sold by H. M. Hill to D. E. Ainsworth, Hamilton Kan., \$65.
- No. 13—Prince Archer, sold by H. M. Hill to F. G. Bursch, Buffalo, Kan., \$105.
- No. 14—Silver Captain, sold by H. M. Hill to Mrs. V. L. Polson, Fredonia, Kan., \$75.

### COWS.

- No. 15—Lady Emma 662733 and cow calf, sold by Robert Evans to C. S. Nevius, Chiles, Kan., \$530.
- No. 16—Princess Sycamore 46439, sold by S. C. Hanna to E. S. Myers Chanute, Kan., \$140.
- No. 17—Ingle's Secret, sold by H. M. Hill to Mrs. V. L. Polson, \$170.
- No. 18—Allen's Sarepta 5th 65, sold by H. M. Hill to George L. McFadden, Benedict, Kan., \$150.
- No. 19—Belle Collynie Vol. 62, P. 741, sold by S. C. Hanna to H. E. Bachelder, Fredonia, Kan., \$115.
- No. 20—Paquita (Vol. 66 P. 734), sold by S. C. Hanna to Joseph King & Son, \$125.
- No. 21—Grace Greenwood 13th, sold by W. F. Cowley to E. W. Leevey, Lafontaine, Kan., \$65.
- No. 22—Ingle's Briseis, sold by H. M. Hill to H. F. Peiphrey, Humboldt Kan., \$125.
- No. 23—Adella 36739, sold by S. C. Hanna to C. J. Woods, Chiles, Kan., \$80.
- No. 24—Royal Miss 46167, sold by S. C. Hanna to J. L. Morrison, Parsons Kan., \$90.
- No. 25—Princess Columbia, sold by H. M. Hill to J. W. Peiphrey, Chanute, Kan., \$170.
- No. 26—Sycamore Emma, sold by S. C. Hanna to C. S. Nevius \$145.
- No. 27—Collynie Briseis 46164, sold by S. C. Hanna to P. J. Hudson, Fredonia, Kan., \$110.
- No. 28—Lady Cowslip 36745, sold by S. C. Hanna to Joseph King & Son, \$100.
- No. 29—Lady Ingleside, sold by H. M. Hill to George L. McFadden, \$100.
- No. 30—Gazelle 8th, sold by W. F. Cowley to V. L. Polson, \$85.
- No. 31—Ingles Rosleaf, sold by H. M. Hill to C. J. Woods, \$80.
- No. 32—Secret Emma, sold by H. M. Hill to J. F. Stodder, Burden Kan., \$130.
- No. 34—Royal Maiden 73264 sold by S. C. Hanna to P. J. Hudson, \$75.
- No. 35—Olda's Rosleaf, sold by H. M. Hill to F. G. Bursch, \$80.
- No. 36—Poppy 115th 13671 sold by H. M. Hill to J. F. Horner Sycamore, Kan., \$165.
- No. 37—Maiden 46165, sold by S. C. Hanna to P. J. Hudson, \$100.
- No. 38—Lady White Wreath and cow calf (Vol. 63), sold by H. M. Hill to George L. McFadden and P. J. Hudson, \$110.
- No. 39—Fannie Airdrie 24th, sold by H. M. Hill to J. H. Downey, Coffeyville, Kan., \$65.





### Mitchell County Breeders' Association

DE. C. B. KERN, President. J. M. RODGERS, Secretary.  
 Nothing but first class animals offered for sale for breeding purposes.  
 Mitchell County Fair, Sept. 28, 29, 30 and October 1, 1910.  
 Premium List Ready June 1.  
 E. C. LOGAN, President. W. S. GABEL, Secretary.

#### SHORTHORN CATTLE.

**THE PURE SCOTCH BULL HIGHLAND** Laddy by Brave Knight by Gallant Knight heads our herd. Some fine young bulls developed for this fall's use. A young herd of real merit. **BRINEY & BRINEY, Beloit, Kan.**

**LOCUST GROVE HERD SHORTHORNS.** Up-to-date breeding with good quality. **ELMER C. CRETTZ, Route 7, Beloit, Kan.**

**BOOKDELL STOCK FARM.** Shorthorn cattle. Poland China hogs Silver Laced Wyandottes. **E. E. BOOKER & SON, Beloit, Kansas.**

**FOR SALE**—A few young Shorthorn cows and some young bulls ready for service. Best of breeding. Write for information and prices. **VINTON A. PLYMAT, Barnard, Kan.**

**HERD BULL, Royal Goods** by Select Goods by Choice Goods for sale; also young bulls. Herd headed by Dreadnaught. **MEALL BROS., Cawker City, Kan.**

#### HEREFORD CATTLE.

**W. B. & J. M. RODGERS, Beloit, Kan.** Breeders of Hereford Cattle and Berkshire Hogs. Quality before quantity. Come and see us.

**50 HEREFORD CATTLE,** comprising the H. B. Woodbury herd. Some famous cows in the herd; 8 young bulls of serviceable age for sale, 4 miles from Tipton, Kan., 8 miles from Cawker City. **JOHN SCHMIDT & SONS, Tipton, Kan.**

**100 HEAD OF HEREFORDS,** the home of Caster 259475, the winner in every big show he was ever in. A few choice young heifers and cows for sale. **F. L. BROWN & CO., Sylvan, Grove, Kan.**

#### PERCHERON HORSES.

**REGISTERED PERCHERONS** — The home of Vidouque (Imp.) 40163, also the brood mare Risette (Imp.) 51115. Inspection invited. Farm adjoins town. **E. N. WOODBURY, Cawker City, Kansas.**

**REGISTERED PERCHERON HORSES** in stud. Imported Rebelais 42529, by Casaque by Tehidus, who sired Callipao and Casino. Visitors welcome. **C. J. JOHNSON, Solomon Rapids, Kan.**

**THE HOME OF JAQUE W. 42659** by Tlatrey, dam imported Risette. Inspection of my Percherons invited. **RALPH G. MCKINNIE, Glen Elder, Kansas.**

**COLEDALE STOCK FARM,** the home of three first prize winners at the International. Nothing but the best in this herd. Come and see us. **FRANK A. COLE, Barnard, Kan.**

**GRANITE CREEK STOCK FARM.** Percheron and Standard bred horses. Make known your wants to **M. A. SMITH, Supt., Cawker City, Kansas.**

#### COACH HORSES.

**LAWDALE STOCK FARM,** Oldenburg German coach horses. International prize winning stock. A tried stallion for sale. Inspection invited. **JOSEPH WEAR & SON, Barnard, Kan.**

#### POLAND CHINAS.

**LEBAN CREEK STOCK FARM**—Poland Chinas, large herd to select from, fall pigs of both sexes for sale now. Not related. Can also spare a few bred sows. **E. C. LOGAN, Beloit, Kan.**

**EUREKA HERD OF PURE BRED** Poland Chinas and Duroc Jerseys. Bred gilts and sows all sold, but have a few fall boars and gilts of both breeds. Prices right. **W. H. SALES, Simpson, Kansas.**

#### DUROC JERSEYS.

**GOLDEN RULE STOCK FARM**—Choice bred sows and gilts for sale at prices to move them, best of breeding and individuality. Satisfaction or no sale. **LEON CARTEE, Asherville, Kan.**

**GOLDEN RULE STOCK FARM**—The best in Duroc-Jersey swine. Orders booked now for early spring pigs of either sex. **Pearl H. Ladgett, Beloit, Kan.**

#### HAMPSHIRE.

**HAMPSHIRE HOGS.** Always have stock for sale. Write for prices. **A. B. DOYLE, Beloit, Kan., Rural Route 1.**

#### O. I. C. SWINE.

Tracing to the famous Kerr and Big Mary families. No more females to offer. A few choice bred and open gilts for sale. **T. C. WRENCH, Beloit, Kan.**

#### AUCTIONEERS.

**COL. H. M. VanAMBURG**  
 General and Live Stock Auctioneer.  
**PHONE 943, BELOIT, KAN.**

**COL. F. L. SMITH**  
 General and Live Stock Auctioneer.  
**PHONE 434, BELOIT, KAN.**

# BARON MARR 28626 I

One of the best bred and best breeding sons of the famous \$5,000 champion bull, Cumberland's Last, five younger bulls and thirty-five very choice cows and heifers will go in my

## SHORTHORN SALE SATURDAY, JUNE 11

My last offering averaged nearly \$150 and was considered one of the best of that year, but here is an offering that in my judgment, is much more valuable.

Baron Marr, a Marr Roan Lady of extreme strength of breeding, would alone make it noteworthy. He is the most perfectly fleshed bull I ever owned; a beautiful roan, like his half brother, King Cumberland, and the calves are in the herd to show that he breeds his excellence.

Nearly three-fourths of the offering is made up of pure Scotch cattle, of the breeding which has given Shorthorns in the past decade, an unprecedented lead with cattle growers of this country. I especially ask attention to this feature of my catalog.

Another feature which I believe will meet the approval of many new, as well as older breeders, this year, is the number of young things with the right quality which have been brought along in shape to fit for the fall shows. Among these is my first Baron Marr heifer, a roan junior-yearling out of imported dam. She was calved in January, 1909.

Further particulars in the catalog and later advertising. I especially ask that everybody send for catalog and come to my sale, mentioning the Kansas Farmer.

## H. E. HAYES, OLATHE, KS.

Sale on farm joining town; twenty miles from Kansas City

# C. S. NEVIUS' SHORTHORN SALE

CHILES, KANSAS FRIDAY, JUNE 10

45 - HEAD HIGH-CLASS SHORTHORNS - 45

8 BULLS - 37 FEMALES

The bulls include a choice roan, out of Imp. Pavonia, by Blythe Conqueror. A red Butterfly bull by Gallant Knight—a herd bull. Another extra Butterfly by Captain Archer; also a junior yearling show bull by Prince Pavonia.

15 choice 2-year-old heifers, the balance young cows, all bred and well along in calf, 30 are bred to the show bull, SEARCHLIGHT. A large portion of this offering SCOTCH.

Write for catalog. Don't fail to attend this sale.

## C. S. NEVIUS CHILES, KAN.

Auctioneers—R. L. Harriman, John D. Snyder.



### HOG GROWERS

Wasson's Patent Rubbing Post for Hogs

Will rid Hogs of Lice, Scratches and Mange, spreads the dip as the hog rubs affected parts. For description and price write

**G. J. PAGE**  
 GENERAL AGENT,  
 COLONY, KANSAS  
 AGENTS WANTED.

### PERCHERONS REGISTERED.

A choice lot of two-year-old fillies in matched teams; will breed them to any of my herd stallions; will sell 10 or 15 yearlings all registered and of the best blood lines. Every animal sold sound.

**J. W. BARNHART, Mo.**

### BISMARCK GROVE SHETLANDS

PURE BRED BOTH SPOTTED AND SOLID COLORS  
**JOHN S. TOUGH, Lawrence, Kan.**

### Don't Have a Blind One



### "VISIO"

An Absolute Cure for Moon Blindness (Ophthalmia), Cataract and Conjunctivitis. Shying horses all suffer from diseased eyes.

A trial will convince any horse owner that this remedy absolutely cures defects of the eye, irrespective of the length of time the animal has been afflicted. No matter how many doctors have tried and failed, use "VISIO" under our GUARANTEE.

Money refunded if under directions it does not cure. \$2.00 per bottle, postpaid on receipt of price.

**VISIO Remedy Ass'n., 1951 Wabash Av., Chicago, Ill.**

### PERCHERON HORSES, HOLSTEIN-FRIESIAN CATTLE.

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

**H. N. HOLDEMAN, Meade, Kansas.**

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

### STALLION BARGAINS

Imported and Home Bred Belgian Stallions. Wolf & Cooper are offering reduced prices on choice Belgian stallions for next 20 days. All are good individuals and sold with an absolute guarantee. 2 of these horses won at the Belgian Horse Show at Brussels, Belgian. Call and see **DAVID COOPER, Manager, Freeport, Harper Co., Kansas.**

### ROSS FARM

A few Percheron stallions and 16 head of registered fillies in matched teams, two to four years old. Imported and American bred. They are now being bred to a 2,200 pound imported stallion that was a winner at the International last year.

Have 30 head of pure Scotch cows and heifers, all reds and bred to a son of New Goods by Choice Goods. Have sold all my pasture land and must sell my cattle. I am pricing them very reasonable. Come and see me.

**GEO. B. ROSS Alden, Rice Co. Kansas**