

KANSAS FARMER

For the improvement of the Farm and Home

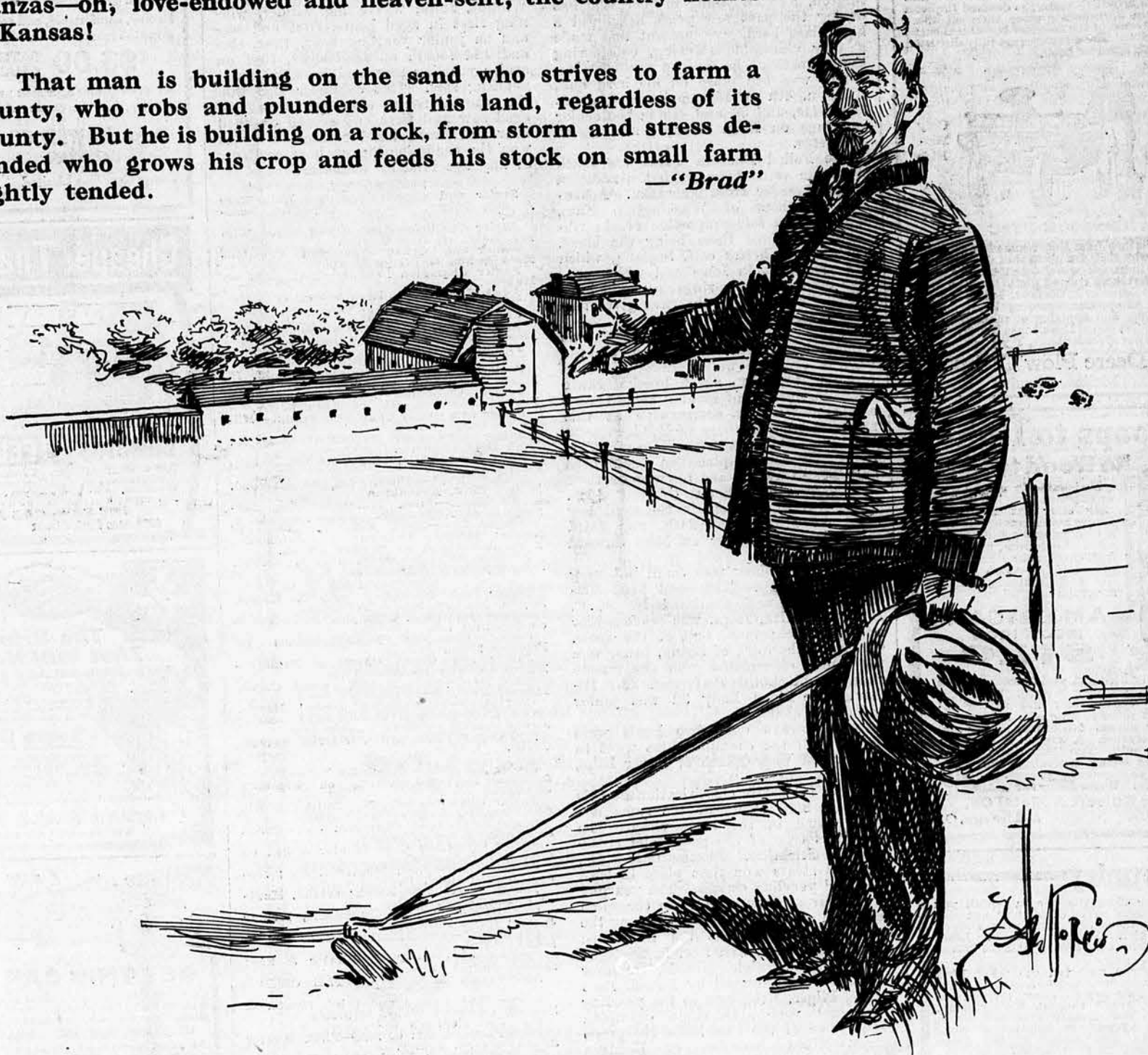
Volume 51, Number 38. TOPEKA, KANSAS, SEPTEMBER 20, 1913. Established 1863. \$1 a Year

IT is not battlement nor dome that makes a mighty nation. Time's proudest strength has been the home since dawn-tide of creation. The wealth that centers in the marts is transient, poor and fleeting, compared with gold of throbbing hearts where home lights flash their greeting.

I see them down the old home lane gleam out like gems of fairies, they twinkle far o'er hill and plain, they shine across the prairies. They tell the story of content in rich and rugged stanzas—oh, love-endowed and heaven-sent, the country homes of Kansas!

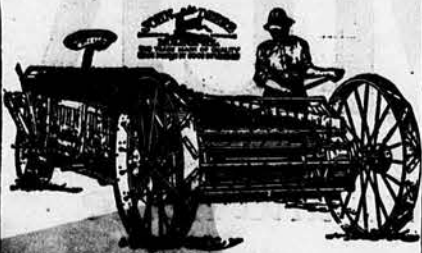
That man is building on the sand who strives to farm a county, who robs and plunders all his land, regardless of its bounty. But he is building on a rock, from storm and stress defended who grows his crop and feeds his stock on small farm rightly tended.

—“Brad”



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And all its driving parts are mounted on the rear axle. Power to drive it is taken from the rear axle through simple gears like those that have been used on horse-powers for many years. This construction is patented. You cannot get it on any other spreader.

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Together with the simplicity of the machine itself, make the John Deere Spreader light draft. There are many more reasons that have helped to make the demand for John Deere Spreaders greater than all those interested in the spreader business thought possible. These features are fully discussed in our spreader book.



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It tells how John Deere Spreaders are made and why they are made that way. It contains illustrations and descriptions of working parts and colored pictures of the John Deere Spreader in the field. It also has valuable information regarding the storing and handling and applying of manure to the land. Get one of these books free by asking us for our spreader book, Y 13

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OMAHA, NEBRASKA.

NEBRASKA STATE FAIR

At the Nebraska State Fair was gathered the largest collection of well fitted live stock of all kinds that has been seen at this fair during the last seven years. This large exhibit ought to be a fair indication of the prosperity of the live stock business in this and surrounding states. As at the Iowa State Fair the large number of small exhibitors in the draft horse classes was especially noticeable. While there were a number of dealers and importers in the list of exhibits such as Watson Wood Bros., Kelly of Lincoln, and North & Robinson of Grand Island, Neb., and Rhea Bros., Arlington, there were a number of small breeders who exhibited high class draft horses in some cases they had only recently purchased at what seemed to have been very long prices. The interest which the small farm breeder is taking in the producing of high class draft horses is most encouraging. It is evident that farmers generally are giving much more attention to the production of good horses and to a certain extent are supplanting or at least supplementing the efforts of the large dealers and importers in improving the class of horses being produced. There were twenty exhibitors all told in the Percheron class which was the largest class of draft horses shown.

The cattle breeders at the show seemed in specially good spirits. Market cattle are in great demand at high prices and indications are that breeders of pure-bred cattle have an era of prosperity before them. Practically every exhibitor who had any young breeding stock for sale was besieged for prices on them. The Shorthorn show was practically a Nebraska and Iowa show, fourteen exhibitors from these two states being listed. C. H. White, Burlington, Kan., a young breeder who has during the past few years developed a high class herd, was present and made a very creditable showing, considering the competition he was up against. Mr. White won 5th place on his herd bull, Richlieu, 4th on his aged cow Charm's Novelette, and 3d and 4th in the senior yearlings on Roan Heather and Sweet Novelette.

The Polled Durham show was much the same as at Iowa, with the addition of one breeder from Nebraska. Achenbach Brothers of Washington, Kan., again won a fair proportion of the ribbons, several of them being the blues. Their senior heifer calf, Sultana, which had won first in Iowa and which popular opinion at the ringside would have placed first in Nebraska, was given second place.

Four states—Missouri, Iowa, Kansas and Nebraska—furnished one of the highest class shows of Herefords ever brought together at Nebraska State Fair. A number of leading herds shown at Iowa were in competition at this show. Klaus Brothers of Bendena were the only exhibitors from Kansas. This firm won second place on their herd bull, Beau Onward, and likewise on their junior yearling, Beau Onward 15th. They also won second in the aged cow class on Miss Filler 24th, and third senior yearling heifer on Miss Onward 5th.

The Angus show was small but very high in quality. The aged bull, Kroman, owned and exhibited by A. C. Binney of Alta, Iowa, was made senior and grand champion bull of the show. Charles Escher, Jr., of Botna, Iowa, won the senior championship in the female class on Blackbird Perfection 2d. Escher's Blue Blood Lady 3d was junior and grand champion.

In Galloways only two herds were shown. All the championships went to the Capital View Ranch of Silver Lake, Kan.

In the fat cattle classification at this fair pure-bred steers of the same age were shown in the same class. The same was true of the grade and cross-bred classification. In the pure-breds, Hereford steers won first place in both aged and yearling classes. The yearling steer, Heir at Law, was made champion pure-bred steer of the show. Among the grades and cross-breds the Shorthorn steer, Sunny Jim, won first in the aged class, and Straight Goods, another Shorthorn steer, owned by Howell Rees & Son, Pilger, Neb., won in the yearling class and was also made champion grade steer of the show. In the grade calves Klaus Brothers of Bendena showed a steer which won second place, first going to the grade Hereford steer of Gibbons & Son.

The dairy cattle show at Lincoln was not large, but the herds shown were uniformly high-class. Three Jersey

herds were on exhibition, one being that of H. F. Erdley, Holton, Kan. Mr. Erdley was given third place on his herd bull, Castor's Splendid; fourth on his three-year-old cow, Fox's Silverine Rose; second on his two-year-old heifer, Gay Lad's Silverine, and fourth on yearling heifer, Gay's Golden Seal. In the heifer calf class he won third on Castor's Golden Bell.

Four herds of Holsteins were on exhibition. The herd shown by the State Indian School, Genoa, Neb., was specially commendable. Wilcox & Stubbs, Des Moines, Iowa, were the only exhibitors of Guernseys, and made an excellent showing of 20 individuals taken right from their working herd at home.

Thirty-four exhibitors were on hand with Poland China herds. Practically all of them were Nebraska breeders and showed big-type Polands. This state has established a reputation as the home of this large type of Poland China hog. The high quality shown by many of these boars weighing from 800 to 1,000 pounds was especially noticeable at this show.

A very large number of Duroc Jersey breeders from the state of Nebraska and a few from other states were present. A total of 740 head of hogs of this breed were exhibited. This is a larger Duroc show than was out at the Iowa fair the week previous. It is also fair to state that it was probably the best Duroc Jersey show ever assembled at a western fair. Kansas breeders were represented by John T. Higgins, Abilene, Kan.; John O'Kane, Blue Rapids, Kan., and Thompson Brothers, of Garrison, Kan.

A good showing of Chester Whites were on exhibition, 12 herds being present, all the exhibitors coming from Iowa and Nebraska. T. F. Kent of Walnut, Iowa, was a big winner, winning first in aged boars, first and second on junior yearling boar, first, second and fourth on aged sows, first on senior yearling sow, and first on junior yearling sow. This exhibitor also won the championship on aged boar and aged sow and first and second on aged boar and first on get of sire. He also won the championship on boar and sow of any age bred by exhibitor.

SHORTHORN.

Senior and Grand Champion Bull—Rees & Son, Pilger, Neb., on Whitehall Rosedale.

Junior Champion Bull—Owen Kane, Wisner, Neb., on Dale Clarion.

Senior and Grand Champion Female—Rees & Son on Violet Goods.

Junior Champion Female—Owen Kane on Isabelle.

Aged Herd—First, Rees & Son.

Young Herds—First, Kane.

Calf Herds—First, Kane.

Get of Sire—First, Kane on Double Dale; second, Rees on Ruberta's Goods.

Produce of Cow—First, Rees & Son.

POLLED DURHAM.

Senior and Grand Champion Bull—J. H. Miller, Peru, Ind., on Sultan's Creed.

Junior Champion Bull—Leemon Stock Farm, Hoopeson, Ill., on Loch Lochy.

Senior and Grand Champion Female—Miller on Lady Craven.

Junior Champion Female—Leemon on Loch Dale Roanette.

Aged Herd—First, Miller; second, Achenbach Bros.

Young Herds—First, Leemon; second, Miller; third, Achenbach.

Calf Herds—First, Miller; second, Achenbach; third, Achenbach.

Get of Sire—First, Miller on Sultan of Anoka; second, Leemon on Lochindale; third, Achenbach on Meadow Sultan.

Produce of Cow—First, Miller; second, Leemon; third, Achenbach.

HEREFORDS.

Senior and Grand Champion Bull—O. Harris, Harris, Mo., on Prince Perfection.

Junior and Grand Champion Bull—Harris on Repeater 7th.

Senior Champion Female—Harris on Princess 215th.

Junior and Grand Champion Female—Harris on Miss Repeater 11th.

Aged Herd—First, Harris; second, Curtis, Independence, Mo.

Calf Herd—First, Curtis; second, Harris.

Get of Sire—First, Harris on Repeater; second, Curtis on Beau Donald 75th.

Produce of Cow—First, Harris; second, Curtis.

JERSEYS.

Senior and Grand Champion Bull—Hunter & Son, Raymond, Neb., on Glenda's Champion.

Junior Champion—J. B. Smith, Platte City, Mo., on Stockwell's Champion.

Senior and Grand Champion Cow—Smith on Warder's Proud Beauty.

Junior Champion Cow—Hunter & Son on Gillivan's Price 2nd.

Graded Herd—First, Hunter & Son; second, Smith; third, Erdley.

Young Herd—First, Smith; second, Hunter & Son; third, Erdley.

Calf Herd—First, Smith; second, Hunter & Son; third, Erdley.

Get of Sire—First, Hunter & Son; second, Smith; third, Erdley.

Produce of Cow—First, Hunter & Son; second, Smith; third, Erdley.

AMERICAN JERSEY CATTLE CLUB

Cows—First, second and third, Hunter & Son on Glenda's Baby, Hebron's Inez and Hebron's Lilly.

Four Females, Get of Sire—First, Hunter & Son; second, Erdley.

Breeder's Young Herd—First, Hunter & Son; second, Erdley.

DUROC JERSEY.

Get of Sire—First, Waltemeyer Bros., Melbourne, Ia.; second, F. H. Allen, Tobias, Neb.

Produce of Sow—First, Waltemeyer; second, J. C. Waldo, DeWitt, Neb.

(Continued on Page Thirteen.)



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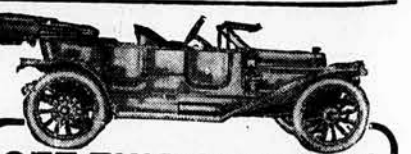
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KANSAS FARMER

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

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WHEAT OF 1913 GROWS.

That this year's wheat will grow and make good seed is the opinion of Professor Jardine, Dean of Agriculture of the Kansas Agricultural College. There has been some talk that this year's wheat would not grow. We do not know the foundation for the belief unless it be the result of germination tests conducted under conditions not favorable for germination and which principal condition is that the test was made under the high temperatures for some weeks prevailing. The most favorable temperature for the germination of wheat is around 75 to 80 degrees, while it is altogether probable that such unsatisfactory tests as are reported have been made around 100 to 110 degrees and under which condition wheat will mold before germinating and so germinate poorly. Professor Jardine's statement is made as a result of a number of careful tests of a large number of samples of this year's seed and these tests lead Professor Jardine to the belief that Kansas farmers are justified in planting well graded seed of this year's crop.

The dates for seeding wheat with the best prospects for a crop, and which dates have been determined by seeding tests conducted by the Kansas Experiment Station in many sections of the state during the past five years, are between September 20 and October 15. In the northern and western part of the state early seedings made the last two weeks in September have given the best results, and as one goes southward later dates up to October 15 are the best.

According to these experiments, together with the observations of the best wheat growers, there is plenty of time left in which to plant wheat under favorable conditions. Professor Jardine's advice is to wait until the dates above mentioned before planting unless rains have recently occurred sufficient to enable the farmer to put his land into good seed bed condition. It is our opinion that when the seed bed is in poor condition on account of lack of sufficient moisture, there is always more or less question as to when to sow wheat with the best prospects for a crop. It is our own judgment, too, that safe wheat seed methods do not justify the sowing of wheat in a poorly prepared seed bed and at a time when the ground is so dry that germination and continued growth will not result. The recent rains have practically removed for this year the wheat growing problems. Work down the seed bed until it is well packed and the surface fairly well pulverized. Sow good seed in such quantity as the best practice in the neighborhood has determined and trust to Providence for the rain and sunshine essential to an abundant harvest.

KANSAS MAKES GOOD SHOW.

As a rain-maker, the annual exhibition of the Kansas State Fair Association is without a rival. So think those who have followed the fairs given by this association. Last week for the third successive year its exhibition was rained upon—two days this year, each year at least two days and last year for three days—reducing its earning capacity by cutting down the attendance and by making the show appear at a disadvantage. Rains are nearly always acceptable in Kansas, as elsewhere, but rains while the show is on make hard sledding for the management. But the rain of last week was a welcome visitor and the Kansas State Fair Association has no differences with Providence on this account. Reports indicate that it was a general rain—not an even distribution of moisture over the state, but more or less rain throughout the state.

Quite a complete report of the State Fair at Topeka is contained in KANSAS FARMER—in this and last week's issues. The showing of agricultural products and of live stock was as good from the standpoint of quality, and almost as good from the standpoint of numbers,

as has ever been seen in Kansas. The live stock was particularly good in quality. The exhibit of farm crops was the real surprise of the fair. Few people could comprehend that such showing of farm crops could be made in Kansas this year. The showing of these products and the feeling of exhibitors is a good indication as to the real condition agriculturally in Kansas. While every exhibitor acknowledges that dry weather has injured Kansas this year, nevertheless the reports of eastern papers to the effect that Kansas has gone to the dogs was effectively controverted by the showing made in all departments. In the farm crops department conversation with the various exhibitors who produced corn, wheat, kafir, pumpkins, etc., equal to the product of a normal year, revealed lessons well worthy of note and which lessons KANSAS FARMER will in future issues endeavor to point out in an understandable way. The lessons of careful planting and use of good seed and thorough cultivation will stand out most prominently, and because care and good judgment were exercised in these lines the good showing in farm crops resulted.

LIVE STOCK INSURANCE.

It is said that Kansas lost nine and three-quarters million dollars' worth of live stock last year from disease. The loss last year was extraordinary; this, on account of the visitation of the horse plague. However, the preceding year the loss of hogs from cholera was extraordinary and the losses in each of the years named have only served to call the attention of the live stock grower to the tremendous total loss year after year from one disease and another, which affects the animals of the farm. It is certain that the patronage of competent veterinarians could to a considerable measure controvert this loss. However, the loss of live stock from one cause and another is probably as great, if not greater than the loss the farmer of Kansas sustains from any other source.

The farmer insures his barn and dwelling from loss against wind and fire. He insures his growing crops from loss against hail. The value of live stock on many farms is far in excess of the value of buildings and crops, yet

few farmers avail themselves of live stock insurance. We have in Kansas about 255 million dollars' worth of live stock, and disease unchecked cannot help but cause serious loss which will result in an astounding grand total.

The insurance of live stock is a somewhat new undertaking. However, it has been successful. Necessarily the premiums must be sufficient to warrant the existence of the companies insuring live stock and sufficient to warrant prompt payment of losses. Mutual live stock insurance has recently come into Kansas and has been inaugurated by a Kansas company insuring live stock against death from any cause and at a less rate and under more favorable conditions than have heretofore prevailed. This insurance may be provided in a so-called herd policy covering all of the ordinary live stock on the farm. Pedigreed and valuable animals are insured specifically and in a separate policy. The farmer may insure his grade animals of all kinds in a herd policy and his pure-bred pedigreed stock under another policy, or he may insure one and not the other. With the interest of the Kansas farmer more and more centered in live stock and the determination to increase his live stock holdings, warrants an investigation into live stock insurance.



THE ALFALFA WEEVIL.

Early last spring KANSAS FARMER gave considerable attention to a description of the alfalfa weevil and the possible damage it would do to Kansas alfalfa fields if it should find its way from Utah and other western states to the fields of Kansas growers. The articles in question gave methods of combating the weevil and contained the suggestion, too, that immediately upon the discovery of its presence in Kansas fields the information should be conveyed to the Entomological Department of the Kansas Agricultural College.

The Federal Department of Agriculture is responsible for the recent statement to the effect that the weevil has this year not spread itself over any considerable amount of territory beyond its range of occurrence last year. The work of the weevil, so far as is known, is restricted to Northern Utah, Southern Idaho, and Southwestern Wyoming. There is nothing to indicate the prob-

ability that the weevil has been or is being distributed in ordinary freight cars. However, since alfalfa from the above named localities will in all probability be used for feed farther east this winter, it is not at all unlikely that the territory affected by the weevils will be considerably enlarged another season, so it will be well to keep an eye open for the appearance of the weevil in Kansas next year.

A method of combating the weevil by cultivation, recommended by the Federal department, is as follows: "Cultivation of the alfalfa fields in the fall permits the moisture from winter rains and gathering snows to penetrate the earth, while the cultivation encourages early growth, and this early and more vigorous growth anticipates the appearance of the weevils in large numbers. At present it is necessary to cut this crop prematurely, but this advances the second crop so that the latter is harvested now only ten days later than the first crop was formerly mown for hay. After taking off the premature first crop, brush dragging and irrigation, where the latter is possible, not only reduces the numbers of the weevils but produces a much more vigorous second crop. The same follows for the third crop."

THE WHY OF LEGUMES.

Not long since KANSAS FARMER editor was asked by an eastern Kansas farmer why we were having so much to say about cowpeas. The farmer remarked that neither he nor any of his neighbors needed cowpeas because they had plenty of alfalfa.

The farmer was right. The man who can grow the alfalfa needed for all the live stock he can keep on his farm, does not need cowpeas unless he desires to improve the physical condition of his land and increase its fertility by growing cowpeas as a catch crop for hay or as a green manuring crop. The farmer with whom we talked was indeed fortunately situated, being able to grow all the alfalfa he needed. The man who is situated as this man, has every opportunity he needs to make money for himself and for his children. Alfalfa is the great forage crop and those farmers who have lands on which it grows abundantly have no need to worry about the next meal.

There are thousands of farmers in Kansas who, we believe, cannot grow alfalfa successfully and to whom is recommended the cowpea, the soy bean, Spanish peanuts and sweet clover. We verily believe that there is a legume for every known soil and climate. On some soils and in some climates the yields may not be heavy, but the legume is the plant needed by farmers generally. It is the absolutely essential plant in making pork, beef, and milk economically and in putting the cheapest and most growth on young animals, including horses and pigs.

Fortunate it is that only one pound of protein is required in the feeding of the milk cow as compared with four pounds of carbohydrates. The first named feed being found in the legume above named, and the last named being found in corn, kafir, cane and milo. Then we need approximately only one ton of feed produced by legumes as compared with three or four tons of the carbohydrates.

Since the feeding experience of the ages shows that no substitution can be made which will take the place of protein feeds, and since there is a legume for every soil and every climate, the above are some of the reasons, crudely set forth, as to why KANSAS FARMER keeps pounding away on the necessity of alfalfa, cowpeas, Spanish peanuts, and sweet clover. Our remarks need not be taken in the nature of our advice. These words reflect the experience of the best and most successful farmers and being such, they should have more weight than the advice easy to give and which costs little. Our idea is to get our readers to think along the lines of which we write. Thinking means to act.

WHETHER short of feed or not, it will pay to make an effort to grow fall and winter pasture. You can't tell what kind of a fall and winter we will have.

Rye and oats seeded at once will give the earliest fall pasture—the oats will kill out during the winter but the rye will give winter and spring pasture. An open fall and winter, with pasture, will be a big help,

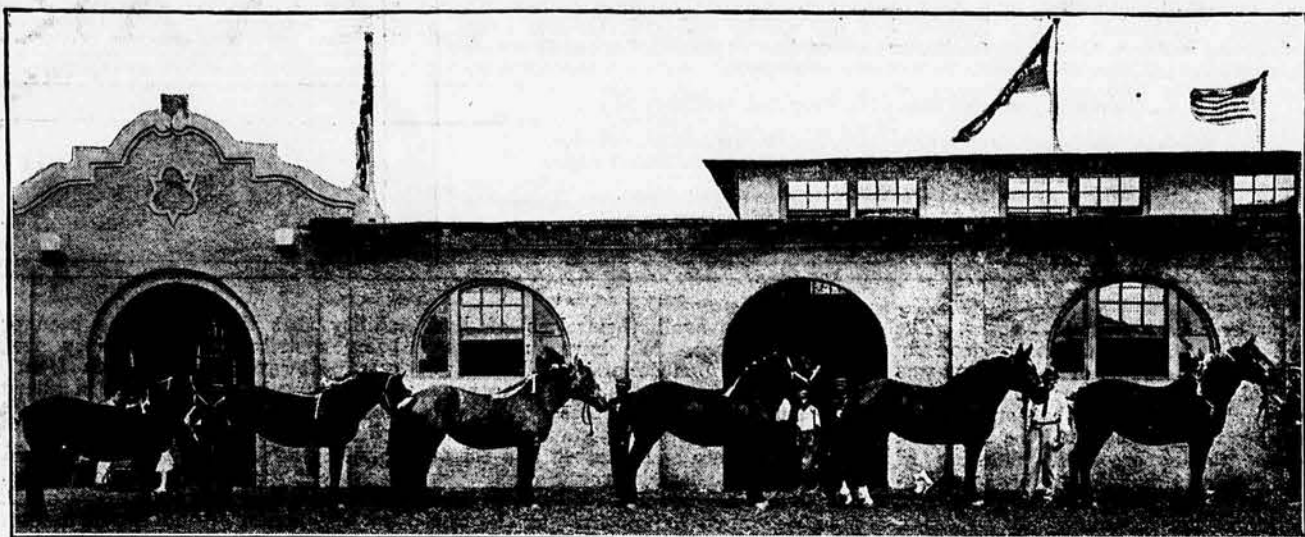
Our feed propaganda is fairly swamping us with letters. We have cited a number of inquirers to ranges and their cattle are on the way.

We have located a good many farmers who have feed to sell—but who think the prices will be higher and who do not now care to sell. This situation slightly "chocks" the wheels of our plan but if necessary alfalfa and prairie hay may be bought outside the state and we will refer inquirers to such localities when it becomes necessary so to do.

It will help, too, if the farmers in a community will co-operate in feed buying—determine how much and what kind of hay and grain the community needs and so be able to buy more expeditiously.

Let KANSAS FARMER hear from you along the lines heretofore stated on this page.

FAIR AWARDS AND COMMENT



SHOWING OF PERCHERON MARES STRONG FEATURE OF HORSE SHOW AT STATE FAIR, TOPEKA.—LEE BROTHERS OF HARVEYVILLE, KANSAS, OWNERS OF GROUP OF MARES SHOWN ABOVE, FOUND PLENTY OF SHARP COMPETITION.

Live Stock and Farm Crops Showing at Topeka Surprises Even Most Optimistic Kansan Rain Spoiled Two Days of Show But Never-the-less was Welcomed by All

THE fair at Topeka is no longer a place where a few agricultural products and a little live stock form the chief and only attractions to be seen. It has grown in every department until it is an exposition in the fullest sense of the word. The number and character of the exhibits and the wide range covered, as well as the smooth machine-like precision with which every department of the fair has moved, justly entitle it to a place among the big fairs of the Middle West. In its various exhibits it touches every phase of human life. Practically everything is centered around agriculture, the fundamental occupation, but this exposition by no means confines itself to the material things of this great calling. The higher and cultural phases of life are touched, as well as the more material things. The management have a feeling of satisfaction in that the 1913 fair, just closed, was of a character to fully justify the claim that this fair has taken a place among the big expositions of the land. This year this fair has at least achieved one claim for distinction which cannot be claimed by any other fair so far held this season. It is the first big fair to connect with a really big soaking rain. Even the Iowa fair, which usually considers it almost a foregone conclusion that there will be a few rainy days, had nothing but sunshiny days during the whole time of the fair. During the fore part of the week the Topeka fair had weather specially suited to the occasion. The blistering heat of the first week of September gave way to clouds and cool breezes. The rain which we have been so long looking for in Kansas finally began in good earnest late Wednesday afternoon and continued through the night and part of Thursday. While rain is considered one of the most discouraging things to a big fair, there was little complaining or expression of inconvenience as a result of the rain of last week. Some few of the exhibits were somewhat inconvenienced by water accumulating on the ground under the tents, but all seemed to take it with extreme good nature. Practically all the judging of the live stock had been completed by Wednesday night, only a few classes being left over. These were necessarily judged in the alleys of the big cattle barn, since the tented pavilion provided for judging purposes was too wet and sloppy to be used.

The exhibits in agricultural hall were so much superior to what anyone could possibly have expected that much comment was heard from those visiting these exhibits as to the high character of the products shown. Even the county exhibits, which have always been such a strong feature of the show in agricultural hall, were out in as large numbers as formerly. While large exhibits of corn were somewhat lacking, so many other agricultural products were arranged in these exhibits as to cause the spectator, for the time being at least, to almost forget that corn is considered one of the staple agricultural products of our state. One new county was out with an exhibit this year which was extremely creditable considering the fact that it was gotten together almost on the spur of the moment. Coffey County was the new exhibitor in the ring, and while the exhibits were smaller in number and

failed to show such a wide variety of agricultural products as were shown by some of the counties regularly in the game each year, this exhibit attracted a great deal of attention. Some especially good corn was shown by this county. William Vasey, who had charge of the exhibit, was asked hundreds of times whether the corn in this exhibit was raised this year or not. The alfalfa exhibits made by all the counties were especially good. These county exhibits are judged on the basis of a carefully worked out score card, which is so arranged as to give due credit to the several different features of importance in a group exhibit of this kind. The judging was done by William James of Rochester, Neb., who is superintendent of the agricultural department of the Nebraska State Fair. Franklin County won the first prize for the best county display. This exhibit was in charge of R. G. Wheeler, who is an old hand in the business of arranging and setting up such agricultural exhibits. Jefferson County came in for second place. This county had an especially attractive exhibit from the standpoint of artistic arrangement. One of its most noticeable features was the splendid map of Jefferson County done in seeds of different colors, showing all the townships of the county. This map also won a special prize. Leavenworth County, which for several years has secured first place in the showing of county exhibits, fell to third place. This county has in years past made a very strong showing in corn and the various grains. This year the exhibit was somewhat weaker in this respect. Coffey County came fourth, and Wabaunsee County fifth. Shawnee County had a splendid exhibit, but according to the rules was not allowed to compete for the prizes offered for exhibits by counties. The exhibit of native grasses arranged in the Shawnee County exhibit were worthy of special note, as were also the exhibits of various garden vegetables. Mrs. H. T. White, of Seabrook, took a very active part in getting together this exhibit. In the vegetable display Shawnee County easily ranked first. One exhibit which was made by this county attracted considerable attention, namely, that of the new grain, feterita. This grain has unusual drought-resisting qualities and in a season such as we have had this year these qualities have stood out very prominently. It is questionable whether in ordinary years this grain has any advantages over the old standby, kafir. The grain very much resembles milo. One exhibit was made from a field which produced 35 bushels of grain per acre, and it was claimed that this field had not received a drop of rain during the growing season. An exhibit of this grain was shown from Herndon in Rawlins County, which made 40 bushels per acre under the same conditions, where kafir and milo resulted in almost total failure from the grain standpoint. W. J. Rickenbacher, who is superintendent of agricultural hall, feels that the display of farm products, considering the season, was unusually good. Many visitors who passed into this hall were heard commenting upon the high character of the exhibits for such a year as we have just passed through.

A splendid individual farm exhibit was made by J. H. Ginter of Riverview Farm, Shawnee County. This exhibit

contained a most excellent and varied display of farm products, and was given first place by the judges. Ira W. Orner of Oakland received second place in the individual farm exhibits.

In the north wing of the agricultural hall the exhibit of the dairy division was placed. This exhibit was in charge of George S. Hine, who is state dairy commissioner. One of the most impressive features of this exhibit was the comparative butter production of the Holstein cow, Maid Henry, owned by the Agricultural College, and the butter production of the average milk cow of the state. This was graphically displayed by piling up in pyramid form the tubs necessary to hold 835 pounds of butter—that being the amount produced in one year by Maid Henry—and by the side of this pyramid of tubs standing seven feet high was set the two or three tubs required to hold the 135 pounds of butter, which is the production of the average milk cow of the state. Scales for weighing milk, with a record sheet, and Babcock tester, were on exhibition also, showing how to tell to which class the dairy cow belongs. Milk coolers, sanitary pails and other apparatus necessary for the production of clean milk, were shown. Near the dairy exhibit various kinds of hand cream separators were shown, including the DeLaval and Beatrice. The Continental Creamery Company again entered a fine piece of statuary done in butter. This work of art represented a cowboy mounted on a bucking broncho. A guessing contest was arranged on this exhibit, guesses on the number of pounds of butter required for the piece of work being made in large numbers by visitors. Quite a large number of exhibits of butter and milk were entered, although these exhibits should by all means be a hundred times greater in number than they were.

On the opposite side bees and honey formed a very attractive exhibit. Several very interesting exhibits were made in this department.

The Agricultural College again had a splendid educational exhibit staged in the west end of agricultural hall. This exhibit was arranged in fourteen boxes, which were stood on end with the lids opened out. Every department of the college and experiment station work was represented. The most striking results of the experimental work in feeding cattle, horses and other stock, were graphically represented. The work of the students in the domestic science and mechanical departments was on exhibition in these boxes. Samples of noxious weed seeds were shown, as were also methods of handling and selecting seeds. The wonderful results secured by the proper preparation of land for wheat production were presented in one of the boxes, the great difference, resulting from different methods, being graphically shown by quantities of wheat arranged in small boxes with glass fronts. This exhibit, as a whole, was one that required the most careful study to make it of the greatest service. It was in charge of A. S. Neale of the Extension Division, who was on hand constantly to answer questions regarding the various features of the exhibit.

Mississippi and Florida had agricultural exhibits inside the agricultural hall, and just outside was a small tent which contained an exhibit from the

State of Wisconsin. This exhibit was in charge of B. G. Packer, commissioner of immigration of Wisconsin. It is part of a regular campaign that state is making to show up the agricultural possibilities of the logged-off lands of the northern part of the state. Similar exhibits are being made at a number of other state fairs. Some splendid apples were on exhibition in this tent, as well as many fine exhibits of native grasses, alfalfa, barley, wheat, oats, and a fine display of garden vegetables such as can be produced in Northern Wisconsin. This is the first time that an outside state has ever sent an agricultural exhibit to Kansas.

The fine arts building was full to overflowing. One side was given over entirely to the textile show. This included many varieties of fancy needlework, some very unusual and fine specimens being on exhibition. From the overcrowding of this department it is evident that more space will have to be given to these exhibits another year. The fine arts department also had a large collection of exhibits, including oil and water color paintings with numerous pencil and ink sketches. The china painting display was especially good. Also a number of articles of hammered brass were on exhibition. These departments of the fair were usually crowded with women visitors who were making a careful study of the fine exhibits shown.

A number of manufacturers' and merchants' exhibits were on display in this building, including the Warren M. Crosby Company, Crosby Brothers, and the Mills Dry Goods Company. The Van Horn Planing Mill had on exhibition a model house, complete in all its details. A splendid line of made-over rugs was shown by the O. McCormick Rug & Carpet Cleaning Works.

The space between the fine arts building and the grandstand was given over almost entirely to the display of farm machinery of various kinds. One of the most important features of this part of the exposition consisted of a large number of gas tractors of the various kinds. The Avery Company had two or three of its tractors, one being shown in almost continual operation pulling a gang of plows equipped with an automatic lift, which made it a one-man outfit. This same company showed one monster 40-horsepower tractor large enough to pull a big threshing machine or a large number of plows. Farm trucks were also shown. A full line of automobiles of the Glide make were on exhibition. The J. I. Case people were also represented with a line of tractors, including one big Wallis engine. Fairbanks-Morse had on exhibition a big oil tractor and many other types of gasoline engine adapted to various purposes. The Road Supply & Metal Company of Topeka showed one of the most complete lines of improved road-making machinery that has ever been shown at the Topeka fair. The great interest in the improvement of roads at the present time is undoubtedly stimulating the manufacture and sale of various machines of this kind. The International Harvester Company had on exhibition a full line of manure spreaders, trucks, separators, pump jacks, engines, feed grinders, drills, and one monster oil tractor. The necessity

(Continued on next page.)

KANSAS' BEST FOOT FORWARD

Large Number of Entries and The Superior Quality Make Awarding of Premium Difficult for State Fair Judges at Topeka



REPRESENTATIVE GROUP OF HOLSTEINS SHOWN AT STATE FAIR, TOPEKA. — SELECTED FROM ONE OF SEVERAL STRONG EXHIBITS.—BULL AND FOUR COWS ARE FROM BUTTER-BRED HERD OF J. P. MAST, SCRANTON, KANSAS.

THE judging of the live stock began promptly at 8 o'clock Tuesday morning. The horses were all judged in front of the grandstand, which furnished a most interesting show to the spectators on hand at that hour. The greatest attraction of the fair in the forenoons on Tuesday and Wednesday seemed to be around the judging rings of horses, cattle and swine.

The horses were judged by C. R. Taylor of Williamsville, Mo. The most noticeable feature of the horse show was the strong showing made by the smaller breeders. Only two large importers were in the contest—L. R. Wiley of Emporia, and Kirk & Penick of South St. Joseph. While these two exhibitors secured many prizes, some of the most coveted awards of the show went to the small breeder and exhibitor. The small breeders were especially strong in the mare classes. Lee Brothers of Harveyville had on exhibition one of the strongest shows of breeding mares that has ever been out at the various fairs. P. G. McCully of Princeton, Mo., had a string of fine Percheron mares which made a creditable showing, the aged mare shown by this exhibitor being first in class and also reserve grand champion of the show. Lee Brothers' iron gray three-year-old mare, Marcelene, took grand championship honors. This exhibitor also won the silver cup for best American-bred stallion and four mares. Lew Jones of Alma, Kan., had only three horses on exhibition, one of them being a splendid iron gray three-year-old Percheron stallion which won first in his class and was later made reserve champion stallion of the show, the championship going to Insolent, a splendid black stallion exhibited by the Kirk & Penick firm of South St. Joseph. Mr. Jones also had on exhibition Medor, one of the best Belgian stallions ever shown at Topeka. This massive three-year-old moved as easily as a pony, in spite of his great weight. There was little competition in Belgian horses, but this horse was good enough to win in a strong class. Medor was made the champion Belgian stallion of the show. In the showing of the special hitches, five teams were shown in the two-horse teams. Lee Brothers took first place with their grand champion mare, Marcelene, and Lucie, a two-year-old mare, in quality and finish even superior to the grand champion mare. A four-horse hitch was shown, also being won by Lee Brothers. The showing of the special hitches constitutes one of the most interesting and entertaining features of the horse show. A large crowd was attracted to the ringside during the showing of these classes. The showing of Shetland ponies came in for a great deal of attention in this line. There were three exhibitors showing, including R. T. Kreipe, C. D. McPherson and Mrs. R. J. Foster, all of Topeka. The ponies were shown in single hitches, double, tandem, and four-in-hand. The spectators found even more excitement in watching the showing of the ponies than the big drafters. The competition in some of the classes was very close, and it required considerable driving and showing to enable the judge to decide where to place the ribbons.

In the cattle department the judging started off promptly Tuesday morning with Jim Tomson, the well-known Shorthorn breeder of Carbondale, working in the Shorthorn classes; William M. Hutcheon of Bolckow, Mo., picking the winners among the Herefords; and C. F. Stone of Peabody, a well-known breeder of Holstein cattle, judging the dairy cattle.

The showing of Shorthorn cattle was a remarkably strong one. The two herds from Nebraska and the one from Iowa were in the pink of condition. In fact, from that standpoint they had the Kansas breeders somewhat bested. When it came to the final showdown, however, the Kansas breeders, in spite of the handicap of adverse weather conditions during the fitting season, were able to secure a goodly portion of the honors and prize money. The Owen Kane herd of Wisner, Neb., furnished the strongest showing in the young classes, this exhibitor winning first in practically every class in which he had entries. Double Dale, the sire at the head of this herd, is undoubtedly a remarkable breeding bull, judging from his get, which formed the greater part of the show herd of this exhibitor. When it came to the placing of the bull championship a change was made from the Nebraska placing, Dale Clarion, the white junior bull calf, being moved down to third place, and Radium, the junior yearling, placed at the head. This exhibitor also secured the junior and grand female championship of the show on his Betty Dale. H. H. Holmes of Great Bend, Kan., brought in a remarkably well-fitted herd, considering the conditions which have prevailed in that territory the past year. In the Kansas classes Mr. Holmes won first on his senior bull calf, Echo's Good. Winsome Lady, junior yearling shown by this exhibitor, sired by Gallant Knight's heir, was the junior and reserve champion female of the show. C. S. Nevius winning senior and grand championship on the Kansas bull classes on his Prince Valentine 4th. Considering the fact that he had only two animals on exhibition, Harry Forbes of Topeka did remarkably well in the Shorthorn show. He won second place in the Kansas class with his senior bull calf, and first with his senior heifer calf. C. H. White of Burlington also made a good showing, winning first in the open class on his beautiful senior yearling, Sweet Novelette. His other senior yearling, Roan Heather, stood third in this same class. Considering the competition which he was up against, Mr. White feels he made a splendid showing. These two heifers which he showed in this class were both worthy of a place in fast company. They are so good the judges have hard work telling which one is the better of the two, Roan Heather being placed over Sweet Novelette at the Nebraska show. Mr. White's aged cow, Charm's Novelette 4th, stood fourth in the open class. This cow has been shown a good many times, and with abundance of high-class competition, and has never been placed lower than fourth. The Shorthorn show was easily the chief attraction of the cattle show in the big barn. There were absolutely no tail-enders on exhibition. A number of spectators who had visited several of the other state fairs were heard to remark that for general high quality and evenness the exhibition of Shorthorn cattle at Topeka was far superior to that of the Iowa fair and at least equal to the Nebraska show. The great interest being taken in the improvement of the cattle of our state cannot help but add to our general prosperity. Too long our farmers have been producing inferior animals on the farms.

The Hereford show, which was going on at the same time the Shorthorns were being shown, attracted its fair share of attention, the exhibits being of extremely uniform character. Curtee, the Missouri exhibitor, had a little the best of the showing in most of the classes. This exhibitor secured all the

championships, although closely pressed in a number of classes by Hazlett of El Dorado, Klaus Brothers of Bendena, and Jones Brothers of Council Grove.

The dairy cattle show was easily superior to any similar show that has ever been staged at the Topeka fair. The large number of spectators interested in the dairy cattle was also a noticeable feature of the show. In the past the beef cattle have attracted a far greater proportion of the interest than at this show. It is evident that the well-bred dairy cow is being given more and more consideration in our state. Here, as in other live stock classes of the show, Kansas exhibitors were able to hold their own with the herds from outside the state. F. G. Laptad of Lawrence is one of the new Jersey breeders who made a good showing against very sharp competition. S. B. Smith of Platte City, Mo., has one of the very strong dairy herds of the Middle West, and in competition with this herd Mr. Laptad's aged bull, Nora's King Lambert, was given second place, H. F. Erdley of Holton, Kan., another strong exhibitor, being crowded down to third. Mr. Laptad also in a strong class of aged cows with fourteen in the ring, secured third place on his Tucker's Lass 2d by Grand Marigold. Zinn & Doran of Topeka also showed a very strong string of Jerseys. They won the senior and grand championship on their imported cow, Sultan's Celia, and junior championship on Majesty's Design, whose mother is Owl's Design, the famous Jersey cow owned by the Agricultural College and having the seventh highest record of any Jersey cow in the United States and first in Kansas. The Holsteins were out in numbers also, with strong herds, the Butter-Bred herd of J. P. Mast of Scranton being the strongest herd shown. In one or two classes, however, Charles Holton & Sons of Topeka secured first place. This latter firm won the junior championship in both bull and heifer classes. R. C. Obrecht of Topeka, proprietor of Fairlea Dairy Farm, had on exhibition his yearling Guernsey bull, showing him in competition with the Wilcox & Stubbs entry. To a number of the ringside spectators it looked as though the Obrecht entry should have had first place in this class, but the judge, Mr. Stone, thought differently, placing the Wilcox & Stubbs entry first and Obrecht second.

The hog show, while smaller in numbers than in previous years, was of such uniformly high quality that the sharpest of contests were developed during the judging. E. E. Axline of Independence, Mo., placed the ribbons in all classes. The J. C. Meese herd of Nebraska was the strongest Poland China herd on exhibition. This herd is distinctly of the large type, but showed remarkable quality in spite of this fact. There were no tail-enders on exhibition in the whole Poland show, and the interest of the spectators remained keen until the last ribbon had been hung. Chester Whites also furnished a classy showing, the herd shown by S. D. and B. H. Frost of Missouri furnishing exceptionally strong competition in all classes. This herd shows a remarkably uniform type of hog all the way through. In a few classes Waltaire and Gage were able to get to first place, the most notable winning made by Gage being that of grand championship sow of the show, won on the under twelve months gilt. The Berkshires and Duroc Jerseys also furnished a remarkably uniform bunch and attracted their share of attention while Judge Axline was picking the winners. In the Durocs the honors were

about evenly distributed between Searle & Cottle of Topeka and Danford & Dunhurst of Nebraska. The Kansas exhibitors were somewhat handicapped owing to the difficulty of properly fitting hogs during the extremely hot weather which has prevailed through the past season.

This year's live stock show of the Topeka State Fair goes on record as one of the best, from the standpoint of the high quality of the exhibits shown, that has ever been held. The judging was finally completed Thursday morning, the last classes judged being the Galloways, in which there was little competition, and the fat classes. The Agricultural College had the largest exhibit of steers and made the strongest winnings, securing first in class and championship for best steer of any age on the pure-bred Hereford yearling, Beau Talent. In the calf classes eight head were shown. The college won first in this class on College Boy, the smooth, compact, red calf sired by the new college herd bull, Matchless Dale, and out of a Gallant Knight cow. Hall of Missouri won second place in this calf class on a pure-bred Shorthorn steer, and K. S. A. C. third on a pure-bred Angus steer. In the steer groups consisting of three individuals the college won both first and second, with Herkelman of Iowa third.

The live stock show closed with a grand parade of all premium stock at 11 o'clock Friday, the last day of the fair. The sky had cleared and the atmosphere was cool and refreshing after the rain, and this feature of the show was pulled off before a large crowd of out-of-town visitors who had remained over to attend the fair on the final day.

Fair Awards and Comments.

(Continued from Preceding Page.)

of looking after the maintenance of soil fertility has aroused interest in the spreading of straw, and the Manson-Campbell Company of Kansas City had on exhibition a straw spreader which attracted a great deal of attention. Silos and silage machinery attracted a great deal of interest. The Perfection Metal Silo Company of Topeka had a full-sized silo on exhibition, and several wood silos were shown, including the Indiana, the Hinge-Door, Unadilla, and the Hoopless Wood Silo, which is represented by the Curry Silo Company, local agents at Topeka. The Silberzahn silage cutter was shown, and also the Papec silage cutter. Among other exhibitors were the American Steel & Wire Company, Western Co-operative Auto Supply Company, Valk Manufacturing Company, Empire Cream Separator Company, Kansas Motor Car Company, Tip-Top Concrete Mixer, Garden City Feeder Company, Emerson-Brantingham Company, Reeves & Geiser Farm Machinery Company, U. S. Gypsum Company. Something was doing at all times in this section of the fair grounds, and from the interest shown by the visitors in attendance it would hardly seem that the recent drouth was having much effect in curtailing the demand for up-to-date farm machinery. The farmer of the present day is becoming more and more aroused to the necessity for utilizing machinery to the greatest extent possible in carrying on his various farm operations, and an exhibition of this kind offers exceptional opportunities along the line of thoroughly familiarizing himself with the most up-to-date farm equipment, and those present at the Topeka fair certainly made the most of their opportunities.

Live Stock Improvement Association

E. C. JOHNSON Submits Model Constitution and By-Laws

Producing first class market stock is evidence of good business sense. Many farmers are prosperous enough at present marketing what grain and feed they produce directly. More and more farmers of this class, however, are beginning to realize that intelligent live stock production persistently carried out inevitably returns increasing profits. The general improvement of live stock in a community has very direct bearing on the general prosperity of that community. Community interest in live stock improvement will do much to advance the cause of good stock. Live stock organizations have ever been potent forces in fostering this great industry. County live stock improvement associations have been successfully tried already in our state. In counties where demonstration agents are now at work, special efforts are being made at the present time to arouse the community spirit along this line. Edward C. Johnson, who is state leader of demonstration agents at work in Kansas, has prepared and sent to each of these county or district agents the following carefully worked out constitution and by-laws for a county stock breeders' association. This constitution is meant to serve as a model from which local organizations may prepare a constitution and by-laws such as will fit their local conditions:

SAMPLE CONSTITUTION OF COUNTY STOCK BREEDERS' ASSOCIATION.

Article I. The name of this association shall be _____ County Live Stock Breeders' Association.

Article II. The object of this association shall be:

(1) To improve the live stock of _____ county by promoting the use of pure-bred sires; by co-operating in their purchase or otherwise and by promoting community interest in certain breeds.

(2) To further the interest of those engaged in breeding pure-bred stock by liberal patronage of local live stock exhibitions, sales and other means of encouraging local breeders and increasing the knowledge of animal husbandry.

(3) To encourage the introduction of more and better live stock in the county with a view to the increasing of its wealth and conserving the fertility of the land.

(4) To improve the methods of feeding and handling live stock so as to increase the profits therefrom.

(5) To improve in every legitimate way the facilities and conditions for marketing live stock.

(6) To co-operate with State Live Stock and Breeders' Associations in such ways as may be deemed desirable.

Article III. Any person engaged in or especially interested in the production or handling of any kind of live stock is eligible to membership.

Article IV. The officers of this association shall be a president, vice-president, secretary-treasurer and an executive committee which shall consist of the three officers named and four other members of the association. The president and secretary-treasurer shall be ex-officio chairman and secretary of said committee.

Article V. The president, vice-president and secretary-treasurer shall be elected by ballot at the annual meeting and shall serve until the next annual meeting. Of the four other members of the executive committee two shall be elected by ballot every year, for a term of two years, two being elected for one year and two for two years at the first election.

Article VI. Any vacancies which may occur in the executive committee shall be filled by a majority vote of the remaining members of the executive committee until the next annual meeting.

Article VII. The annual meeting shall be held in December of each year at such time as the executive committee may direct. Notices of this meeting shall be given in the newspapers of the county at least two weeks preceding the meeting.

Article VIII. The duties of the officers shall be those which usually devolve upon such officers, unless otherwise stated in the by-laws.

Article IX. This constitution may be amended at any regular meeting by a two-thirds vote of all the members present or at a special meeting called for this purpose, of which meeting every member shall receive notice in writing.

BY-LAWS.

The president shall preside at all

meetings of this association and shall appoint all committees not otherwise provided for and, with the secretary-treasurer, shall sign all vouchers and warrants and perform the other duties pertaining to the office of president.

(2) The secretary-treasurer shall keep a record of all the proceedings of this association and shall receive all fees and dues and moneys paid for the association. He shall draw all vouchers and warrants for all accounts due from the association. He shall disburse money only when approved by the president and make a detailed report of the receipts and disbursements at each annual meeting. He shall keep a directory of all members of the association and conduct the correspondence. In co-operation with the other officers of the association he shall prepare and publish a program for the annual meeting and perform all other duties incumbent upon this office.

(3) The executive committee shall in case of disagreement audit accounts and fix salaries and compensations for service to the association, if any. This committee is also empowered to transact any other business of the association not reserved by the constitution and by-laws for the members of the association.

(4) This association shall meet at least twice each year at such place as the executive committee may decide, the annual meeting taking place in December and other meetings at such time as the executive committee may direct. The executive committee shall call special meetings when necessary.

(5) Members shall be elected by majority vote of those present at any one meeting.

(6) The membership fee in this association shall be \$1.00 per annum.

(7) These by-laws may be amended by a two-thirds vote of the members present at any annual meeting of the executive committee or of the association or any special meeting of the committee of association called for this purpose.

Bermuda Grass For Kansas.

It is estimated that if the present decrease in cattle continues, in fifteen years the last cow will have followed the buffalo over the divide.

The consumption of beef and dairy products doubles every twenty-two years. Cattle are very high now. What is to hinder their remaining high for years to come? There is more money to be made out of cattle now than ever before. Corn and kafir yields about as oforetime. The price of cattle is much higher. Why not go back into the cattle business again? Just one reason: No grass. The native grass is gone. Alfalfa is not a grazing plant and if it were, it will not profitably grow upon all types of soil. It is an aristocrat, demanding the very best of soil and growing but meagerly upon any other.

The demand is for a pasture grass. That demand is met by Hardy Bermuda Grass. But, it being a southern grass, is apt to winter-kill in Kansas. There are two methods by which we may in a degree overcome this—variety and planting. We have breeders of Bermuda in like manner as of corn, kafir or live stock—those who take a pride in selecting the best and hardiest roots from which to develop still better grass.

Heredity and environment are the two forces that mould and away humanity. The same principles control Bermuda. Should the roots come from good parent stock and be transplanted into good soil under acceptable conditions, we may expect good results.

Upon our Bermuda stock farm in central Oklahoma, we have two varieties of Bermuda. One variety is from the pasture of a neighbor where it had been growing without any attention for many years. It is not a satisfactory yielder and although planted upon a southern slope it often winter-kills; it is the common Bermuda. Our other variety is our improved Bermuda. For years it has been receiving the best of attention. It is a great yielder. Planted upon the northern slope of a prairie hill, yet it does not winter-kill. The roots are great big, growthy fellows, ready to be transplanted to a more northern climate and start aright their enterprising owner in the cattle or stock business of all kinds.

So much for heredity. Now for environment. While Bermuda will grow upon the poorest Kansas soil, yet it

deserves better treatment while being acclimated. Set it upon good soil, and you will soon find it coming hand in hand with your abiding prosperity.

We have tried all methods of setting and will give you the benefit of our experience. With a lister open a furrow as deeply as possible. After thoroughly soaking the roots, cut them in lengths of about one foot. Drop a piece about every three feet and immediately cover with a hoe about 3 inches deep. Step upon root, in passing, to firm the soil. Later the same day throw more dirt into furrow with cultivator. Cultivate as corn, only do not fill furrows; leave ridges for wind-break.

Do not graze the grass the first season. Leave it as a protection for the roots. The next year turn on fifty hogs per acre. Their rooting will be as good as a cultivation. The hogs won't kill the Bermuda—but when you go to kill the hogs there will be something doing.

Set some Bermuda near the chicken yard. You will have more feed than chicken and more eggs than appetite.

If you do not succeed after following these instructions, write us and we will send you our picture.

Write us anyway asking further questions in regard to Bermuda grass.—F. A. MITCHELL & SON, Chandler, Okla.

Who's to Blame?

THE COLLEGE PRESIDENT: Such rawness in a student is a shame. But lack of preparator is to blame.

THE HIGH SCHOOL PRINCIPAL: Good Heavens! What crudity! The boy's a fool!

The fault, of course, is with the grammar school.

THE GRAMMAR PRINCIPAL: Would that from such a dunce I might be spared!

They send them up to me so unprepared.

THE PRIMARY TEACHER: Poor Kindergarten blockhead! And they call

That "Preparation!" Worse than none at all.

THE KINDERGARTEN TEACHER: Never such a lack of training did I see! What sort of person can the mother be?

THE MOTHER: You stupid child! But then, you're not to blame; Your father's family are all the same.

Cleaner than the Cracker Barrel

Sunshine

L.W. SODA

Crackers

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Then you'll get your crackers fresh, crisp and flaky. Then you'll get the big, triple-sealed package that keeps the delicious flavor in and dust, odors and moisture out. At your grocer's.

LOOSE-WILES
BISCUIT COMPANY
Bakers of Sunshine
Biscuits



Rabbit as Substitute for High Priced Meat

By MRS. H. W. JOHNSON, Sumner County, Kansas

RABBITS are usually both abundant and cheap, and furnish an excellent substitute for high-priced game, as well as beef and pork. The flesh of the smaller American rabbit is less tender than that of the Belgian and other domesticated species, but it is of much finer flavor and, when properly prepared for the table, is much more desirable as food. Unfortunately on account of their cheapness, little care is taken in handling and dressing them for market and for this reason many people refrain from buying them for the table.

Very few restrictions are placed on hunting rabbits, and they can be obtained at almost any time. In the winter when the snow is on, they can easily be had and there are very few men that do not enjoy hunting them. This is a good time to put up some for summer use; the hams are often cured and salted, while the loins may be fried and put away in lard.

Our cotton tail rabbit is the one most used in the west and south. The jack-rabbits of the western plains are not so good, the flesh, except in young animals, being somewhat coarse and dry; however, the young jackrabbits make excellent fries and roasts, and when the meat is ground and mixed with bread crumbs and seasoning, makes delicious meat balls and loaves.

In some sections of the country farmers have very little fresh meat except rabbits; but with rabbits and an

GRAVY.

Pour out all the fat but six table-spoonfuls, and brown with five table-spoonfuls of flour, stirring constantly; pour on gradually two cups of milk and enough water to make it the right consistency; cook five minutes, season with salt and pepper, strain, and pour into gravy boat.

ROAST RABBIT.

Dress, clean and stuff a rabbit. Place on its back on a rack in a dripping pan or in a covered self-roasting pan. Rub the entire surface with salt and spread the legs with butter or bacon fat, dredge with flour; place in a hot oven and cook one hour.

STUFFING.

One cup of cracker crumbs, one-half cup of butter, one-half cup of hot water or milk, season with powdered sage, salt and pepper, and one small onion put in whole and removed before serving.

RABBIT CROQUETTES.

Two cups of chopped cooked rabbit, one teaspoonful salt, a few grains of cayenne, a few drops onion juice, a tablespoonful of lemon juice, a tablespoonful of finely chopped parsley, one cup of thick white sauce; mix in order given, cool, shape, dip in crumbs and fry in deep fat.

RABBIT WITH RICE.

Three cups of rabbit meat ground, one cup of bread crumbs, half cup of bacon fryings, one egg well beaten, and one cup of milk; mix well, shape, put in a

Why You Should Buy Advertised Goods

BY THOMAS BALMER IN WOMAN'S WORLD.

NOW I want to tell you the reasons why you should buy advertised goods. No manufacturer can afford to advertise and continue advertising any product that does not possess the real merit he claims for it in his advertisements, because his business and advertising success depend entirely upon "the repeat sales" to you, the consumer, and you know you would not buy goods again or make "repeat orders" for goods that did not come up to the representations made in the advertisements.

These "repeat orders" make increased volume of sales which brings about a larger production at a decreased cost to the manufacturer and you get the benefit of that decreased cost of production in superior quality of goods.

Not only is the decreased cost of producing a larger volume of goods a benefit to you; but, because of the larger volume of consumption, the manufacturer of advertised goods is satisfied with a smaller profit.

You cannot always discern what the difference is in quality between advertised and unadvertised goods; but in the long run you will find it is true that the advertised goods are up to the standard that the manufacturer is obliged to keep because his advertisements set that standard; whereas the unadvertised brands of the same goods are entirely at the mercy of the manufacturer to make as much money as he can out of them. He has no standard that he tells you of.

If any dealer tells you that you are paying for the advertising, the information given you here is your answer.

There are some dealers who are dishonest enough to say it when they know, or should know, it is not true.

Most advertisers give a guarantee of standard of quality and are willing to give you other goods in exchange, or your money back, if they are not as represented.

To whom can you look for an exchange of brands of unadvertised and unstandardized goods?

occasional chicken, they have fresh meat almost the year round. During the winter the cottontail and young jacks, both male and female, are good. The breeding season lasts from about March 1 until September 15; during the first part of this season the male cottontails are good—there are no young jackrabbits at this time. After the young rabbits are about six weeks old they are fine, both cottontails and jack-rabbits, especially for frying. Boys enjoy a rifle and I know of a good many who carry a rifle with them in the field, strapping it on to whatever implement they are using, and in this way keep the table supplied with young rabbit during the summer and fall, with no appreciable loss of time.

In preparing any kind of rabbit, clean and wash it thoroughly and soak it in salt water a few hours, drain and if possible freeze, and when it has thawed it is ready for use. The freezing makes the meat very tender.

FRIED RABBIT.

Dress, clean, and cut up a rabbit; put half a cup of lard and butter in a frying pan and when hot add the rabbit pieces which have been dipped in salted flour. If the pieces are large or if there is doubt of their being tender, brown quickly on both sides, cover with boiling water and cook until the water is all gone.

small round pudding pan, sprinkle with crumbs, and cover with a thin white sauce. Bake one hour, turn on a hot platter and pour around it creamed spaghetti or spaghetti with tomato sauce.

OTHER DISHES.

There are such a great variety of ways of using rabbit meat. The raw meat run through a food chopper can be used as hamburger steak; or stuffed balls may be made by molding the meat around bread crumbs, seasoned as for stuffing, and baked in a drip pan, basting them often with bacon fat; sour apples, or even onions and cabbage, stuffed with the raw meat, seasoned lightly with spices and baked, are good and different.

Oilcloth Apron.

Purchase enough white oilcloth to cover you from shoulders down, about two yards. Cut out the armholes, and lay a few plaits in back and front to give desired fit and fullness. Bind all around with calico, making straps over the shoulders attached to armholes, with one button and buttonhole at top, and two strings to tie in the back just below the waistline. This apron can be donned or discarded in a moment, is waterproof, and when soiled a damp cloth does the "washing" in a few moments.

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Their own clothes and their children's clothes: all kinds of questions: the new styles, the new materials: how to make over clothes: how to get the most out of little: what to do with what they had.

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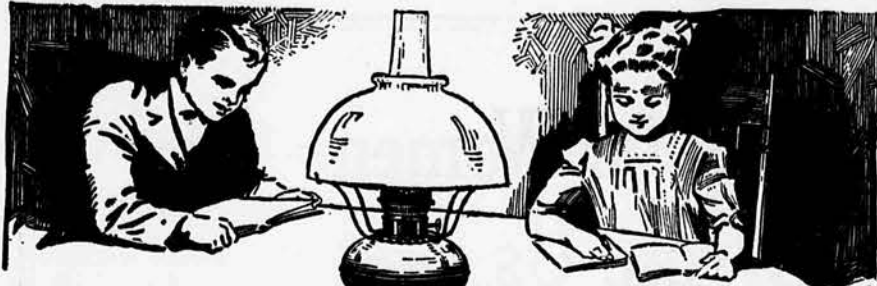
And every branch of clothes has its own editor: There is a Home Dressmaking Editor: a Millinery Editor: a Style Editor: a Children's Clothes Editor: a Needlework Editor, and so on, each an authority in her line.

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Not a penny's charge is there for this complete service. It all goes to you, free, as a reader of, or a subscriber to, the magazine. A booklet, entitled "The Story of 600,000 Invisible Hands," tells something about this service. A postal-card request will bring a copy.

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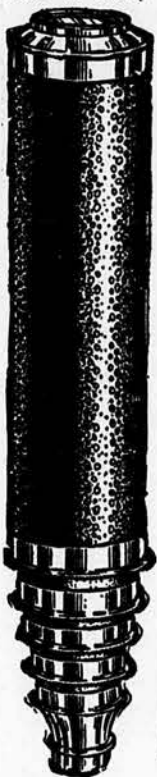
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HOME CIRCLE



By wetting a spoon before serving jelly you will find that the serving is more easily accomplished. This idea applies also to canned fruits.

When stitching a seam on chiffon or mousseline de soie, it is apt to pucker. To prevent this place a strip of paper over the seam and sew through it. The strips used on a bolt of ribbon are excellent for this purpose.

Make a pillow cover of any pretty dark material and fasten one end by means of buttons and buttonholes. Then make a small eiderdown comforter which will just fit inside the pillow cover when it is folded four times. Button the comforter in the case and when traveling it will serve for a pillow or an extra cover, as the need is.—Louisville Herald.

Hanging Plants.

The difficulty in watering plants is that the water drips on the floor. If a very small funnel is inserted in the soil, hidden by the foliage, and the water poured in this, it will gradually seep into the soil without dripping on the floor.—Minneapolis Tribune.

To Hold Flowers.

Glove fingers make splendid protection for the stems of flowers, especially if the flowers are fresh and worn pinned to a white dress, says the Minneapolis Tribune. Save the fingers, insert the flower stems in them and pin to dress, and no dampness or stain will injure the most delicate dress.

Chili Sauce.

Eighteen ripe tomatoes (large), 4 green peppers, 6 large onions, 4 cupsful vinegar, 3 tablespoonfuls salt, 12 tablespoonfuls sugar.

Chop onions, tomatoes and peppers; add other ingredients and boil until thick.

Homely Hints.

When sprinkling clothes for ironing, cover basket with a big heavy blanket. Clothes will keep moist and not mould even in hottest weather.

Before clearing table, prepare a place in the kitchen for soiled dishes, thus avoiding confusion and extra labor.

A nice way to use up scraps of cold boiled ham is to chop them fine, add a tablespoonful each of butter and flour and brown over fire. Add salt and pep-

per to taste and pour over toasted slices of bread.

Salt will aid materially in removing dust and dirt, besides freshening the colors if sprinkled on rugs while sweeping. If ink has been spilled on carpet, sprinkle the spot with salt at once. It will absorb ink and in some instances remove stain.

Interesting Facts.

Professor Whitebeck of the University of Wisconsin has compiled a few interesting statistics that are unknown to the average person. The list follows:

Did you know—

That Cuba would reach from New York to Chicago?

That Texas is larger than Germany and as large as 212 Rhode Islands?

That the entire continent of South America lies further east than Florida?

That Venice, Italy, and Montreal, Canada, are in about the same latitude?

That the Pacific end of the Panama Canal is farther east than the Atlantic end?

That the mouth of the Amazon river is as near to Europe as it is to New York?

That, when measured in degrees of longitude, San Francisco is about in the middle of the United States, including Alaska?

That if an express train had started out from the earth for the planet Neptune at the birth of Christ, and had traveled 60 miles an hour day and night ever since, it would not yet be half way there?

That, if the southern end of Chile, South America, were placed at Florida that single country would extend northward entirely across the United States and Canada and half way across the Hudson Bay?

Kodak Albums Free.

Best loose-leaf, any size, for those who have kodak work done. First roll dev. free. Send 2c for free coupon. J. C. Wolcott, Topeka, Kan.—Adv.



No. 6224—Modish One-piece Coat. This is decidedly the favorite model for coats at present. The only seam is under the arm and on the under side of the sleeves. The neck is trimmed with a handsome pointed collar and sharp revers, which can be buttoned over. The cut of the sleeve is unique at the lower edge, where two styles may be used. The belt should match the revers, at least in collar, even if kid or silk. The pattern, 6224, is cut in sizes 34 to 42 inches bust measure. Medium size requires 2 1/2 yards of 35-inch goods, 3/4 yard of 27-inch contrasting goods.



No. 6211—Ladies' Dress. This original model gives us a bodice with the sleeves cut in one with the upper part of the body and with bib effect for the lower half. The skirt carries out the same idea in a two-piece skirt made with a deep flounce and having high or regulation waist line. The pattern, No. 6211, is cut in sizes 34 to 42 inches bust measure. Medium size requires 2 1/2 yards of 44-inch plain goods and 1 1/2 yards 44-inch figured goods. Price of pattern, 10 cents.



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He lives in his art—for art's sake.

The lessons of his pictures have punctured more illusions, intensified more sympathies and levelled the loves of high and low to the common standard of humanity.

We asked him to present through art the message of Montgomery Ward & Co.

He has drawn two great pictures; one is called "Friends for Forty Years," which will appear later in this publication. The other drawing, which appears on this page—"My Father Loved that Book."

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Her father loved that book because it made possible more comforts for his family at less cost than he could secure them elsewhere.

Whether he needed foods or furniture, clothes or curtains, machinery or farm implements, he could buy them from Ward's with all the extra profits cut out.

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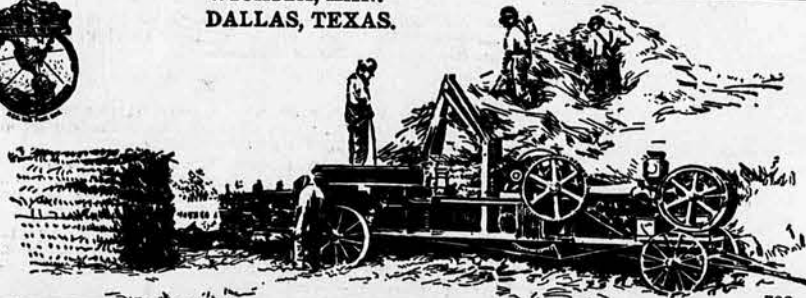
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THE FARM



Samuel Adamson of Reno County, writes that he will have at least 500 bushels of good seed corn grown this year. Such seed will be worth at least \$2 a bushel for seed. It will in fact be worth more than this. We know that there will be considerable corn suitable for seed produced in Kansas this year, and the value of such seed for next year's planting has in KANSAS FARMER the past two or three weeks been fully asserted. Briefly, however, the advantages of home grown seed for next year's planting, are that home grown acclimated seed will give better results than imported seed—at least until the imported seed has become acclimated; second, because corn produced under the generally existing adverse conditions of this year has the ability to withstand dry and hot weather to a much greater degree than corn produced under more favorable conditions. It must be remembered that in the case of corn it is possible to develop drouth-resisting qualities to an extent approximating the development of those qualities in kafir and milo. It might be that these qualities could not be developed in corn to the same extent as in the case of grain sorghums but it is certain that these qualities can be developed to a much greater extent than they have been. While life is too short for the Kansas farmer to become a breeder with the idea of producing corn as drouth-resistant as kafir or milo, nevertheless the use of carefully selected seed of varieties grown under more or less adverse conditions is more likely to produce good yields under those conditions than seed from corn which in its growth has not been subjected to adversity. There are many farmers in Kansas who will this year produce corn worth five or six times more money as seed than it will be worth for feeding, yet much of such valuable seed will be fed. This paragraph is written to call the attention of the corn grower to the value of this year's crop for seed and to suggest to him that he arrange to buy feeding corn so that his this year's corn crop may be used for seed—not alone on his own farm but for his community. Those interested in community development along agricultural lines can well afford to locate a sufficient quantity of this year's corn crop for next year's planting and form such pools among neighboring farmers or other arrangements as are necessary for the holding of all of the best seed corn grown in the community. We have read of the organization of several companies of enterprising business men, the object of which organizations is to do the thing above suggested. The farmer who has such seed will, in our judgment, be able to make such arrangement as will allow him to hold the seed of this year's crop and buy other corn for feeding.

Here is a condition which cannot too soon be brought about. The farmer can feed his corn to his own cattle to better advantage to himself and the community than can some other farmer who has bought both the feed and the cattle. The president of the State Association of Farm Elevator and Grain Men, is quoted in a newspaper as saying that the large number of silos coming into Kansas and other states will result in a hardship on the grain dealer because ultimately the bulk of the corn will be cut up and placed in silos instead of being husked and marketed and finally grain dealers will have little or no corn to handle. It will be many years in Kansas before the elevator operator or other grain dealer will be seriously affected by the siloing of the corn crop. However, it would be best for Kansas farmers and in fact all the people of Kansas, if such condition could be brought about, say within the next ten years. The grain buyer is essential to every community, but if any considerable number of his kind are put out of business by the silo, as above suggested, he can turn live stock buyer and possibly farmer and feeder and so render a more valuable service to the community. In various eastern states the silo has been well established for twenty-five years or longer and we have heard of no depressing conditions among grain handlers as a result. On the other hand, where there is the greatest num-

ber of silos general farming has looked up materially, and while we shall regret to see any hardship worked upon our good friends the grain dealers, nevertheless we cannot help but feel that the more grain marketed through live stock fed on the farm the better for farmers, consumers and all others.

An item in the newspapers is to the effect that Sheridan Plouffe, Reno County, is irrigating his orchard and maturing his apple crop in good shape at a cost of \$1 a day. He has a gas engine and this engine uses five gallons of gasoline in a day's run of eleven hours. The weak point in the item as printed in the newspapers is that it does not state how many acres or trees are irrigated, and the reader is at sea as to the acre cost of irrigation. The inference, though, is that irrigation pays. We have read much this season of hurriedly constructed plants for irrigating with the result that numerous fall crops have been saved. There are hundreds of farmers throughout Kansas who could, in emergencies, irrigate if they so desired, and such farmers are not so forehanded as they should be unless they exercise every opportunity to save those crops which need just a little water to continue growth and mature normal yields.

This has been a big year for the corn binder. In fact implement dealers advise that they have been able to get delivery on only about one-half as many corn binders as they had placed orders for. In the saving of the corn crop—whether it is to be put in shock or silo—necessitates the use of the corn binder. With this machine the crop not only can be taken care of more promptly and expeditiously, but it saves labor. There is not a hotter or more tiresome job than the cutting of corn by hand, and the well equipped corn farm from this time on must have its corn harvesting machine. On farms on which the putting up of silage has become an annual chore the corn harvester is necessary. It comes near cutting in two the cost of putting up silage. However, every farmer does not need a corn binder. This year in many communities neighboring farmers joined in the purchase of a corn binder as they did in the purchase of a silage cutter. On farms of moderate size company ownership of the corn binder is practical. Just one other point before we forget it, and that is that so soon as the corn is cut the binder should be run into the machine shed or otherwise stored until needed next fall. A corn binder will last many years if it is given the right sort of care. The latter situation applies equally to other farm machinery which will not be needed until next season.

Conversation with an insurance adjuster whom we chanced to meet the other day, suggests a word of caution to farmers as well as all others relative to minimizing the danger of loss by fire, at least for such time as everything is so unusually dry. The adjuster had noted our paragraph of a week ago relative to the plowing of fire guards and the taking of other precautions against loss by fire. He stated that the insurance companies were carrying on active campaigns in the various cities which campaigns are educational to property owners and which is intended to minimize fire losses. He thought that it would be the part of wisdom if the various companies would join hands in a similar campaign among farmers. The fewer fires the lower the insurance rates and the lower insurance rates the more generally will farmers avail themselves of fire insurance. Every farmer should look out for fire. Aside from protecting his farm buildings, stack yards, etc., with plowed or burned fire guards, he should be very careful in the handling of lanterns, matches, etc. Persons traveling through the country by wagon, automobile, or otherwise, should be careful. Campers along the roadside should be careful. Every farmer in the community should at all times be on the lookout to head off possible loss as a result of fire through the carelessness of thoughtless persons. If it is necessary for you to carry a lantern to the barn, have a hook on

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Adjusts easily to hilly land

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ADVERTISING PAGE FOR READY BARGAINS

which to hang it. Be sure that the lantern is in good condition. Under no circumstances allow the men about the farm to carry matches. The adjuster stated that farm losses from fire had been particularly heavy this fall. This statement in itself is sufficient to warn the wise.

In replying to Subscriber J. E. J., Dickinson County, on page four, September 6 issue of KANSAS FARMER, we spoke of the preparation of listed corn ground for wheat this fall. We made the statement that the "listing" should not be done too deep or too thoroughly. The word "listing" should have been "disking." A careful reading of the complete article will reveal the fact that the word "listing" as above stated, was improperly used.

Good seed wheat must be sown if that seed is expected to make a good yield. The seed wheat should be of pure strains and grown in the community in which it is to be seeded. Good seed of good strains grown at home, is not difficult to obtain. In practically every community where there was a wheat crop this year there are several farmers who have good seed of the several varieties of wheat which have proven best for Kansas. Just who the farmers are in your locality having this seed, we cannot say, but your inquiry addressed to the Kansas Agricultural College will bring to you the names of farmers who before harvest had their fields inspected and which fields were passed upon as being pure strains of the variety grown and suitable for seeding. Having secured such wheat for seed the next important item is that of properly cleaning the wheat, removing therefrom shriveled and otherwise small grains, and also removing weed seed and chaff, the removal of the latter being necessary in order to secure the best results from the drill. The removal of the weed seed is necessary because on most farms there are weeds enough without seeding more. It is as essential that the wheat be cleaned so that the drill will work properly and that the seed be evenly distributed in the drill row, as it is that the seed corn be cleaned and graded so that the regular dropping of the lister or planter will result. We are strongly of the opinion, as we have stated before in these columns, that wheat in general should be seeded thinner than is common practice. We believe that the use of at least one peck less seed the state over would result in larger yields principally because of the lack of moisture necessary to mature thick seeding. In those localities in which five pecks of seed is used to the acre we believe that the use of four pecks of well cleaned wheat will for a 10-year period produce larger yields than the use of five pecks. In those sections in which it is common to seed three pecks and which section, generally speaking, is the western one-third of Kansas, we believe that the use of two pecks of good, clean seed per acre will give the largest yield for a 10-year period. We think, too, that the seeding of wheat should not this year be hurried except in localities in which there has been rain sufficient to put the ground in condition and supply sufficient moisture to well start the wheat. At any rate, the first step in the production of a profitable yield of wheat is that of providing good seed of a good variety, and this should be carefully and surely done.

Bermuda Stands Heat and Drouth.

A member of the Barteldes Seed Co., Lawrence, Kans., writes that there is just one green lawn in Lawrence. This is the Bermuda grass lawn surrounding the postoffice and which lawn was set by the Barteldes a year ago for the express purpose of seeing what Bermuda would do. The soil of this lawn is hard and the reflection from the building makes the ground extremely hot. It had previously been impossible to obtain a permanent stand of blue grass on this plot. The Bermuda lived through last winter and has been green all summer. This piece of Bermuda has been much admired and as above stated, it is the only lawn that has kept its fresh, green color throughout the summer.

Mention has several times been made in KANSAS FARMER of the Bermuda planted in the lawn of the state capitol here in Topeka. The planting was done a year ago last spring. Apparently a considerable number of the plants were killed last winter. However, the grass came on this spring and at this writing the plots are thickly covered. These are the only green plots in the four blocks composing the state house lawn. The Bermuda has not been watered. The remarkable manner in which the

Bermuda thickened after having suffered much from the rigors of last winter, and the manner in which it has kept green, has demonstrated to us the possibilities of the practical value of Bermuda for this section of the state.

Be it understood that in years past it has been considered that Bermuda would survive the winter weather and thrive only south of a line drawn from Kansas City to the southwest corner of the state. We do not know how the idea became prevalent that Bermuda would not survive the winters north of this line. Nevertheless this has been the generally prevailing opinion. Mr. Mitchell of Chandler, Okla., who is an enthusiastic Bermuda grower and who, we believe, knows as much about the adaptability of Bermuda for the western section as any man living, has contended that Bermuda will do well in all parts of Kansas. It is his contention that even though a considerable proportion of the plants should winter-kill during the first few years following planting that those hardy plants remaining will reproduce their kind and result in the field being set with hardy plants only and which will survive the severe winters. The Lawrence and Topeka incidents above mentioned would indicate that Mr. Mitchell is correct in his conclusions. A few years of further observation on these plots will throw further light on the adaptability of the grass to Kansas conditions north of the line mentioned. A grass which will thrive during such a summer as this and one which will remain green under such adverse conditions, is a plant which deserves more than passing notice.

Irregular Maturity in Silage Fields.

One of our subscribers reports that his corn has matured in such an extremely irregular manner that it is difficult to decide just when the crop should go into the silo. This problem undoubtedly presents considerable difficulty in connection with getting the crop in the silo in the best condition possible. Where the cutting outfit is owned it would be well to harvest the field in patches, taking those parts that are dried out the most first and later putting in the portion of the field that has remained green longer. If it is necessary to perform the filling job at one operation, the only thing to do is to strike a sort of average, cutting the crop while a sufficient portion of it is green enough to supply the necessary juices to moisten the drier portion. If this is impossible, the addition of extra water to the very dry material is the only method whereby silage may be made from such fields.

Concrete Water Tank.

Inquiry comes to us from G. H. C. of Pawnee County, as to whether concrete tanks are satisfactory and how to construct them. There is no better material for troughs or storage water tanks than properly prepared concrete. To be successful a properly prepared mixture should be used. It is also very important that reinforcing material be used in the form of rods or woven wire mesh. For complete details on the construction of concrete water tanks our correspondent will find pamphlets published by the Universal Portland Cement Company at Chicago, Ill., or by the United Kansas Portland Cement Com-

pany at Kansas City, of great assistance. A request to these companies stating the particular kind of concrete work on which information is desired will bring the proper pamphlet.

Secretary Houston of the Department of Agriculture now announces that information on crop conditions in various states will be telegraphed to some central point in each state once a week and distributed from the weather bureau by mail the day it is received. This will place this proposition on a par with the daily weather forecasts which are sent out from the various stations of the Weather Bureau. The method of handling these statistics in the past seem to have been based on the theory that they were useful only for compilation purposes. Secretary Houston apparently feels that the actual producers in the various states are most vitally interested in crop statistics and should be informed at the earliest possible moment as to crop conditions in various sections of the country. This plan will be tested out in a limited number of states, Kansas and Missouri being included in the list of the states where it will be first tried out.

As the art of breeding includes the science of breeding, so, too, does the art of feeding include the science of feeding. It must stand as true that, however well-bred a dairy herd may be, it cannot prove profitable unless well fed. And no herd will be well fed unless each cow is supplied with the necessary nutrients in sufficient quantities to meet her individual needs. —W. H. UNDERWOOD.

Be Sure You Get What You Pay For



SOLE LEATHER COUNTER
EVERY LAYER SOLE LEATHER SOLES

You may have an old pair of shoes with run-down heels, counters broken down, or the outer sole ripped off. Cut them up and you will probably find them "adulterated".

The only reason why any manufacturer uses substitutes for leather is that they are cheaper than leather. They mean larger profits for him because you pay leather prices for the shoes.

Nothing can take the place of good leather for making comfortable and serviceable shoes. You want leather shoes. Be sure you get what you pay for.

To be on the safe side always ask for and insist upon having "Star Brand" shoes with our name on the sole and our star on the heel.

"Star Brand" is the largest selling brand of shoes in the world—over seven million people wear them.

We have built up this vast business—23 big factories employing 10,000 people—in only fifteen years, simply by making "Star Brand" shoes of good honest leather.

If "Star Brand" shoes were not better than other shoes, we could not have grown from a small start to a business of over \$15,000,000 a year, outstripping all other shoe makers in this short time.

We make more shoes than any other shoemaker. Our cost per pair is less. It costs us less to sell them. We give you more for your money than you can get in any other shoe.

The "Patriot", our fine dress shoe for men, is made in 50 different styles at \$4.50 to \$5.00. As good a shoe in other brands would cost you \$1.00 more.

The "Society", our beautiful dress shoe for women, is made in many styles and sold at \$3.50 to \$4.00. It is better than many other shoes sold at \$5.00.

The "Stronger-Than-The-Law", our heavy work shoe, is the strongest and longest wearing shoe made. Its value has never been equalled. Made for men, women and children.

The "Soft and Good", a fine welt work shoe for men—soft as a glove. A long wearing, medium weight shoe at \$3.50 to \$4.00. This shoe has no competitors.

"Tess and Ted" school shoes are made in many styles for girls and boys. They cannot be duplicated for good looks and long wear.

Bear in mind that there are several different forms of stars used in trade-marks. The genuine "Star Brand" shoe has our name on the sole and our star on the heel.

Made in 750 different styles, sold by 20,000 good merchants. Don't just go into any store, but look up the "Star Brand" dealer. Get a pair and learn why

"Star Brand Shoes Are Better"

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

There's more fraud in shoes than in almost any other article you wear.

Nearly 90% of all shoes retailed for less than \$4.00 have paper, composition, or other substitutes for leather in the heels, soles, and counters.

These substitutes are hidden where you can't see them. You can't detect the adulteration until you wear the shoes and find them unsatisfactory.

The "Our Family" shoe is made of fine box calf and gun metal leathers. Several styles, all sizes for every member of the family.

Last year 646,448 people bought this famous shoe. The two styles here illustrated will show the honest leather construction of the "Our Family" and all other "Star Brand" shoes.

Every "Star Brand" merchant has one of these shoes out up to prove its honest construction. Go and see it.

The "Our Family" sells at prices ranging from \$1.35 for the children up to \$3.50 for men. It is a good looking, medium weight shoe—for every day or Sunday.

All the above are "Star Brand" shoes with our name on the sole and our star on the heel. Every pair is made of good leather. We do not use substitutes for leather.

During the last six months Pure Shoe Bills have been introduced into Congress and several states, requiring that when substitutes for leather are used the fact must be stamped on the sole.

Many manufacturers and a few merchants are bitterly fighting these bills. From the start we have freely and openly endorsed these bills. We believe in this legislation because it gives you a square deal.

Our business has been built up on honest leather construction. We believe that this is one reason why we have grown so rapidly. If substitutes for leather were better than leather there would be lots of other shoe makers larger than we are.

Ask YOUR dealer if he is in favor of a Pure Shoe law. Every "Star Brand" merchant believes in this great movement for pure leather shoes just as we do, because it insures that the wearer gets what he pays for.

The Oldfield Pure Shoe Bill now pending in Congress should be enacted into a law. The victory should be made complete, because it is a good law. Write your Senator and Congressman and urge them to vote for it.

Very soon you will buy your Fall and Winter shoes. Be sure you get the genuine "Star Brand" shoes.



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All these bear the Lincoln Trade Mark, which is our endorsement of their quality.

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Ask your dealer for Genasco. The Kant-Leak Kleet comes with every roll of smooth surface Genasco—does away with cement and prevents nail leaks.

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size for size, under equal conditions of operation, to do more and better work with less power than any other machine husker in existence and to be easier and safer to feed and to operate. Our Husker Book tells all about it. Send for free copy today.

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Send Postal for New Water Supply Plan. It will show you 100 pictures of it in actual use. Don't Now.

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The SANDOW Stationary Engine runs on kerosene or gasoline. Starts without cranking—throttle governed—hopper cooled—speed controlled while running—no cams—no valves—no gears—no sprockets—only three moving parts—portable—light weight—great power—10-day money-back trial. Sizes, 3 to 20 H. P. Send postal for free catalog. Detroit Motor Car Supply Co., 280 Canton Ave., Detroit, Mich.

LIVE STOCK



Des Moines Hog Show.

As was expected, the swine exhibit was smaller than in former years. The great prevalence of cholera and the rule requiring all hogs shown to be immunized 30 days before they were brought to the fair, probably had much to do with the small show. The Duroc Jersey show, however, was above the average this year. In spite of the fact that a large number of the 1,000-pound kind were shown, quality was fully up to the standard. Waltmeyer's High Model, weighing around the 1,000-pound mark, was an easy winner in the aged boar class. The aged sows were also large and possessed plenty of quality.

Percheron Futurities at Des Moines.

The futurity stakes brought out a most sensational Percheron show at the Iowa State Fair. Seventeen yearling stallions were shown and in general all-around excellence, quality and finish, they excelled any previous show of yearlings made. In the filly class 33 individuals were presented, all but three American bred. The first place fell to a remarkable filly owned by John A. Buswell, Bradford, Ill. The influence of futurity stakes is producing a remarkable improvement in the development of high-class Percherons. The small breeders who regularly use their mares for work purposes on the farms are rapidly coming to the front. This was especially noticeable in the showing made in this class. The winner of the first place in the filly class was a small farm breeder who does not own to exceed 15 or 16 Percherons, and all of them have descended from one pair of mares purchased some years ago. Breeders freely expressed the opinion that this filly was the equal of any mare ever shown in the United States.

Keep the Sows at Home.

The Chicago market papers are complaining bitterly of the heavy liquidation of thin sows now going on at that point. It could and should be complained of, to a greater or lesser degree, at all public markets. Unless there is some reason, such as not being a good breeder or mother, this turning off of sows that should be good for several more litters of pigs is to be strongly condemned. It is absolutely a losing game to the owner and is, to some extent, a weakening factor in the current market that is entirely useless. Hogs are making good returns on all the investment made. At present prices every bushel of corn so used is bringing its owner \$1.00 per bushel, or a little more. No animal on the farm requires less attention or labor in its care. There are not, nor is there likely to be, with beef supply short and growing shorter, for a long time to come. The hog used to be the "mortgage lifter" when mortgages were in fashion and today he occupies the position of being chief first aid to the bank account of any domestic animal. In reality the hog has bought and pays the upkeep of probably nine-tenths of the motor cars owned by the rural population, largely with the owner hardly realizing that he has made the investment.—Exchange.

Shredded Fodder in Hay Mow.

An inquiry comes to us from Mitchell County, Kansas, as to whether it pays to cut cured corn fodder with a silage cutter and run it into a hay mow. This correspondent wishes to use the feed for cattle and horses during the winter. He also inquires as to whether there would be any danger of the material spoiling.

In a good corn year when there is an abundance of rough feed and fodder of various kinds, it is questionable whether the shredding of fodder would pay for the cost of the operation. Where fodder contains corn and a shredder will husk out the corn as cheaply as it would be husked by hand, the shredding of the fodder virtually costs nothing and shredder fodder certainly is much more convenient to handle and does not interfere with the hauling out of the manure from the yards and stables as the feeding of uncut corn fodder does. Bright, well cured corn fodder makes a splendid roughage for horses and cattle and in a year such as the present one in which feed of all kinds is extremely scarce, fodder can undoubtedly be made more valuable by cutting as

suggested. It should not be cut, however, with the regular knives of a silage cutter as these knives leave the hard parts of the fodder so sharp that they will cut the mouths of the stock. Shredded blades are provided with most of the silage cutters and these blades should be used in cutting corn fodder to be stored in this way. If the fodder has been well cured and does not contain any excess of moisture, it will not spoil when stored in a barn. This point must be carefully observed, however, as the running into the mow of a large amount of fodder containing considerable moisture, might result in moulding and spoiling of some of the material.

Cattle at Iowa State Fair.

Shorthorns made a noticeably weak showing, counter attractions having apparently drawn to other places some of the strongest herds. Sultan Mine, owned by Carpenter & Carpenter of Wisconsin, was senior champion bull and likewise grand champion. The grand championship on cow, any age, was won by Anoka Farms on Village Flower 2d, this heifer being the junior champion cow. In the Polled Durham class three strong herds were shown. Achenbach Bros. of Washington, Kan., won first on two-year-old bull and also first on junior yearling. In the two-year-old heifer class Achenbach Bros. also won first, with Miller, of Indiana, second. In the junior yearling heifer class Achenbach Bros. won fourth, and first in the senior heifer class. On young herd Achenbach Bros. won third, with Miller first and Leemon, of Illinois, second. On the calf herd Achenbach Bros. won second, being beaten for first place by Miller. Achenbach Bros. also took second place on produce of cow, with Miller first.

The Herefords made a strong showing. Fairfax 16th was made senior champion, but was defeated for the grand championship by the junior champion, Repeater 7th. R. H. Hazlett of El Dorado, Kan., made an especially creditable showing for the State of Kansas with his young show herd consisting of 10 head, all bred and raised on Hazford Farm.

In the Galloway show, Kansas was represented by Capital View Ranch of Silver Lake and S. N. Croft & Son of Bluff City. A very creditable showing was made.

The Angus exhibit this year was superior to last year's show. A number of new herds were out, and all the strong herds which had been commonly exhibited at Des Moines were present with high-class show herds. In the bull classes W. A. McHenry of Denison, Iowa, won the grand championship on his aged bull, while Irwin C. McHenry won the grand championship on his aged cow, Blackcap McHenry 88. Last year's grand champion bull, Kloman, owned by A. C. Binney, Alta, Iowa, was forced down to third place in class this year, O. V. Battles of MaQuoketa, Iowa, winning second on Balmont. Battles won first on get of sire on Oakville Quiet Lad and also first on produce of cow on Myra of Iverness. First on young herd went to Charles Escher, Jr., Botna, Iowa, and first on aged herd to McHenry. Anderson & Sons, Newell, Iowa, won first on calf herd.

The show of dairy cattle is steadily improving at Des Moines. There were many strong Iowa entries, also many more entries from outside the state than formerly. The Holsteins and Guernseys came out extra strong.

Cattle Men Fortunate.

Official reports show that 95,298 cattle passed through the Kansas City Stock Yards during the week ending September 6. This week's run of cattle came within 227 head of exceeding Chicago's record breaking run of 22 years ago. In the neighborhood of 125,000 thin stock cattle have been handled at this market during the past month. In spite of this abnormally heavy marketing of cattle, prices are still holding up good and strong. It would probably be difficult to locate cattlemen who have actually lost money in disposing of their cattle as they necessarily had to do during this period. As stated in the Chicago Live Stock World this forced marketing of cattle by the cattlemen of the Southwest has been a veritable bonanza to the cattlemen of other

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sections and they have seized upon this opportunity to replenish their depleted herds. The cattlemen in the area affected by the drouth may count themselves extremely fortunate in finding such a ready market for their surplus. While they may consider themselves unfortunate in being compelled to dispose of cattle that are not yet mature, their loss is largely the anticipated profits which would have come to them if the conditions in the pastures and on the farms had been favorable to the production of an abundance of feed. If

Iowa, Illinois, Indiana, Ohio and other states had been less favored, results would have been disastrous to the cattlemen of the dry district. The very large number of cattle being shipped would have so completely glutted the markets that great losses would have resulted. Bad as the situation may seem to the Kansas cattlemen, it might have been worse.

The rush from pasture to market is undoubtedly now over. Receipts at the Kansas City market last week were back to normal.

Nebraska State Fair

Continued From Page Two

Champion Boar—Waltmeyer on Golden Medal 34th.
Champion Sow—Fancy Advance 2nd.
Clarence Wallace, Wisner, Neb.

POLAND CHINA.

Aged Herd—First, J. C. Meese, Ord, Neb.; second, W. A. Lingford, Dannebrog, Neb.
Young Herd—First, Meese; second, W. B. Willey, Steele City, Neb.
Get of Sire—First, Meese; second, Willey.
Produce of Sow—First, Meese; second, Willey.

Champion Boar—Tim Neuhofel, Central City, Neb., on The Big Orphan.
Champion Boar Bred by Exhibitor—C. B. Powers, Aurora, Neb., on Again Expansion.

Champion Sow—Lingford on Marie.
Champion Sow Bred by Exhibitor—Lingford on Marie.

PERCHERONS.

Grand Champion Stallion—Fox, of Genoa, Neb., on Jeun.

Reserved Champion—Wolfe Bros., Albion, Neb., on Libretta.

Senior Champion Stallion, Open Class—Fox on Jeun.

Junior Champion Stallion—Wolfe Bros., on Libretta.

Senior Champion Mare—McFarlane, Fairfield, Neb., on Image.

Junior Champion Mare—Bowman, Boon, Neb., on Madame.

Awards, State Fair, Topeka

PERCHERONS.

Judge of Horses: C. R. Taylor, Williams-ville, Mo.

Stallion, Four Years Old and Over—First, C. R. Kirk, St. Joseph; second, L. R. Wiley, Emporia; third, George Weeks, Belvue; fourth, J. E. True, Jr., Perry.

Stallion Three Years and Under Four—First, Lewis Jones, Wamego; second, William Branson, Overbrook; third, Chas. Kirk, St. Joseph; fourth, Chas. Kirk, St. Joseph.

Stallion Two Years Old and Under Three—

First and second, L. R. Wiley.
Mare Four Years Old and Over—First, L. R. Wiley; second, Lewis Jones; third, C. B. McPherson, Topeka.

Mare Two Years Old and Under Three—L. R. Wiley.

Foal Under One Year, Either Sex—First, Lewis Jones; second, C. J. McPherson.

Champion Stallion, Any Age—First, Lewis Jones; second, L. R. Wiley.

Champion Mare, Any Age—First and second, L. R. Wiley.

Stallion Under One Year, Prize Winners in Open Competition—First, Lewis Jones; second, C. D. McPherson.

CLYDESDALES AND SHIRES.
Stallion Two Years Old and Under Three—L. R. Wiley, who also wins first on mares four years old or over. Mr. Wiley also won for the champion stallion of any age and the champion mare of any age, French draft.

FRENCH DRAFT.
Stallion Four Years Old and Over—First, Adam Becker, Meriden; second, Lee Bros., who also took first honors for stallions three years old and under four, and first and second for stallions two years old and under three, and first, second and third for stallions one year old and under two, and first and second for mares two years old and under three.

Mare One Year Old and Under Two—Adam Becker, who also took first and second for foals, either sex, under one year old, Lee Bros. taking third. The Lee Bros. also took first on four animals the get of one sire and also first on five stallions owned by one exhibitor.

Champion Stallion, Any Age—Adam Becker.

JACKS AND MULES.
Jacks and Jennets Three Years Old and Under—C. D. Sheets, Topeka. Mr. Sheets also takes first in the same class, one year old and under two, and also receives award for the champion jack, any age.

Mule Three Years Old and Over—Adam Becker.

Mule Two Years Old and Under Three—Wm. Branson.

Mule One Year Old and Under Two—First, Adam Becker; second and third, Lee Bros.

Adam Becker won first for pair of mules, weight and harness not less than twenty-four hundred pounds, and also the award for the champion mule, any age.

DRAFT MARES AND GELDINGS.
Farmer's Team—First and second, C. D. McPherson, Topeka.

Draft Team in Harness—First and second, C. D. McPherson.

Three Years or Over—First and second, C. D. McPherson.

SPECIAL HITCHES.
Two-Horse Hitch—First, Lee Bros. of Harveyville; second, P. G. McCulley, Princeton, Mo.

Four-Horse Hitch—First only, Lee Bros. REGISTERED STANDARD BRED.

Stallion Three Years or Over—First, Frank O'Reilly, Junction City; second, D. E. Holliday, Topeka; third, W. T. Miller, Junction City.

Stallion Two Years and Under Three—First, C. D. McPherson; second, A. H. Bennett, Topeka.

Stallion One and Under Two—First, J. C. Taylor, Grantville.

Stallion Under One Year—First and second, C. D. McPherson.

Mare Three Years or Over—First, R. H. Burr, Topeka; second, Thompson Bros., Topeka; third, J. C. Taylor; fourth, A. H. Bennett.

SHEPHERDS.
Stallion Three Years or Over—First, R. T. Kreipe, Topeka; second and third, Mrs. R. J. Foster, Topeka; fourth, C. D. McPherson.

Stallion Under One Year—First, Mrs. R. J. Foster; second, C. D. McPherson.

Mare Three Years or Over—First, R. T. Kreipe; second and third, C. D. McPherson; fourth, Mrs. R. J. Foster.

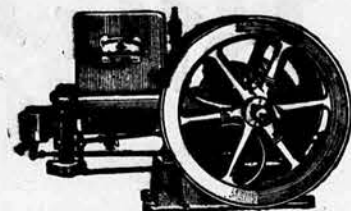
Mare Two and Under Three—First only, R. T. Kreipe.

Mare One and Under Two—First, R. T. Kreipe.

(Continued on page 15.)

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ADVERTISING PAGE FOR READY BARGAINS

DAIRY



In 1907 the population of the United States was eighty-seven million people, and the cattle population was seventy-three million. In 1913 the number of persons had increased to ninety-seven million and the number of cattle had decreased to fifty-seven million; thus, in a period of six years our population increased ten million and our cattle decreased sixteen million. Is it any wonder, therefore, that the cost of beef is high? An Illinois paper in reviewing the situation says there are two causes for the shortage of cattle—calves and creameries. It contends that the calves have been killed off by the millions in order that farmers might avail themselves of the daily or weekly cream check. It contends that the calves are killed early in life because farmers are too busy milking cows to care for the calves. What do you think about it?

Wisconsin leads all the states in the Union in the output of dairy products. The total valuation of such products—butter and cheese—is one hundred million dollars annually and this volume is earned by 177,000 farms of the state. About \$565 is the average income per farm and the general average is nine cows per farm. Be it understood, of course, that in many counties there is an average of less than three cows per farm while in other counties there is an average of twenty-five cows per farm. Green County is a conspicuous example of the dairy development of the many counties of the state. It has 2,600 farms averaging 145 acres, and of which acreage an average of 114 are improved. In this county is found an average of 18 cows per farm or one to each six acres of improved land. This is a good cow population, comparatively speaking, but the report from which the above figures are taken says that these farms are not at all crowded and that on most of them two or three times as many cows could and would be kept except, possibly, on account of the shortage of milkers.

Some time since KANSAS FARMER commended the action of the American Guernsey Cattle Club in its decision to authenticate records of grade Guernseys and to publish such records. The association has determined to publish the records made by grade Guernsey cows upon the payment of a \$2 fee per cow. It appears to us that if the high grade cow is a good thing for the farm dairyman and if it is good for the breed that there may be more of her kind, then we think the \$2 fee should be discontinued. It is certain that the association will get more records of the performances of grade Guernseys if no fee is required for the publishing of the record. The association of breeders of pure-bred dairy cattle are designed to promote the advantages of the pure-bred dairy cow. It will be a long time before all the dairy cows of this country will be pure-bred and eligible to the system of authenticated records devised by the several breeding associations. The use of the grade cow, generally speaking, is the first step to the use of pure-bred cows. Anything that will tend to promote the usefulness and the development and the widespread use of the grade dairy animal will promote the use of pure-bred animals. Let the associations of pure-bred dairy stock loosen up and give the grade cow a chance. There is no need to penalize an ambitious grade cow dairyman to the amount of \$2.

The absurdity of cold storage legislation was never better illustrated than now on the egg markets. Legislators have not been content to have goods branded "Cold Storage Products," and sold as such but must have stated on the package when the goods were placed in storage. This is the law in Pennsylvania. Egg dealers are now compelled to draw on their cold storage stocks because the daily receipts of fresh eggs are not sufficient and in fact not good enough to satisfy the consumers' demand. This because of the weather conditions under which even fresh eggs are laid and in which they are held and marketed. A good egg placed in cold storage in April is better from every standpoint and satisfies the consumer

better than a week-old egg laid marketed during such weather as Likewise, a good egg stored in April is a better egg than the best egg in July. Yet, as a result of the Pennsylvania legislation an egg stored in April and which had been in storage for months would be frowned upon by consumer as compared with an egg stored in July and which, of course, been in storage a much shorter time than the April egg. The same condition applies to dairy products. A pound of the best June butter stored in June, is better butter than a pound of the best it was possible to make in the month of July and which butter was placed in storage immediately after it was made. Likewise, a pound of fancy butter made in June and stored in that month will be better than and more enjoyed by the consumer than the best fresh butter it is possible to make under extremely trying weather conditions. It is our opinion that legislation compelling the branding of goods informing the public that the same have been in storage, is legitimate and would be beneficial to the consumer and detrimental to the producer. The tenses of legislation, as indicated above, are misleading and do damage.

Buttermilk is a beverage so temperate and beneficial to the people of the country—particularly so during the hot weather—that thousands upon thousands of glasses are sold over the counter at cents per glass. Buttermilk, like many other good things in the hands of people who produce those things, is without the appreciation it deserves at the hands of those who produce it. Thousands of Kansas farms and on those farms from which the cream is sold, there is at least one churn of cream made each week and there some resulting buttermilk. As a result this finds its way to the pig trough. It will do the family as much good as it will the pigs. In fact we believe that the family is entitled to consider it in advance of the pigs. If you have not been accustomed to drinking buttermilk it will pay to cool some of the milk from the next churning, set it in the table for supper and note the manner in which it is relished. The use of a few churnings of such buttermilk will result in developing an appetite for it and its constant use as a beverage. Besides being pleasant to drink, it has medicinal qualities which should not be overlooked. There are times of the year when buttermilk made on many farms is not good. Often it is extremely sour. Under such conditions it is not palatable, but there are nine out of ten months of the year when buttermilk can be used as a much appreciated beverage and to the advantage of the family from a healthful standpoint. Those cities in which the buttermilk supply is not adequate to the demand, buttermilk is made from skimmed milk. It is a good product, but in our judgment is not so beneficial as the real buttermilk. The farmer and his family are entitled to the good things first. The pigs and calves should have consideration later.

At a fair which we recently attended was exhibited a device by which it was considered feasible to produce on each farm, a supply of ice sufficient for summer use. The device consisted of a wooden frame in which were placed a sufficient number of paper boxes, uniform in size, to freeze a ton of ice at one filling. The scheme involved is that of building a frame which frame stands on the ground and into which frame is set these paper boxes. The boxes are filled with water and the water in the boxes is allowed to freeze. In ordinarily cold winter weather the water would freeze overnight. The ice is removed from the boxes, stored in an ice-house, the boxes filled again and the water frozen. In a frame ten feet long by six or seven feet wide, a ton of ice could be frozen. With the above suggestion it is possible for the farmer who desires ice to work out plans which will permit him to have such ice at a very reasonable cost. The designer of the arrangement above showed in his printed matter a convenient ice-house to be constructed

Wanted— Successful Farmers

the San Joaquin Valley, California. This valley in the heart of California yet has for over half a million men who will find its fertile acres in the way they should be farmed. There is no room for the failure—place for the man who can not succeed here he is. But there is a wonderful opportunity for the man who has the success habit.

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All this service is free. It is part of the work of the Santa Fe in making to let people know of the advantages along its lines. The road has no land to sell and no interest to give but your ultimate success here.

What the San Joaquin Valley is, and what others are doing here, is told in our two books, which are free and yours for the asking. When you are interested enough to ask further questions, you will find me eager to answer.

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a moderate cost. The ice-house was in fact a little refrigerator big enough to accommodate the ordinary farm family, and around this was built the house into which the ice, frozen as above, was to be packed. The whole scheme was ingenious and is one which can be worked out by any farmer according to his own ideas. The whole plan is so simple that having once seen it the farmer need not purchase the equipment sought to be sold. Ice is a convenience and in fact a deserved luxury for every farm. On such farms as it is desired

the above plan could be worked out, we believe, with a saving of time and labor even, as compared with the cutting of ice on ponds and creeks and hauling a considerable distance to the ice-house. We are not disposed to restrain any man from selling the product of his brain, but when such simple things as this come along we see no necessity for buying when the ingenuity of the average farmer will enable him to construct his own apparatus. On dairy farms the freezing and storing of ice after some such plan as above described is feasible and practical.

Awards, State Fair, Topeka

Continued From Page Thirteen

Kreipe; second, C. D. McPherson; third, Mrs. R. J. Foster.
Mare Under One Year—First, R. T. Kreipe; second, Mrs. R. J. Foster; third, C. D. McPherson.
Pony Under Saddle—First, R. T. Kreipe; second, Mrs. R. J. Foster; third, R. T. Kreipe; fourth, C. D. McPherson.
Pony in Harness—First, third and fourth, R. T. Kreipe; second, Mrs. R. J. Foster.
Pair of Ponies in Harness—First and second, R. T. Kreipe; third, Mrs. R. J. Foster; fourth, C. D. McPherson.
Tandem Team—First and second, R. T. Kreipe; third, Mrs. R. J. Foster.
Four Pony Team—First, R. T. Kreipe; second, Mrs. R. J. Foster.
Five Ponies Bred by One Exhibitor—First only, Mrs. R. J. Foster.
Champion Stallion—R. T. Kreipe.
Champion Mare—R. T. Kreipe.

GRADE PONIES.
Boy Rider, Riding Pony—First, R. T. Kreipe; second and third, C. D. McPherson.
Girl Rider, Riding Pony—First and second, C. D. McPherson.
Pony in Harness—First, R. T. Kreipe; second and third, C. D. McPherson.
Team—First only, C. D. McPherson.

Cattle.
Judges for the cattle department are: James Thompson of Wakarusa, and W. M. Hutcheon, Bolckow, Mo., for beef cattle, and E. F. Stone of Peabody, Kan., for dairy cattle.

SHORTHORNS.
Exhibitors—H. H. Holmes, Great Bend; H. C. Lookabaugh, Watonga, Okla.; William Herkelman, Elmwood, Ia.; E. M. Hall, Carthage, Mo.; H. Rees and Sons, Pilger, Neb.; Harry Forbes, Topeka; R. R. Shulz, Holton; Owen Kane, Wisner, Neb.; Clarence White, Burlington, Kan.; C. S. Nevius, Chiles.
Bull Three Years or Over—First, H. Rees and Sons, Pilger, Neb.; second, C. S. Nevius.



Dr. O. O. Wolf, Superintendent of Cattle, State Fair, Topeka, 1913.

Chiles, Kan.; third, Leeman Stock Farm, Hoopston, Ill.; fourth, C. H. White, Burlington, Kan.
Bull Two and Under Three—First, E. M. Hall, Carthage, Mo.; second, William Herkelman, Elmwood, Ia.
Bull, Senior Yearling—First, C. S. Nevius; second, H. C. Lookabaugh, Watonga, Okla.
Bull, Junior Yearling—First, Owen Kane, Wisner, Neb.; second, H. C. Lookabaugh; third, R. R. Shulz, Holton, Kan.; fourth, C. S. Nevius.
Bull, Senior Calf—First, Owen Kane; second, E. M. Hall; third and fourth, H. Rees and Sons; fifth, H. C. Lookabaugh.
Bull, Junior Calf—First, Owen Kane; second and fourth, H. C. Lookabaugh; third, H. Rees; fifth, H. H. Holmes, Great Bend, Kan.
Cow Three Years or Over—First, H. Rees; second, H. C. Lookabaugh; third, C. S. Nevius; fourth, C. H. White.
Cow Two Years and Under Three—First, William Herkelman; second, E. M. Hall; third, H. Rees; fourth, C. S. Nevius.
Heifer, Senior Yearling—First and third, C. H. White; second, C. S. Nevius; fourth, H. H. Holmes.
Heifer, Junior Yearling—First, second and third, Owen Kane; fourth, H. Rees.
Heifer, Senior Calf—First, Owen Kane; second, H. Rees; third, E. M. Hall; fourth, Harry Forbes of Topeka; fifth, William Herkelman.
Heifer, Junior Calf—First, Owen Kane; second, H. Rees; third and fifth, William Herkelman; fourth, H. C. Lookabaugh.
Senior Champion Bull—Owen Kane.
Junior Champion Bull—Owen Kane.
Senior Champion Cow—H. Rees.
Junior Champion Cow—Owen Kane.
Grand Champion Cow—Owen Kane.
Aged Herd—First, H. Rees; second, E. M. Hall; third, William Herkelman.
Young Herd—First, Owen Kane; second, H. Rees; third, E. M. Hall.
Calf Herd—First, Owen Kane; second, H. Rees; third, E. M. Hall.

Get of Herd—First, Owen Kane; second, H. Rees; third, C. S. Nevius.
Produce of Cow—First, H. C. Lookabaugh; second, H. Rees; third, C. S. Nevius.
KANSAS SPECIAL SHORTHORNS.
Bull Three Years or Over—First, C. S. Nevius; second, C. H. White; third, H. H. Holmes.
Bull, Junior Yearling—First, R. R. Shulz; second, C. S. Nevius.
Bull, Senior Calf—First, C. S. Nevius; second, Harry Forbes; third, C. H. White.
Bull, Junior Calf—First, H. H. Holmes; second, C. S. Nevius; third, C. H. White.
Cow Three Years or Over—First, C. S. Nevius; second, C. H. White; third and fourth, H. H. Holmes.
Cow Two Years and Under Three—First, C. S. Nevius; second, H. H. Holmes.
Heifer, Senior Yearling—First and fourth, C. S. Nevius; second, C. H. White; third, H. H. Holmes.
Heifer, Junior Yearling—First, H. H. Holmes; second and third, C. H. White.
Heifer, Senior Calf—First, Harry Forbes; second, C. S. Nevius; third, C. H. White; fourth, H. H. Holmes.
Heifer, Junior Calf—First, C. S. Nevius; second, H. H. Holmes; third, C. H. White.
Senior Champion Bull—C. S. Nevius.
Junior Champion Bull—R. R. Shulz.
Grand Champion Bull—C. S. Nevius.
Senior Champion Cow—C. S. Nevius.
Junior Champion Cow—H. H. Holmes.
Grand Champion Cow—C. S. Nevius.
Aged Herd—First, C. S. Nevius; second, H. H. Holmes.
Young Herd—First, C. S. Nevius; second, C. H. White.
Calf Herd—First, C. S. Nevius; second, H. H. Holmes; third, C. H. White.
Get of Sire—First and second, C. S. Nevius.
Produce of Cow—First, C. S. Nevius; second, C. H. White.

HEREFORDS.
Exhibitors—J. M. Curtice, Kansas City, Mo.; E. H. Hazlett, El Dorado; O. S. Gibbons & Son, Atlantic, Ia.; Jones Bros., Council Grove, Kan.; Klaus Bros., Bendena, Kan.
Judge—W. M. Hutcheon, Bolckow, Mo.
Overton Harris of Harris, Mo., had 29 entries, and O. E. Green of Genoa, Neb., had 18 entries, and J. P. Cudahy, Belton, Mo., had 23 entries, but none were shown because of the extreme hot weather.
Bull Three Years or Over—First, J. M. Curtice, Kansas City, Mo.; second, Klaus Bros., Bendena, Kan.; third, O. S. Gibbons & Son, Atlantic, Ia.
Bull Two Years and Under Three—First only, R. H. Hazlett, El Dorado, Kan.
Bull, Senior Yearling—First, J. M. Curtice; second, R. H. Hazlett.
Bull, Junior Yearling—First, Klaus Bros.; second, O. S. Gibbons; third and fourth, Jones Bros., Council Grove.
Bull, Senior Calf—First, R. H. Hazlett; second, J. M. Curtice; third and fourth, O. S. Gibbons.
Bull, Junior Calf—First, J. M. Curtice; second, R. H. Hazlett; third, J. M. Curtice; fourth, Jones Bros.
Cow Three Years or Over—First, O. S. Gibbons; second, Jones Bros.; third and fourth, Klaus Bros.
Cow Two Years and Under Three—First, J. M. Curtice; second, Klaus Bros.; third, R. H. Hazlett.
Heifer, Senior Yearling—First, J. M. Curtice; second, R. H. Hazlett; third, Klaus Bros.
Heifer, Junior Yearling—First, J. M. Curtice; second, O. S. Gibbons; third, Klaus Bros.; fourth, Jones Bros.
Heifer, Senior Calf—First, J. M. Curtice; second and third, R. H. Hazlett; fourth, Jones Bros.
Heifer, Junior Calf—First and third, J. M. Curtice; second, R. H. Hazlett; fourth, Jones Bros.
Senior Champion Bull—J. M. Curtice.
Junior Champion Bull—J. M. Curtice.
Senior Champion Cow—J. M. Curtice.
Junior Champion Cow—J. M. Curtice.
Grand Champion Cow—J. M. Curtice.
Aged Herd—First, O. S. Gibbons; second, Klaus Bros.
Young Herd—First, J. M. Curtice; second, R. H. Hazlett; third, Klaus Bros.
Calf Herd—First, J. M. Curtice; second, R. H. Hazlett; third, O. S. Gibbons.
Get of Sire—First, J. M. Curtice; second, R. H. Hazlett; third, Klaus Bros.
BERBERDEN ANGUS.
Exhibitors—A. C. Binnie, Alta, Ia.; Charles E. Sutton, Lawrence; K. S. A. C., Manhattan, Kan.; Parker Parish, Hudson, Kan.
Judge—William Hutcheon, Bolckow, Mo.
Bull Three Years or Over—First, A. C. Binnie, Alta, Iowa; second, K. S. A. C.
Bull Two Years and Under Three—First only, Parker Parish.
Bull, Junior Yearling—First only, A. C. Binnie.
Bull, Senior Calf—First only, A. C. Binnie.
Bull, Junior Calf—First, Charles E. Sutton, Lawrence, Kan.; second, A. C. Binnie.
Cow Three Years or Over—First and second, A. C. Binnie.
Cow Two Years and Under Three—First, A. C. Binnie; second, C. E. Sutton.
Heifer, Senior Yearling—First, C. E. Sutton; second, A. C. Binnie.
Heifer, Junior Yearling—First only, A. C. Binnie.
Heifer, Senior Calf—First, A. C. Binnie; second, C. E. Sutton.
Heifer, Junior Calf—First, A. C. Binnie; second, C. E. Sutton.
Senior Champion Bull—A. C. Binnie.
Junior Champion Bull—A. C. Binnie.
Grand Champion Bull—A. C. Binnie.
Senior Champion Cow—A. C. Binnie.
Junior Champion Cow—A. C. Binnie.
Grand Champion Cow—A. C. Binnie.
Aged Herd—A. C. Binnie.
Young Herd—A. C. Binnie.

(Continued on page 20.)

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Architecture	Good English
Contracting and Building	For Every One
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The Farmer's Friend Knife is made for practical, everyday use. You have paid \$1 or \$1.50 for a knife not as good as this one. Brass lined, German silver mountings and stag horn handle. Large blade, 2 1/2 inches long. Reamer or punch blade, 2 1/2 inches long. This blade indispensable for making various sized holes in leather for buckles, rivets, belt lacing, etc. Both blades are of finest tempered tool steel, finely ground and polished. Every Knife Guaranteed Fully.

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Topeka, Kan.

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We will send KANSAS FARMER on trial 10 weeks for 10 cents. Could you do five of your friends a greater favor than to introduce them to KANSAS FARMER by sending it to him for 10 weeks? To anyone sending us five trial subscriptions we will send, free, one of our three-page wall charts, containing a large map of Kansas, the United States, World, Insular possessions, a fine new map of the Panama Canal, and hundreds of statistical facts of interest, last census of cities, towns, countries, etc. Send us your club today.

White Plymouth Rocks

Again prove their superiority as egg layers in the National Egg-Laying Contest, one White Rock hen laying 281 eggs; 645 hens competing. I have bred White Rocks exclusively for 20 years and have them as good as anybody. Eggs from three high-scoring pens, \$2.00 per 15; \$5.00 per 45, delivered free by parcel post or express. Safe delivery guaranteed. A limited number of eggs from a specially fine mated pen, \$5.00 per 15. You will get what you order, or money refunded.

THOMAS OWEN,
Station B. Topeka, Kansas.

THE STRAY LIST

TAKEN UP BY JOHN DOUGLAS OF Caney Township, Montgomery County, Kansas, address Tyro, Kansas, one black horse pony, age unknown, has three white feet, heart brand on left shoulder; also one dun horse pony with heart brand on each jaw and on left thigh. Said stray was taken up on the second day of May, 1913. Stray ponies valued at fifteen dollars each.

POULTRY



It has been demonstrated that it costs twice as much money to produce a dozen of eggs without an animal food ration as it does with one and that buttermilk is the best kind of animal food for laying hens.

Inasmuch as the corn crop is a failure, the poultrymen will have to depend on wheat as the principal feed for their chickens. It is the best feed that can be fed to laying hens, and they like it better than any other grain.

Now is a good time to save green feed for the coming winter. Cabbage that is not fully headed, beets, turnips or mangels are all good for this purpose. So are alfalfa leaves, though the hens will not eat much of the latter unless the leaves are scalded and mixed with corn meal or bran.

Fowls to produce well must be kept tame. At feeding time, when the birds are hungry, and you have a few minutes time that can be spared, sit or kneel down at the usual feeding place with a bucket of feed, and throw out a little of the feed near you, gradually shortening the distance from day to day. In this way the birds may be made to approach quite close and after a few trials will generally eat from one's hand.

As a result of experiments at the Canadian Experiment Station it has been found that buttermilk as an animal food gives better results than beef scrap or green cut bone. Buttermilk produced the most and cheapest eggs. This is contrary to the generally accepted opinion that there is nothing that equals green cut bone, but facts are stubborn things and these are facts. It was also found disastrous to undertake feeding Leghorns without any meat rations, for the reason that they developed feather eating to such an extent that some of the birds were literally eaten up by each other, and the males were a sorry sight and had to be removed from the pens to save their lives. This was true also to a limited extent with Rhode Island Reds.

The Feeding Test.

For the purpose of determining something about the likes and dislikes of hens, a pen of ten hens, composed of five S. C. White Leghorns and five Buff Orpingtons, were placed in a house and yard at the Missouri State Poultry Experiment Station at Mountain Grove the fifteenth day of last November, and have had 30 different kinds of the most staple foods obtainable in the state placed before them in open hoppers where they might take their choice and help themselves. For the first 8 1/2 months the results have been as follows:

Grains eaten: Wheat, 102 pounds; corn, 77; millet, 72; sunflower seed, 42; kafir, 41; hulled oats, 29; oats, 23; cane seed, 17; buckwheat, 8; cow peas, 5; rye, 4; barley, 4; rice, 2.

Meat food consumed: Buttermilk, 324 pounds; dry beef scrap, 2; fish scrap, 2.

Mill products: Rolled oats, 35 pounds; ground oats, 22; corn meal, 14; shorts or middlings, 13; gluten meal, 6; bran, 6; flour, 2; O. P. oil meal, 1.

Grit: Oyster shell, 20 pounds; grit, 5; charcoal, 2; hard coal ashes, 2.

Green food: Alfalfa meal, 1 pound.

Summary of results for 8 1/2 months: Feed consumed, 559 pounds; water and milk, 759 pounds; eggs laid, 144 pounds; number of eggs laid, 1,144.

It will be seen from the above that these hens ate more wheat than any other one food. They ate principally wheat, corn, millet, sunflower seed, kafir and oats. They ate four times as much ground and rolled oats as they did corn meal. They consumed but very little bran. They used four times as much oyster shell as grit. In animal or meat food they only ate two pounds each of beef scraps and fish scraps, and drank 324 pounds of buttermilk. They were out of buttermilk practically a month during this time, and this accounts for the fact that they drank a little more water than buttermilk. When they had both before them and could

take their choice, they drank about equal quantities of each. If this test indicates anything, it indicates that sour milk or buttermilk is a better meat food than beef scraps or fish scraps. They ate scarcely no alfalfa meal, in spite of the fact that this pen was kept on a bare yard and was given but little other green food. Our poultry will not eat alfalfa meal or shredded alfalfa, even when scalded, unless forced to do so by mixing it with other ground feeds. Out of practically every nine pounds of milk, water and feed consumed, these hens manufactured one pound of eggs.

Taking the Hens through the Moul.

With the arrival of "Dog Days," comes the most critical time in the life of our hens, the time of the annual moult. The shedding of the old feathers and the growing of the new plumage comes just at the time when the vitality of the hen is at low ebb. The long laying season, together with the hot weather, have pretty well drained her strength and brought her to the place where she needs special care if she is to go into the winter season in full vigor, and ready to do her share in replenishing the egg basket.

In a normal moult, about four months are required for a complete change of plumage, the first feathers beginning to fall about the first of July. During the fore part of the moult, egg production is not materially decreased. But as the process advances and the drain on the system incident to the growth of new plumage increases, egg production gradually drops off until, by the first of September, it has practically ceased. As a general rule, egg laying, having once stopped, will not begin again until the new coat of feathers is complete.

Fortunate indeed is the poultry raiser who can successfully bring his hens through the moult and get them to laying again by the middle of November. For, in that case, they will probably continue to lay right through the winter. On the other hand, if they do not get through the moult in time to commence laying before cold weather comes on, they probably will not begin laying until spring. This is the reason why poultrymen who wish to produce winter eggs for market are so anxious to get their hens through the moult early.

As a means to this end, some have advocated forcing the moult. This may be done by practically starving the hens for a week or ten days, and then putting them on a heavy ration of rich food. While this treatment will cause the hens to moult quickly, yet careful experimental evidence is not shown it to be entirely successful in the matter of winter egg production. This is probably due to the general shock of the system caused by the starving process, followed by unusually heavy feeding.

It is the general consensus of opinion that it is best to let Nature take her own course, while man simply sees to it that the environment in which the hen lives together with her feed and care, are as nearly ideal as possible. It is especially important that moulting hens be kept free from lice, and that their roosting quarters be kept free from mites, scrupulously clean and well ventilated. Hens are more susceptible to disease during the moult than at any other time, and it is for this reason that special precautions in matters of cleanliness and sanitation should be taken.

The feeding of moulting hens should not differ greatly from the feeding of laying hens. Both eggs and feathers are rich in nitrogen, so that food which is adapted for making eggs is also adapted for making feathers. Feathers, however, are richer in oil than eggs, and some food of an oily nature should be added to the ration to supply this want. It has been determined conclusively that the adding of a liberal amount of sunflower seed, or flax seed, or oil meal, to the ration of moulting hens, makes them moult faster, and leaves them in a stronger condition with more vitality.

In conclusion it may be said that the successful handling of hens during the moult is a matter of constant watchfulness and attention to details, pertaining to feed, water, care, housing, cleanliness and sanitation.—Missouri Experiment Station.

Bargains in Land

Book of 1,000 Farms, etc., everywhere for exchange. Graham Bros., El Dorado, Kan.

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Improved 120 acres, five miles of good towns; 40 acres prairie hay land, 20 acres prairie pasture, balance in cultivation. Price, \$4,000.
200 Acres unimproved; 40 acres smooth prairie hay land, 160 acres prairie pasture land; spring water. Price, \$35 per acre. Both located in Anderson County.
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320 ACRES Marlon County Land. One hundred acres broke. An ideal stock farm. Splendid terms. Write, LINCOLNVILLE LOAN & REALTY CO., Lincolnville, Kansas.

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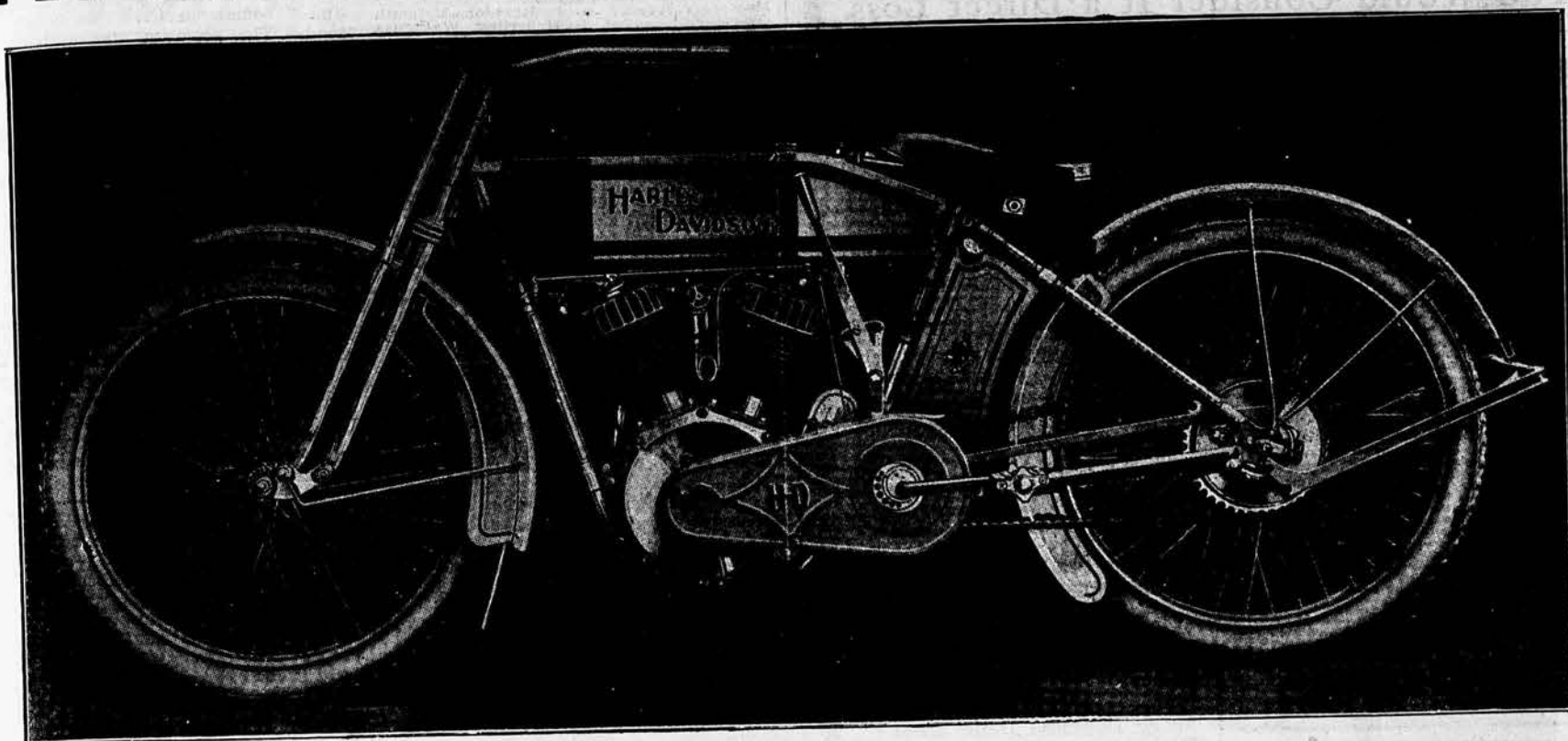
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FREE! THIS \$285 MOTORCYCLE



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We Will Pay You Liberally IN CASH for Every Subscription Secured
You CAN'T LOSE in THIS Contest—Start at Once, It Costs You Nothing to Enter
Make Your Spare Time Pay You a Good Profit **Contest Starts Right Away, Closes Friday, Nov. 7, 1913**

Send in your names and addresses, boys. KANSAS FARMER is going to give away another Motorcycle ABSOLUTELY FREE in a Second Prize Subscription Contest just starting. Five hundred dollars in prizes will be awarded. It doesn't cost you a cent to enter, and we are going to pay you LIBERALLY IN CASH for each subscription you secure and help you to earn from \$8.00 to \$18.00 per week. YOU CAN'T LOSE in this contest, and you have everything to gain. Some fellow is going to win this big, fine, \$285.00 Harley-Davidson Twin Cylinder Motorcycle and make a lot of money besides, just by turning some of his spare time to a good advantage during the next few weeks. WHY NOT YOU?

If you only have a part of your time to spare, you can turn that spare time into cash easily earned and win a spare \$285 Harley-Davidson Twin Cylinder Motorcycle that will bring you more pleasure than anything else you could own. You will not feel that your time is wasted in this contest, because you get paid liberally IN CASH for every subscription you secure, and under the special plan I will send you, subscriptions can be secured EASILY and FAST. You will not know how easily you can really get this Motorcycle until you send in your name and address.

THIS COSTS YOU NOTHING. A complete description of the Harley-Davidson Motorcycle and the other big prizes that will be given away absolutely free will be sent to you, together with the rules of the contest and our easy plan to secure subscriptions fast and make from \$8.00 to \$18.00 per week. If you really would like to have this dandy \$285 Harley-Davidson Motorcycle, latest model, and make money while you are earning it, send in your name and address at once on the blank below.

You Won't Know How Easy It Is Until You Start

Don't think for a minute that some other fellow has a better chance than you have. HE HAS NOT. You will never know how easy it is to win in a Motorcycle Contest or how much money you can make until you enter and get started, which only requires that you send your name and address for full information about the prizes and the contest. You can have just as much fun with this Motorcycle as you could with an automobile, and you can go just as fast and as far, and just think—it will be given away absolutely free, freight charges prepaid to your home. Sign and send the blank at once to

THE CONTEST MANAGER

Kansas Farmer Motorcycle Contest
625 Jackson Street, TOPEKA, KANSAS

The contest will start right away. A certain number of points will be given with subscriptions secured to KANSAS FARMER for which you will be paid, and the boy or man who has the highest number of points to his credit at the close of the contest, Friday, November 7, 1913, at 6 P. M., will be awarded this \$285 Harley-Davidson Motorcycle. The second highest will receive a \$75 Diamond Ring. The third highest will receive a \$50 Gold Watch. The next two highest will each receive a \$45 Life Scholarship in one of the largest Business Colleges in Kansas. A Business or Shorthand Course may be selected. The \$285 Harley-Davidson Motorcycle is guaranteed to be 8-horsepower, new, and in absolutely first-class condition, by KANSAS FARMER. It is sold and guaranteed by the Shawnee Cycle Company, dealers in Harley-Davidson Motorcycles, Topeka, Kan.

You Get Paid Every Week

You don't have to wait until the contest is over to be paid for the subscriptions you secure—you get paid every week. Only those residing in Kansas, Nebraska, Colorado and Oklahoma are eligible to be contestants.

Free Offer Extra to All Who Enter at Once

Don't wait—send in your name and address today on the coupon below and begin making money at once. To all those who send in their names within 20 days A FREE PREMIUM will be sent with the free outfit, and full information about the contest and description of all the prizes, so ACT AT ONCE.

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DEAR SIR:—I desire to enter your Motorcycle Contest. Please send FREE OF COST the FREE PREMIUM and FREE OUTFIT and your special EASY PLAN to get subscriptions FAST, with full information about the prizes and contest, and tell me how I can win the \$285.00 HARLEY-DAVIDSON MOTORCYCLE and earn from \$8.00 to \$18.00 per week at the same time.

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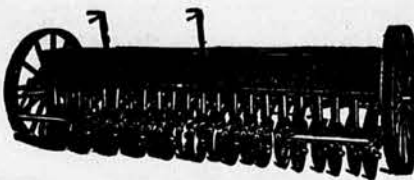
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Should Hail, Frost, Drouth or Bugs
Destroy One-Fourth of Your Crop
You Would Consider It a Direct Loss.

If you are not using a

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you are raising one-fourth less grain each year, than you would had you used it. The Monitor is the only Drill that drops all of the seed in front of the bearing at the bottom of a clean, wide furrow in two rows, at an even depth and covers it with a uniform amount of moist earth.

Every seed grows—absolutely no waste.

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In sections where it is desired to leave the seed bed ridged between the rows of grain to prevent the soil from drifting and to pack the loose soil around the seed, we furnish weight coverers at a small additional cost.

The ridges serve as trenches to hold the snow and rain and are especially useful where the rainfall is light.

We manufacture Drills of every style to meet any conditions in the United States.

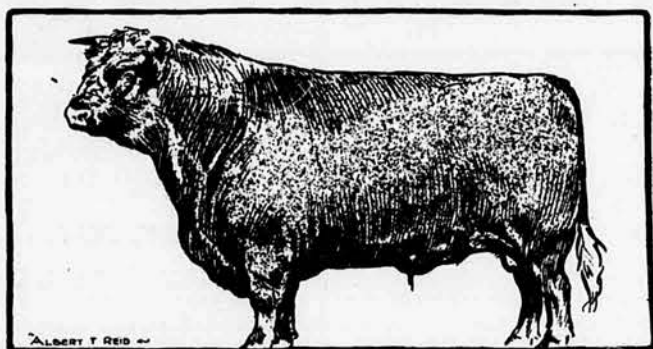
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As a special advertising offer, we will supply you with 1,000 letter heads, printed in two colors with a beautiful farm scene, and carrying a picture of your breed

of poultry, sheep, cattle, horses or hogs, and what advertising matter you might want, at the price you would pay the ordinary printer for one color and without the artistic design.

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The GRANGE

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Sec'y.....C. M. Freeman, Tippecanoe City, O.

Most of the estimates for the size of the seventh degree class, next November, when revised, have been increased. Massachusetts now promises 1,000.

The first adequate history of the Granger Movement, centering about the Order of the Patrons of Husbandry, or the Grange, is to be published September 3 under the title "The Granger Movement." The author, Dr. Solon J. Buck, of the University of Illinois, presents in a work of particular present day interest a comprehensive study of this nation-wide organization among farmers for protection and co-operation. The political aspects of the Granger Movement, as well as its connection with the beginnings of railroad regulation and with the co-operative movement in America, are treated at length. The book is published by the Harvard University Press, Cambridge, Mass.

Dried Fruit.

There are plenty of dried peaches in these parts, for the gathering. Apples not so plentiful, but dried to the Queen's taste.—A. B. H.

Pointers Toward Co-operation.

Collected by A. B. HESTER from 40th and 41st Journals of Proceedings.

Woman's Work Committee Meeting.

The W. W. C. of Equity Grange, Lone Elm, held its regular monthly meeting at the home of Sister Buchanan, where a bountiful three-course dinner was served to forty-four members and guests. Excellent papers on "Woman

in Business," "Woman as Wife and Mother," "Woman in the Professions," and "Woman in Civic Reforms," were read. The program was enlivened by vocal and instrumental music and a humorous reading.

The roll call toasts to woman were fine; the following by Lettie A. Myers, former State Chairman of Woman's Work Committee, was especially noteworthy: "Here is to woman, with God-given love for home, husband and children—the mother of our nation and our state. May her influence reach out in a cyclonic movement, world-wide, and grasp the throats of the whiskey soakers, brand with fire the white-slavers, sew up the slits in the so-called dressy skirts, and clothe with decency and modesty the females of the world. May the ballot to be cast by her hand be a power for peace, purity and justice, for which she stands."

Please let us hear from other committees through our columns in KANSAS FARMER.—ADELIA B. HESTER.

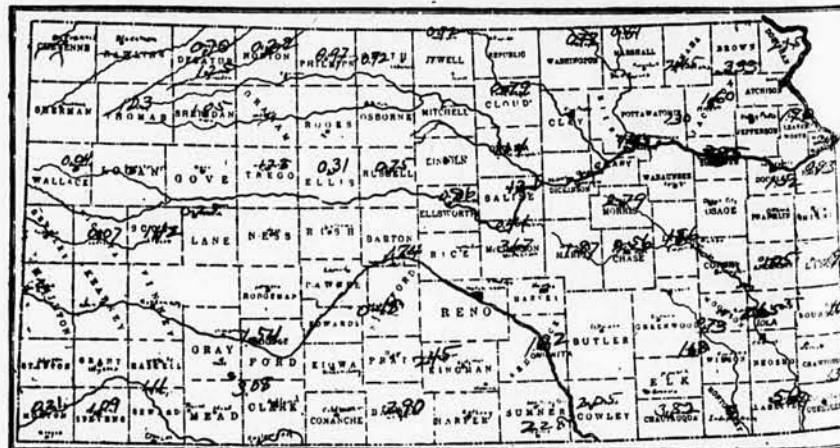
A Prophecy.

The following is a quotation from Sister Sarah J. Lovett in closing her report at the forty-first session of Kansas State Grange:

"A century from now a keen observer, looking upon the respectable and proper institutions of the world, will see a great brotherhood; he will see that it numbers millions; he will see that it sways political forces as the wind bends the full-grown grass; he will see it encouraging all laudable enterprises and fostering all pure and ennobling institutions; he will observe the whole world giving honorable attention and looking hopefully for great and good results to follow from the operation of its wisely directed forces; he will hear it pronounced 'Grange'; he will inquire of its origin and will learn that its beginning dates back a hundred and fifty years; he will be amazed and will look for the secret of its life, growth, power and honor; he will find it in the exemplification of all that is noblest of human principles—fraternity."

Are we each doing our part toward the fulfillment of this prophecy?—A. B. H.

KANSAS CROP REPORT FOR WEEK ENDING SEPTEMBER 13



Rain Chart prepared by T. B. Jennings from reports collected by the Weather Bureau.
UNITED STATES WEATHERS OBSERVER'S REPORT BY COUNTIES.

Allen—Good rains during week. Alfalfa and wheat seeding in progress.

Anderson—Some rain, will help kafir and cane and put ground in shape for plowing and seeding.

Barber—Approximately two inches of rain. On account of shortage of pasture large acreage of wheat will be sown.

Barton—Wheat seeding commenced. Pastures improving where rain fell. Rain local.

Bourbon—Week cool and rainy. Farmers badly in need of water. Plowing for wheat. Early corn fairly good. Some late feed.

Chase—Not enough rain to improve water situation.

Crawford—Sowing rye for fall pasture. Wheat seeding on corn grounds. Wells still dry.

Decatur—Farmers getting ready for wheat seeding. Good rains over the county.

Doniphan—Heavy rain on September 10. Pastures benefited. Too late for corn.

Douglas—Rain benefited apples and pears. Plowing for wheat. Sowing will commence next week. Pastures getting green.

Ellsworth—Farmers sowing wheat and feeling better since rain and cooler weather.

Greenwood—Rain put ground in fine condition for wheat sowing, but not enough to relieve the stock water situation.

Jackson—Fine rain. Plowing for wheat has commenced.

Jewell—Rain and cooler. Fodder still being cut. Some silo filling.

Johnson—Cooler. Drouth not broken. Grass roots dead. Stock water scarce. Few peaches on the market. Light wheat crop will be sown.

Labette—Cool wet week. Scarcely any sunshine during week.

Lane—Weather cooler. Stock in good condition. Grass good.

Leavenworth—Drouth broken. Prospect

for fall pasture improved.

McPherson—Some rain. Cooler.

Marion—Good rains. Farmers sowing rye and wheat. Kafir beginning to grow again.

Alfalfa growing fast.

Marshall—Rain covered most of county. will help pastures and prairie hay to some extent. Potatoes about half crop. Fodder cutting done. Seeding commenced.

Morton—Rain and cooler.

Morris—Ponds filled. Some water running in streams. Neosho running first time since early in July.

Nemaha—Corn cutting about two-thirds done. Fine rains. Prospect for light crop alfalfa. Will be large acreage of wheat sown.

Norton—Cooler weather. Not enough moisture to be of any benefit. Plenty of water in wells. Plenty roughage for stock.

Ottawa—Rains put plowed land in fine condition for seeding. Pastures improved.

Wheat drilling in progress.

Russell—Good rains, but need more.

Saline—Drouth broken; cooler. Farmers getting ground in shape for seeding.

Scott—Fine rains. Ground in fine shape. Farmers sowing wheat.

Sedgwick—Drouth broken. Pastures benefited. Farmers getting ready for fall seeding.

Smith—Light rain brightened everything. More needed for fall plowing.

Stafford—Good rains during week.

Stevens—Good local rains.

Sumner—Rain.

Thomas—Good rains. Corn and all green feed cutting rushed. Sowing wheat. Silo filling done.

Wichita—Cool cloudy week. Light frost in places.

Woodson—Light showers during week. Too dry for wheat seeding. Feed and stock water scarce in some locations.

FIELD NOTES

FIELD MEN.

Devine.....Topeka, Kan.
R. Johnson.....Clay Center, Kan.
Cody.....Topeka, Kan.

PURE BRED STOCK SALES.

Holstein Friesians.
11-22, 1913—Woodlawn Farm, Sterling.
4—Henry C. Gilsman, Omaha, Neb.

Jersey Cattle.
Alvey Bros., Meriden, Kan. Sale at
Topeka, Kan.
Everett Hays, Hiawatha, Kan.

Poland Chinas.
Frank Michael, Erie, Kan.
J. L. Griffiths, Riley, Kan.
N. R. Riggs, Lawson, Mo.
D. S. Moore, Mercer, Mo. Sale at
Iowa.

Freeman & Russ, Kearney, Mo.
T. E. Durbin, King City, Mo.
Roy Johnston, South Mound, Kan.
L. V. O'Keefe, Birmingham, Kan.
H. B. Anderson, Lathrop, Mo.
P. M. C. Graner, Lancaster, Kan.
E. E. Conover, Stanberry, Mo.
J. H. Baker & Son, Butler, Mo.
R. J. Peckham, Pawnee City, Neb.
A. B. Garrison & Sons, Summer-

Kan.
J. W. Leeper, Norton, Kan.
Verny Daniels, Gower, Mo.
M. T. Williams, Valley Falls, Kan.
Walter Hildwein, Fairview, Kan.
Hubert J. Griffiths, Clay Center.

Lomax & Starrett, Leona, Kan.
Joe Schneider, Nortonville, Kan.
A. R. Reystead, Mankato, Kan.
T. M. Willson, Lebanon, Kan.
S. Young, Stahl, Mo.
H. H. Harter, Westmoreland, Kan.
W. E. Dubois, Agra, Kan.
John Kemmerer, Mankato, Kan.
Roy Johnston, South Mound,

Edward Frasier, Archie, Mo.
John B. Lawson, Clarinda, Iowa.
Wigstone Bros., Stanton, Iowa.
H. B. Walter, Effingham, Kan.
H. C. Graner, Lancaster, Kan.
H. L. Faulkner, Jamesport, Mo.
H. Fesemeyer, Clarinda, Iowa.
Night sale—L. R. McClarnon,

W. Z. Baker, Rich Hill, Mo.
V. E. Carlson, Formosa, Kan.
A. R. Reystead, Mankato, Kan.
W. E. Long, Meriden, Kan.
J. E. Willis, Prairie View, Kan.
J. F. Foley, Ononoke, Kan. Sale
Norton, Kan.

L. E. Klein, Zeandale, Kan.
J. H. Harter, Westmoreland, Kan.
J. L. Griffiths, Riley, Kan.
W. A. Davidson, Simpson, Kan.

Duroc Jerseys.
Moser & Filtzwater, Goff, Kan.
J. A. Welshar, Dillon, Dickinson
Kan.

A. M. Rinehart & Son, Smith Cen-
ter, Kan.
N. B. Price, Mankato, Kan.
E. S. Davis, Meriden, Kan.
Leon Carter, Asherville, Kan.
E. C. Jonagan, Albany, Mo.
C. C. Thomas, Webber, Neb. Sale
Superior, Neb.

John T. Higgins, Abilene, Kan.
R. P. Wells, Formosa, Kan.
Ward Bros., Republic, Kan.
W. E. Monasmith, Formosa, Kan.
N. B. Price, Mankato, Kan.
Moser & Filtzwater, Goff, Kan.
Samuelson Bros., Cleburne, Kan.
Leon Carter, Asherville, Kan.
Horton & Hale, DeKalb, Mo. Sale
Rushville, Mo.

E. G. Munsel, Herkimer, Kan.
Howell Bros., Herkimer, Marshan
county, Kan.
Kansas Agricultural College, Man-
hattan, Kan.
Thompson Bros., Garrison, Kan.
J. A. Porterfield, Jamesport, Mo.
Edw. Fuhrman & Sons, Oregon,
Mo.

John Emigh, Formosa, Kan.
Dana D. Shuck, Burr Oak, Kan.

Polands and Durocs.
Fred G. Laptad, Lawrence, Kan.

Chester White and O. I. C.
J. H. Harvey, Maryville, Mo.
George E. Norman & Sons, New-
town, Mo.
J. S. Kennedy, Blockton, Iowa.
J. D. Billings, Grantville, Kan.

Hampshires.
H. D. DeKalb, DeKalb, Iowa. Sale
at Council Bluffs, Iowa.
H. D. DeKalb, DeKalb, Iowa.

A Pocket Calculator Free.
Almost every problem likely to come up
any line of business—office, store, farm
factory—is quickly answered by Ropp's
Calculator, saving hours of work,
money and wrangle.

This book is a com-
petent and accurate au-
thority. Prevents your
own mistakes or the
mistakes of others. It
will save you many
dollars every year. If
you want to know the
interest on any sum
for any length of time
at 3, 3½, 4, 4½, 5,
5½, 6 or 7 per cent,
you can have the an-
swer at once. The
proceeds of any bill is instantly found.
Your hired man wants to know how
much he can give him the fig-
ures by month, week or day. The book
contains so much of value that it would be
impossible to cover it in this space. You
can get a copy of this calculator free, how-
ever, by writing the Keystone Steel &
Wire Co., 830 Industrial St., Peoria, Ill.
They are sending this 50-cent book to all
who are interested in better fencing and to
help advertise their "Square Deal" Fence,
which is built different from all others,
the "Square Deal" fence book and Ropp's
calculator are both sent free, postage paid.

D. C. VanNise of Richland, Kan., is
one of the best herds of Polled
Jersey cattle ever brought out by any
cattle breeder. Don't fail to see them at
the leading fairs.

Col. R. L. Harriman, Buncheon, Mo.,
spent a day at the Kansas State Fair at
Topeka. The Colonel is widely known as a
stock auctioneer and is a member of
the firm of Harriman Bros., who own one
of Missouri's best herds of Shorthorn cattle.

Tourists Profit by Proper Precautions.

"One-half the enjoyment of touring is
immunity from the troubles," says L. C.
Rockhill, manager automobile tire depart-
ment, the Goodyear Tire & Rubber Co.,
Akron, Ohio. "The average owner-driver
can enjoy this immunity by exercising care
in making his preparations. Blowouts,
punctures and other tire troubles are hold-
ups that he looks forward to with no degree
of enjoyment, whereas a little preparation
in the way of accessories for temporary
repairs obviates unnecessary delay. In the
first place he should be sure that his cas-
ings and tubes are in good condition and
that he has an extra supply of both. Then
with a good air pump, a tire gauge to test
the air pressure in his tires, and a supply
of tire repair devices, he can go on his
way confident that he has taken every pre-
caution to sidestep tire troubles. He will
find that, thus prepared, his tour will be
more enjoyable both for himself and his
party."

(First published September 30, 1913.)
PUBLICATION NOTICE.
In the District Court of Shawnee County,
Kansas.
F. G. Thomas, Plaintiff,
vs.
William C. Knox, doing business as Wil-
liam C. Knox & Company; William C.
Knox, surviving partner of Hodges &
Knox; Halle H. Knox, sole surviving heir
at law of Harry C. Hodges, deceased;
partner of William C. Knox; J. H. Evans;
L. S. Perry, and L. S. Perry, assignee of
J. H. Hunt, deceased; Mary R. Hunt, de-
ceased; Hannah Nevels; Robert S. Stev-
ens; Ellen C. Beals, and George L. Beals,
if living, and if dead, the unknown heirs,
executors, administrators, devisees, trust-
ees and assigns of the said Hannah Nevels,
Robert S. Stevens, Ellen C. Beals, and
George L. Beals, and the unknown heirs,
executors, administrators, devisees, trust-
ees and assigns of George Goodbar, de-
ceased—Defendants.

No. 28222.
The State of Kansas to William C. Knox,
doing business as William C. Knox & Com-
pany, William C. Knox, surviving partner
of Hodges & Knox; Halle H. Knox, sole
heir at law of Harry C. Hodges, deceased;
partner of William C. Knox; J. H. Evans;
L. S. Perry, and L. S. Perry, assignee of
J. H. Hunt, deceased; Mary R. Hunt, de-
ceased; Hannah Nevels; Robert S. Stev-
ens; Ellen C. Beals, and George L. Beals,
if living, and if dead, the unknown heirs,
executors, administrators, devisees, trust-
ees and assigns of the said Hannah Nevels,
Robert S. Stevens, Ellen C. Beals, and
George L. Beals, and the unknown heirs,
executors, administrators, devisees, trust-
ees and assigns of George Goodbar, de-
ceased—Defendants.

You and each of you are hereby notified
that you have been sued by the above
named plaintiff in the District Court of
Shawnee County, Kansas, in an action
wherein F. G. Thomas is plaintiff and you,
the said William C. Knox, doing business
as William C. Knox & Company; William
C. Knox, surviving partner of Hodges &
Knox; Halle H. Knox, sole surviving heir
at law of Harry C. Hodges, deceased; par-
ner of William C. Knox; J. H. Evans; L. S.
Perry, and L. S. Perry, as assignee of J. H.
Hunt, deceased; Mary R. Hunt, deceased;
Hannah Nevels; Robert S. Stevens; Ellen
C. Beals, and George L. Beals, if living,
and if dead, the unknown heirs, execu-
tors, administrators, devisees, trustees and
assigns of the said Hannah Nevels, Robert
S. Stevens, Ellen C. Beals, and George L.
Beals, and the unknown heirs, execu-
tors, administrators, devisees, trustees and
assigns of George Goodbar, deceased, great-
ing:

and if dead, the unknown heirs, execu-
tors, administrators, devisees, trustees and
assigns of the said Hannah Nevels, Robert
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Beals, and the unknown heirs, execu-
tors, administrators, devisees, trustees and
assigns of George Goodbar, deceased, great-
ing:

Classified Advertising

Advertising "bargain counter." Thousands of people have surplus items or stock
for sale—limited in amount or numbers hardly enough to justify extensive display adver-
tising. Thousands of other people want to buy these same things. These intending
buyers read the classified "ads"—looking for bargains. Your advertisement here reaches
over 800,000 readers for 4 cents a word per week. No "ad" taken for less than 60 cents.
All "ads" set in uniform style, no display. Initials and numbers count as words. Ad-
dress counted. Terms, always cash with order.
SITUATIONS WANTED ads, up to 25 words, including address, will be inserted free
of charge for two weeks, for bona fide seekers of employment on farms.

HELP WANTED.

**AGENTS—NOVELTY KNIVES AND RA-
sors are lightning sellers. 100% profit. Ex-
clusive territory. Goods guaranteed. Nov-
elty Cutlery Co., 168 Bar St., Canton, Ohio.**

**WANTED—MEN AND WOMEN FOR
government positions. Examinations soon.
I conducted government examinations. Trial
examination free. Write Gannett, 4847, St.
Louis.**

**FREE ILLUSTRATED BOOK TELLS OF
about 300,000 protected positions in U. S.
service. Thousands of vacancies every year.
There is a big chance here for you, sure and
generous pay, lifetime employment. Just
ask for booklet S-809. No obligation. Earl
Hopkins, Washington, D. C.**

**WANTED—MEN AND WOMEN OVER 18
for U. S. Government positions, \$65.00 to
\$150.00 month. Thousands of appointments
this year. Pull unnecessary. Farmers elig-
ible. Common education sufficient. Write
for free booklet of positions open to you.
Franklin Institute, Dept. T 55, Rochester,
N. Y.**

**YOUNG MAN, WOULD YOU ACCEPT
and wear a fine tailor made suit just for
showing it to your friends? Or a Slip-on
Raincoat free? Could you use \$5 a day for
a little spare time? Perhaps we can offer
you a steady job? Write at once and get
beautiful samples, styles and this wonderful
offer. Banner Tailoring Co., Dept. 493,
Chicago.**

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

REAL ESTATE.

**CATHOLIC HOMESEEKERS. WRITE
for list. T. J. Ryan & Co., St. Marys, Kan.**

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

**NORTHWEST ARKANSAS FARMS—
Benton County. Ideal climate. Good crops
as usual. Map and prices free. Write
Behart Land Co., Cave Springs, Ark.**

**FOR EXCHANGE—CHOICE TOPEKA
residence, near Washburn College, equity
\$3,500, for clear land. Chaney & Co., To-
peka, Kan.**

**ELLIS COUNTY—WRITE ME FOR
bargains in wheat and alfalfa lands; 30,
160 or 320 acres. Lands to exchange for
other property. H. W. Oshant, Hays City,
Kan.**

**OFFICIAL BULLETINS RELATING TO
the agricultural opportunities of Wisconsin
may be had by addressing Wisconsin State
Board of Immigration, Capitol 133, Mad-
ison, Wis.**

**FOR SALE—160-ACRE DAIRY FARM.
silo and other good improvements; close to
Alva, Okla., population 7,000, seat of Nor-
mal School. Answer Dept. A. M. O., Kan-
sas Farmer.**

**COLORADO WANTS YOU. WE NEED
2,000 more good farmers this year. Oppor-
tunities unsurpassed, farm land advancing.
Ask for free reliable information. Gris-
wold, Farm Specialist, 405 Chamber of
Commerce, Denver, Colo.**

**FARMS WANTED—WE HAVE DIRECT
buyers. Don't pay commissions. Write
describing property, naming lowest price.
We help buyers locate desirable property
free. American Investment Association, 48
Palace Bldg., Minneapolis, Minn.**

**OREGON BOOK FREE. SENT ON RE-
quest. Official state book telling of Ore-
gon's resources, climate and agricultural
opportunities for the man of moderate
means. Questions will have painstaking
answer—we have nothing to sell. Room 16,
Portland Commercial Club, Portland, Ore.**

**LOS ANGELES—FOR RELIABLE IN-
formation on Los Angeles and vicinity ad-
dress the Los Angeles Chamber of Com-
merce. If you ever visit the city be sure
and see the free exhibit maintained by the
Los Angeles Chamber of Commerce, which
is one of the greatest displays of the
natural products of the soil in the world.**

**FOR SALE OR EXCHANGE—240 ACRES
of river bottom land situated in the south-
ern part of Idaho, the Italian climate of
the United States, under the Indian Cove
Irrigation District, six miles from railroad,
where you can produce six tons of alfalfa
or 80 bushels of oats to the acre. All other
crops grow to perfection. No droughts to
contend with. Sure crops every year on
this rich never-failing soil. The owner is
too old to farm and wants to sell or trade
for income property at its value. Will sell
in small tracts if purchaser desires, and on
terms to suit. Land is nearly level. Clear
of debt except water rights. Price, \$100 an
acre. Address the owner at Boise, Idaho.
S. C. Robinson.**

BEE SUPPLIES.

**BEE SUPPLIES. ROOTS GOODS. SEND
for catalog. O. A. Keene, 1600 Seward Ave.,
Topeka, Kan.**

DOGS.

**PURE-BRED SCOTCH COLLIE PUPPIES
now ready for shipment. M. L. Dickson,
Englewood, Kan.**

PATENTS.

**SEND FOR FREE BOOKLET, ALL
About Patents and Their Cost. Shepherd &
Campbell, Patent Attorneys, 500-R Victor
Bldg., Washington, D. C.**

CATTLE.

**FOR SALE—REGISTERED HOLSTEIN
bulls. Smith & Hughes, Topeka, Kan.,
Route 2.**

**WELL-BRED GRADE HOLSTEIN BULL
calves crated at \$20 per head while they
last. Arnold & Brady, Manhattan, Kan.**

**FOR SALE—ONE EXTRA GOOD HOL-
stein bull, one year old; big stock; weight
of dam, 1,600 pounds. Price, \$400. W. S.
Davison, Michigan Valley, Kan.**

**FOR SALE—25 HEAD 2-YEAR-OLD
Jersey heifers in calf; some springing now.
Also a few choice Jersey cows. R. F. Hod-
gins, Topeka, Kan.**

**FOR SALE—REGISTERED BROWN
Swiss Bulls. Will make attractive prices
on several heifer calves. Write your wants.
Dahlem and Schmidt, Route 2, Eldorado,
Kan.**

**FOR SALE—32 HEAD HOLSTEINS,
Shorthorns and Jerseys, all bred from win-
ter cows. Good young stock. Owned by
dairymen going out of business. Sell all for
\$60 a head. Jack Hammel, 215 Adams St.,
Topeka, Kan.**

MISCELLANEOUS.

**WANTED—SHEEP TO WINTER ON
the shares. D. Runner, Geneva, Kan.**

**BOOK-KEEPING OR SHORTHAND
course easily mastered. Easy terms. Write
for book 26 Brown's Correspondence School,
Freeport, Illinois.**

**EXPERIENCED FARMER, MARRIED,
wants job on farm where house, cow and
garden is furnished. Wife expert at pou-
try raising. Four in family. John H. Har-
ris, Piper, Kan., care James Talbert.**

**FENCE POSTS—GENUINE RED CEDAR.
The most durable. Shipped in mixed cars
with cedar shingles. Write for freight paid
prices. Keystone Lumber Co., Tacoma,
Wash.**

**FULL SET OF SPARK PLUGS FREE TO
those who get three friends to adopt the
best plugs made, regardless of price. Over
75,000 sold. Four Standard Dollar plugs
sent on receipt of \$1.50. Opposite Products
Company, South Bend, Indiana.**

**WE PAY THE FREIGHT AND SEND
you absolutely free a 5-lb. pair feather pil-
lows as an introduction along with your
order enclosing ten dollars for our famous
36-lb. feather bed. New feathers. Best
tickling and equipped with sanitary vani-
lators. Satisfaction guaranteed. Delivery
guaranteed. Agents make big money.
Turner & Cornwell, Dept. 91, Memphis,
Tenn., or Charlotte, N. C.**

**WANT TO CORRESPOND WITH KAN-
sas farmers and business men who are
looking for a better location. Free infor-
mation furnished concerning our industries,
immense harbor and shipping, big factories,
agriculture, etc. You can make money
easier here than anywhere else and
enjoy a moderate healthful climate every
day in the year. Write R. L. Blaby, Sec'y
Chamber of Commerce, Long Beach, Calif.,
for free information about business oppor-
tunities of Southern California.**

SEEDS AND PLANTS.

**SEED RYE. JOHN D. ZILLER, HIA-
watha, Kan.**

**ALFALFA SEED \$5 TO \$8 PER BUSHEL
f. o. b. A. M. Jordan, Route 4, Manhattan,
Kan.**

**KHARKOF SEED WHEAT, TEST 62,
sacked, f. o. b. on board car for \$1.10 per
bushel. V. E. Carlson, Formosa, Kan.**

**ALFALFA SEED FOR SALE AT \$7.00
per bushel, just threshed, Clean seed. Write
for samples. G. A. Petty, Toronto, Kan.**

**ROSE LAWN FARM KHARKOF WHEAT.
Pure graded seed \$1.20 per bu., f. o. b. Mc-
Pherson. Sample free. Wilson G. Shelley,
McPherson, Kan.**

**ALFALFA SEED. FANCY ALFALFA
seed for sale. Fine quality, non-irrigated
seed, no weeds. \$8.25 per bu. Write for
samples. Horney Bros., Neodesha, Kan.**

AUSTRALIA.

**SPECIAL LAND SEEKER'S EXCUR-
sion next November, to Victoria, Australia.
Early reservation of berths desired. Re-
duced steamship passages and free rail
travel for inspection. Government of Vic-
toria wants settlers and offers unusual op-
portunities. Land suitable to all require-
ments; exceptional terms. Free particulars
from F. T. A. Fricke, government represen-
tative (from Victoria), Box 34, 687 Market
St., San Francisco.**

HOGS.

**REGISTERED HAMPSHIRE PIGS FOR
sale, 75 pounds, \$15.00. Will Woodruff,
Kinsley, Kan.**

HORSES AND MULES.

**FOR SALE OR TRADE—PERCHERON
stallion, 5 years old; black; breeds large
colts with quality. Winder Bros., Waldo,
Kan.**

HONEY.

**FOR HONEY FROM HIVE DIRECT TO
you, write A. S. Parson, Rocky Ford, Colo.**

**GUARANTEED PURE EXTRACTED
honey gathered by my own bees. Freight
paid on 120-pound case for \$12. W. C.
Evans, Route 1, Box 17, Fort Collins, Colo.**

**HONEY—SIX TONS EXTRACTED
honey for sale, white clover and heartsease.
Refined on the hive. Thick, rich and deli-
cious. Sixty cases of No. 1 comb, fine.
W. S. Paugburn, Center Junction, Iowa.**

100

POLAND CHINAS

POLAND CHINAS

Long King's Equal and A Wonder Jumbo

One hundred and seventy-five pigs sired by the above-named boars and out of Wonder, Long King's Equal, and my famous Jumbo sows. We are headquarters for all kinds of Poland Chinas. Will also sell a few bred sows. Breeders will find the largest and best type Poland Chinas in this herd. Come and see them and you will be convinced. If unable to come, write me and I will do my best to please you. "Satisfied Customers" is my motto. All go at private sale. No fall sale.

JOHN B. LAWSON, Clarinda, Iowa.

35 Immune Poland China Spring Boars

Sired by big Iowa bred boars and out of 700-lb. sows. The blood of A Wonder, Long King, etc. Price for thirty days, \$25 to \$35. Immune and fully guaranteed. Send check with first letter if desired.

J. L. GRIFFITHS, RILEY, KAN.

CLOVER LEAF HERD

Big bone, big type, high-quality Poland. A few choice spring boars and gilts sired by Mastodon Wonder and King Prospect. They go at \$20 per head if taken at once. Get your order in early.

JACOB SPARKS, PATTONSBURG, MO.

GILDOW'S MAMMOTH POLAND CHINAS.

Special Offering for the Next Sixty Days: Fifty big spring boars, fifty big stretchy gilts and yearling and aged sows, either bred or open. These are all the big, stretchy kind, combining size with quality. Don't fail to see our show herd at Topeka, Hutchinson, St. Joseph, Sedalia, and the American Royal. Write us today. We are offering bargains.

DR. JOHN GILDOW & SONS, JAMESPORT, MISSOURI.

BIG POLAND BOARS

FALL BOARS, ready for service. Price, \$25 and \$30. Good ones, sired by Wedd's Long King, Wedd's Expansion and Big Logan Ex. Order quick. These bargains won't last.

GEO. WEDD & SON, Spring Hill, Kan.

SAVE FIFTEEN DOLLARS

I have some magnificent old original big-boned Spotted Poland China boar pigs, of large farrow, for sale at \$20.00. These are absolutely equal in every respect to what other breeders are asking \$35 for. I also have gilts of all ages, bred or open, and a few sows bred for early fall litters. Write your wants.

THE ENNIS FARM, Horine Station, Mo.

(30 Miles South of St. Louis.)

ERHART BIG TYPE POLAND CHINAS

Head of strictly big type Poland China pigs for sale at reduced prices for 30 days. Herd headed by Major B. Hadley the Grand Champion, American Royal, 1911. Young Hadley—Giant Wonder—by A Wonder. Write today. We want to sell quick.

A. J. ERHART & SON, Beeler, Kansas.

SHORTHORNS and POLAND CHINAS

One extra yearling red Scotch bull that we intended to show, sired by Whirlwind by Captain Archer, he is out of one of our best cows, a daughter of Hampton Knight. This young bull is good enough to head any herd. We also offer our yearling herd boar A's Big Orange, and 25 young boars.

S. B. AMCOATS, Clay Center, Kansas.

BIG-TYPE POLAND CHINA PIGS

Both sexes, February and March farrow. Fifty-five head, tops from 100 head, sired by Ross Hadley and Hadley C. out of extra big sows of Expansive. Price We Know. King Mastodon and Mogul breeding. Can furnish pairs not related. Well grown out in alfalfa pasture and of the best big-type breeding.

JOHN COLEMAN, Denison, Jackson County, Kansas.

25 REGISTERED POLAND CHINAS FOR SALE

Thirty-two sows bred for summer and fall; 20 fall gilts, bred or open; six fall boars, tops from fall crop; 13 spring pigs. Both big and medium type. Sell at reasonable prices with big discounts on several head.

J. D. WILFONG, Zeandale, Kan.

SPRING PIGS, 100 DAYS OLD

Forty big-type Poland pigs, sired by Big Four Wonder, grandson of A Wonder and Orange Model 2d by Big Orange. Will sell them until they are 100 days old for \$25 each. Pairs not related. \$40. First choice with every sale. Inspection invited.

L. L. CLARK, Meriden, Kansas.

MELBOURNE HERD POLAND CHINAS.

Headed by Melbourne Jumbo, one of the large smooth sires of the breed, mated with the best of big-type sows, among them daughters of What's Ex, Big Prospect, Dorris' Expansion 1st, and Union Leader.

R. E. DAVIS, Hiawatha, Kansas.

POLAND CHINA GILTS FOR SALE.

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Awards, State Fair, Topeka.

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BROWN SWISS SPECIAL.

Grand Champion Bull—Dahlem & Schmidt.

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Exhibitors—Capital View Ranch, Silver Lake; A. O. Huff, Arcadia, Neb.; C. D. McPherson, Topeka.

Judge—George Hendry.

Bull Three Years Old or Over—First, Capital View Ranch, Silver Lake; second, A. O. Huff, Arcadia, Neb.

Bull Two Years and Under Three—First, Capital View Ranch; second, A. O. Huff.

Bull, Senior Yearling—First only, A. O. Huff.

Bull, Junior Yearling—First and second, Capital View Ranch; third, A. O. Huff.

Bull, Senior Calf—First and second, Capital View Ranch; third, A. O. Huff.

Bull, Junior Calf—First only, A. O. Huff.

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Heifer, Senior Calf—First only, Capital View Ranch.

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Senior Champion Bull—Capital View Ranch.

Junior Champion Bull—Capital View Ranch.

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Junior Champion Heifer—Capital View Ranch.

Grand Champion Cow or Heifer—Capital View Ranch.

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Calf Heifer—First, Capital View Ranch; second, A. O. Huff.

Get of Sire—First and second, Capital View Ranch; third, A. O. Huff.

Produce of Cow—First and second, Capital View Ranch; third, A. O. Huff.

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Exhibitors—R. H. Hazlett, El Dorado, Kan.; O. S. Gibbons & Sons, Atlantic, Iowa; William Herkelman, Elmore, Iowa; E. M. Hall, Carthage, Mo.; Rees & Sons, Pilger, Neb.; Jones Brothers, Council Grove, Kansas State Agricultural College, Manhattan; Klaus Brothers, Bendena; C. D. McPherson, Topeka.

Judges—W. M. Hutcheon and G. E. Clark.

Steer, Spayed or Martin Heifer, Two Years, Under Three—First and second, K. S. A. C.; third, William Herkelman.

Steer, Spayed or Martin Heifer, One Year, Under Two—First, K. S. A. C.; second, R. H. Hazlett; third, H. Rees & Sons.

Steer Under One Year—First, K. S. A. C.; second, E. M. Hall; third, K. S. A. C.

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Best Steer, Any Age—K. S. A. C. on Beau Talent.

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Exhibitors—George Allen & Son, Lexington, Neb.; J. C. Lacey & Sons, Meriden; Classen Brothers, Union City, Okla.; W. W. Waltmire & Sons, Raymore, Mo.

Judge—W. L. Blizard, K. S. A. C.

SHROPSHIRE.

Ram, Two Years Old or Over—First, George Allen & Son, Lexington, Mo.; second, J. C. Lacey & Son, Meriden, Kan.; third, George Allen & Son.

Ram, One Year and Under Two—First and second, George Allen & Son; third, J. C. Lacey & Son.

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Ewe, One and Under Two Years—First and third, George Allen; second, J. C. Lacey.

Ewe Lamb Under One Year—First, second and third, George Allen.

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Champion Ewe, Any Age—George Allen & Son.

Pen of Lambs—First, George Allen & Son; second and third, J. C. Lacey.

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Pen of Lambs—First, George Allen; second, W. W. Waltmire.

Flock—First, George Allen; second and third, W. W. Waltmire.

HAMPSHIRE.

Champion Ram, Any Age—George Allen.

Champion Ewe, Any Age—George Allen.

Pen of Lambs—First, George Allen; second, W. W. Waltmire.

Flock—First, George Allen; second and third, W. W. Waltmire.

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Champion Ram, Any Age—George Allen.

Champion Ewe, Any Age—George Allen.

Pen of Lambs—First, George Allen; second, W. W. Waltmire.

Flock—First, George Allen; second and third, W. W. Waltmire.

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Champion Ewe, Any Age—George Allen.

Pen of Lambs—First only, George Allen.

Flock—First only, George Allen.

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Champion Ram, Any Age—George Allen.

Champion Ewe, Any Age—George Allen.

Pen of Lambs—First only, George Allen.

Flock—First, George Allen; second, W. W. Waltmire.

MERINOS.

Champion Ram, Any Age—George Allen.

Champion Ewe, Any Age—George Allen.

Pen of Lambs—First only, George Allen.

Flock—First, George Allen; second, W. W. Waltmire.

Hogs.

DURCO JERSEYS.

Judge—E. E. Axline, Independence, Mo.

Boar Two Years or Over—First, Searle & Cottle, Topeka, Kan.; second, Thompson Bros., Garrison, Kan.; third, Classen Bros., Union City, Okla.; fourth, Widle & Sons, Genoa, Neb.

Boar Eighteen Months and Under Two Years—First, J. R. Blackshere, Elmdale, Kan.

Boar One Year and Under Eighteen Months—First, R. Widle & Sons; second, Danford & Dunhurst, Ord, Neb.; third, Thompson Bros.; fourth, Classen Bros.

Boar Six Months and Under One Year—First and second, Danford & Dunhurst; third and fourth, Searle & Cottle.

Boar Under Six Months—First and second, Danford & Dunhurst; third and fourth, R. Widle & Sons.

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Grand Champion Boar, Any Age—Searle & Cottle.

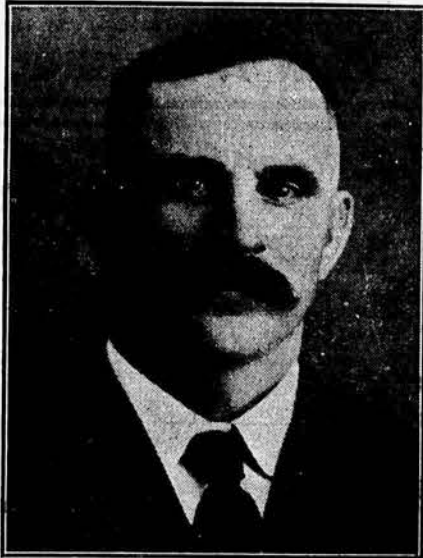
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Champion Boar One Year Old or Over—W. Z. Baker.

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Champion Boar One Year or Over—C. G. Nash.

Champion Boar Under One Year—First, G. W. Berry & Son.

Grand Champion Boar, Any Age—First, C. G. Nash.

Champion Sow One Year or Over—First, H. E. Conroy.

Champion Sow Under One Year—G. W. Berry & Son.

Grand Champion Sow, Any Age—First, H. E. Conroy.

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Boar One Year and Under Eighteen Months—First, S. D. and B. H. Frost; second, W. W. Waltemire.

Boar Six Months and Under One Year—First and fourth, W. W. Waltemire; second and third, S. D. and B. H. Frost.

Boar Under Six Months—First and second, S. D. and B. H. Frost; third, R. W. Gage, Garnett.

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Sow One Year and Under Eighteen Months—First and second, W. W. Waltemire; third, Classen Bros.

Sow Six Months and Under One Year—First, R. W. Gage; second, W. W. Waltemire; third, S. D. and B. H. Frost; fourth, W. W. Waltemire.

Sow Under Six Months—First, second and third, S. D. and B. H. Frost; fourth, Classen Bros.

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Champion Boar Under One Year—First, W. W. Waltemire.

Grand Champion Boar, Any Age—S. D. and B. H. Frost.

Champion Sow One Year or Over—W. W. Waltemire.

Champion Sow Under One Year—R. W. Gage.

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Judge—William James.

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Red Winter Wheat—First, Paul Gilman; second, R. G. Wheeler.

Black Winter Rye—Second only, Paul Gilman.

White Winter Rye—First, R. G. Wheeler; second, Paul Gilman.

White Oats—First, Paul Gilman; second, R. G. Wheeler.

Red Oats—First, R. G. Wheeler; second, Paul Gilman.

White Barley—First only, Paul Gilman. Spelts—First, Paul Gilman; second, R. G. Wheeler.

Buckwheat—First only, R. G. Wheeler.

Jerusalem Corn—First only, Paul Gilman.

White Kafir—First, Paul Gilman; second, R. G. Wheeler.

Red Kafir—First, Paul Gilman; second, R. G. Wheeler.

Milo—Second only, Paul Gilman.

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MATURE CORN.
Large Yellow Dent—First, Fred Laptad; second, Paul Gilman; third, J. C. Hastings; fourth, J. H. Schmidt.
Small Yellow Dent—First, Paul Gilman; second, Charles Feigert; third, R. E. Gilman; fourth, F. J. Scherman.
Small Yellow Dent, Under Seven Inches—First, R. G. Wheeler.
Large White Dent—First, Paul Gilman; second, R. E. Gilman; third, Charles Feigert; fourth, R. G. Wheeler.
White Dent, Under Nine Inches—First, Charles Feigert; second, Paul Gilman; third, R. E. Gilman; fourth, R. Zinn.
Large Calico Dent—First only, Paul Gilman.
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Collection of Ten Ears of Corn by One Exhibitor—First, R. G. Wheeler; second, Paul Gilman.

CORN 1913 GROWTH.
Yellow Dent, Over Nine Inches—First, Fred Laptad; second, S. D. Kistler; third, R. G. Wheeler.
Yellow Dent, Under Nine Inches—First, Fred Laptad; second, S. D. Kistler; third, W. A. Thornburg.
White Dent, Under Seven Inches—First, R. G. Wheeler.
White Dent, Under Nine Inches—First, J. C. Beckley; second, R. G. Wheeler; third, George Lucas; fourth, R. Zinn.
White Dent, Under Nine Inches—First, R. G. Wheeler; second, I. W. Orner; third, W. A. Thornburg.
White Dent, Under Seven Inches—First, R. G. Wheeler; second, I. W. Orner.
Large Calico Dent—First, R. G. Wheeler; second, I. W. Orner.
White Popcorn—First, R. G. Wheeler; second, I. W. Orner; third, W. A. Thornburg.
Yellow Popcorn—First, I. W. Orner; second, F. S. Thomas; third, W. A. Thornburg.
Red Popcorn—First, I. W. Orner; second, W. A. Thornburg.
Late Sweet Corn—Third only, J. H. Ginter.
Early Sweet Corn—Third only, W. A. Thornburg.

FIELD NOTES

Graner to the Front.

The cut herewith shown is from a photograph on the farm of H. C. Graner near Lancaster, Kan. Mr. Graner has for years been among the most successful breeders of big-type Poland Chinas. The work of superintending his big farm has to some extent taken the time that should have been given to the herd until last spring, when



Splendid Bunch of Spring Gilts Belonging to H. C. Graner, Lancaster, Kansas. Mr. Graner Has 85 Head and Anyone in the Market For Herd Headers or Choice Gilts Are Invited to Inspect His Herd.

he rented out all the farm land, and during the past season has devoted his entire time to the pigs, and they show what good care by one who knows how will do. The herd numbers now about 150 head, some 40 of which are strictly good spring boars of March and April farrow. These boars were sired by Long King's Best, the great breeding boar owned jointly by Mr. Graner and H. B. Walter. Quite a per cent of the best ones are by Mr. Graner's principal herd boar Samson Ex., an Expansive and Sampson

itor, first prize group get of sire, and first prize group produce of dam at Topeka this year. He is one of the great O. I. C. sires and his sons and daughters are making good.

S. D. & B. H. Frost of Kingston, Mo., owners of Missouri's great prize winning herds of O. I. C. hogs, are offering an extra lot of spring boars and gilts. This is one of the best herds in the entire corn belt, and they are offering breeding stock



Fine Lot of Spring Gilts in Verny Daniels's Herd.

Chief bred boar. Mr. Graner was never so well fixed before for supplying herd boars. He has a large number to select from and they possess much quality. Among them are individuals weighing around 200 pounds and good enough to head any herd in the land. They are out of big richly-bred Iowa and Nebraska sows that have been sale toppers in almost every instance. Mr. Graner is making very low prices on these boars for the next few weeks, and it looks like now is the time and here the place to buy.



Normandale Herd of O. I. C.'s.—Geo. E. Norman & Sons, Newton, Mo., Proprietors.

Sunflower Holsteins in Splendid Condition.
The Sunflower herd of Holsteins owned by F. J. Searle, Oskaloosa, Kan., was never in better shape to take care of fall and winter trade than at the present time. This herd is headed by two great sires, Trilana Lady Aouda 5th King and Sir Pontiac Artis DeKol. Mr. Searle can supply fresh cows, heifers and springers, and has the finest lot of young bulls from A. R. O. dams that he has ever raised. These cattle have all been kept up in good condition in spite of the hot dry weather. Eight head

card and write them. They are pricing them to sell. Please mention Kansas Farmer when writing.

Sullivan Bros.' Poland Sale.

In this issue the Sullivan Bros. of Moran, Kan., are advertising their Poland China sale to be held at the farm near Moran, Kan., October 2. They are selling a lot of spring boars and spring gilts sired by D. Wonder by B. Wonder, dam Lady Wonderful by A. Wonder. Also a number of spring boars and gilts sired by Nobleman 2d by

have been under semi-official test and some splendid records will soon be available. In breeding and records the Sunflower herd is probably the leading herd of Holstein cattle in the Middle West. Those looking for dairy cattle should by all means write to Mr. Searle for full information. Kindly mention Kansas Farmer.

Brown Swiss Cattle.

Dahlem and Schmidt of Eldorado, Kan., were at the Topeka Fair and made a splendid showing with their herd of Brown Swiss cattle. They are offering a few bulls and a number of young heifer calves for sale at attractive prices. Please read ad in this issue.

E. E. Laughlin, Rich Hill, Mo., one of the leading Shropshire breeders of that state, is offering bargains in Shropshire rams. His flock is headed by imported C. H. Justice 010035R. Mr. Laughlin has a long list of satisfied customers in Kansas, and breeding stock from his flock never fails to make good. Look up his card in this issue and write him for prices, mentioning Kansas Farmer.

E. D. Martin, Newton, Kan., one of the leading breeders of White Orpingtons, is offering his entire flock for sale. This is one of the prize-winning flocks. For several years show birds from this flock have been heavy winners at Central Kansas Show, Newton, Kan.; Topeka, Leavenworth, Hutchinson, and Kansas State Show at Wichita. Look up his card in this issue of Kansas Farmer.

Hampshire Sheep.

In this issue E. S. Tallafiero, owner and proprietor of Paradise Dell Farm, Russell, Kan., offers some bargains in Hampshire breeding sheep. Mr. Tallafiero finds sheep to be the most profitable live stock on his farm. The Hampshire breed is a splendid mutton sheep and the lambs make extremely rapid growth and mature early. March lambs have to be weaned and the ewes separated from the rams by August 1 to avoid inbreeding. The Paradise Dell flock has always been closely culled at this time, all inferior lambs being turned into corn fields and finished for market as rapidly as possible. Anyone interested in breeding sheep should write Mr. Tallafiero for descriptions and prices. Kindly mention Kansas Farmer.

Crystal Herd O. I. C's.

Attention is called to the offering of Dan Wilcox, owner of Crystal Herd O. I. C's, Cameron, Mo. Mr. Wilcox is offering a select lot of spring boars and gilts. They were sired by his great herd boar, Frost's Buster, the sire of the first prize senior yearling boar and first prize senior yearling sow at Topeka State Fair this year. He is the grandsire of the first prize young herd, first prize young herd bred by exhib-

POLAND CHINA SALE

AT
MORAN, KANSAS
THURSDAY
OCTOBER 2, 1913

TWENTY SPRING BOARS that will make large hogs.

Much herd header material among them.

TWENTY SPRING GILTS that are extra large and growthy, with lots of quality.

TEN Fall Yearling Gilts that are extra good. They will be sold open. Two Tried Sows, bred for early fall litters, and three tried sows sold open. Our hogs have done well and are in fine condition. Please send for a catalog and arrange to attend our sale. Remember the date is October 2, and Moran, Kansas, is the place. Sale will be held at farm near town. Catalogs are ready to mail. Write at once, as we have no mailing list. Send bids to O. W. Devine if you cannot attend sale.

SULLIVAN BROS.
MORAN, KANSAS

COL. LAFE BURGER and COL. SMOCK, Auctioneers.

TOO LATE TO CLASSIFY.

FOR SALE IN BUNCH.

Forty head of registered Jerseys, consisting of 30 cows and 10 heifers. This herd is the result of our 18 years of careful work to build a herd of high producers with constitution, size and finish. I have always retained the good ones until I now have 1,700-pound bull and 1,100-pound cows with finish, and I feel sure the herd will produce over 400 pounds butter average when matured. Bring your neighbor and start two or more herds. Address
CHESTER THOMAS, Waterville, Kan.

JERSEY BULLS

Do you want a real good one to head your herd? Then write your wants to us. We have them sired by The Owl's Champion, he by The Owl of Hebron, and he by The Owl. It will pay you to investigate this line of breeding if you want the best the breed can produce. Also good Barred Plymouth Rock Chickens.
WM. H. BRUNS & SONS,
Route 2, Box 16, Concordia, Mo.

IMMUNE BOARS CULLED CLOSE.

Fifteen big-type Poland China spring boars, strictly tops, \$20 for choice for 30 days. Also 35 gilts, same money. All immune. **Hubert J. Griffiths, Clay Center, Kan.**

Attention is called to the card of William H. Bruns & Sons, Concordia, Mo. They own one of the very high-class herds of Jersey cattle and are offering some extra good bulls for sale at this time, some of them sired by The Owl's Champion by The Owl of Hebron, he by The Owl. If you want an extra good one to head your herd, it will pay you to investigate this offering. Write them for description of stock and prices. Please mention Kansas Farmer when writing.

About Matches.

Have you ever thought of how many matches are consumed by the civilized world? Here are a few estimates which have been prepared by some one with a liking for such things: Three million a minute. This is said to be the average for every minute of the twenty-four hours of the day.

Fifteen hundred billion is the number for the entire year, and those persons who live under the American flag are charged with consumption of one-half this amount.

The importance of the industry which turns out the little splinters of wood tipped with sulphur or some other material ignited by friction, is only recognized when the average smoker tries to contemplate his predicament if he had to go back to the time when he had to coax a spark from a tinder box.

Small and insignificant as it is, the match demands as much attention in the choice of wood involved in its manufacture as any other forest product. Only the choicest portions of the best trees are suitable. Sapwood, knotty or cross-grained timber will not do.

Attention is called to the card of Chester Thomas, Waterville, Kan., in this issue of Kansas Farmer. Mr. Thomas is offering 40 head of Jerseys—30 cows and 10 heifers. The best blood lines of the breed are represented in this herd and anyone interested in Jersey cattle will find this offering strictly high class.

Great Boar Comes to Kansas.

R. P. Wells, the well known and successful Duroc Jersey breeder of Formoso, Jewell County, Kansas, has just purchased from R. G. McDuff, Monroe, Iowa, a very promising young boar with which to head his herd the coming season. He was sired by I Am A I Am Crimson Wonder 11, he by I Am A I Am Crimson Wonder, and his dam was the great sow, Defender's Lady, by Defender 25893, second dam Wonder's Surprise. Mr. Wells calls the new boar Crimson Defender. He is now seven months old, has a 7½-inch bone, and weighs 225 pounds with frame for 300. He is perfectly smooth and the man who bred him says he bids fair to become the equal of his noted sire. Mr. Wells says he still has a few of the fall gilts for sale at very reasonable prices.

Spring Boars Immune.

Hubert J. Griffiths, the old-time breeder of strictly big-type Poland Chinas, has culled his spring boars down to fifteen strictly tops, and for thirty days will sell the choice of these at the very low price of \$20. These boars are big, strong, vigorous fellows, with lots of bone and frame, but lacking in flesh. Any farmer can buy one of these boars, breed his sows, and then put him on the market and make a few dollars, besides having the service for nothing. A number of these boars were sired by Mr. Griffiths' great old boar, Colossus Pan, one of the best sons of the noted boar, Colossus. Others are by King Mastiff, a large well-finished boar, with a few by a good son of big Orange. These boars are out of very large and mature sows and they will make extra big boars. There are about 35 spring gilts offered at the same figure, and pairs can be furnished not related.

Notice the change in the card of G. A. Laude & Son, Rose, Kan. They have one of the high-class Shorthorn herds in the West, and when the quality of the offering is considered breeders will find that they are offering bargains. Look up their card. It will interest you.

L. R. Wiley's Belgians.

L. R. Wiley, Emporia, Kan., made a good showing with his Belgians and Percherons. Mr. Wiley has just returned from France and Belgium with a string of extra good two and three-year-old stallions. Don't fail to see the Wiley exhibit at the leading fairs this fall.

B-U-S-T-E-D!

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Our Great FALL Announcement

You can order a complete carload of material including everything you need to construct a building and we will ship it forward to you without you paying us a cent down.

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WIRE and FENCING BUILDING MATERIAL

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You are safe when you deal with us. Our capital stock is \$10,000,000.00 and 20 years of honest dealing have earned a place for us in the public confidence that is unquestioned.

Lumber Prices S-m-a-s-h-e-d

Yes, we mean smashed. Absolutely busted to pieces. That's our policy. We quote prices on lumber that will positively save you big money. If you will send your lumber bill we will send you a freight paid estimate that will mean a saving to you of from 30% to 50%. Every stick is absolutely first class, brand new and fully up-to-grade such as you would buy from any reputable house in the United States.

We have determined that the Fall of 1912 is going to be the Banner Season in our great lumber department. We have on hand 20,000,000 feet of high-grade lumber suitable for the construction of buildings, no matter for what purpose intended. Come to our great yards in Chicago and let us show you this stuff actually in stock. No other concern in the world has a more complete stock of everything needed to build, whether Lumber, Shingles, Structural Iron, Plumbing, Heating, Booms or anything else that you may need. Do you know that lumber is getting scarcer and scarcer every year? Yes our prices are lowest and will continue so until our stock is gone. WRITE TODAY.

Shingles at Big Saving

We have a special lot of 1,000,000 10 inch Clear Shingles on which we are making an exceptionally low price of \$2.99. Order by Lot No. M. S. 40.

This Door at 98c

Lot MS-38. Four panel painted door, size 2 ft. 6 in. x 3 ft. 6 in. 50 in stock. A high quality door for the price. This is only one of our many special bargains. Our grand Building Material Catalog and Bargain Sheets will show a full line of Inside Millwork of all kinds.

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Consider what becomes of the stock of goods, when a manufacturer or big retail merchant goes bankrupt or "busted" as the saying goes. It is estimated that about ten thousand merchants annually meet with business disaster—this is why our company exists. If the stocks are sufficiently large and the goods are new and desirable, they find their natural way to our great forty-acre plant for distribution at a small added profit, to our thousands of customers, who in this way get the benefit of wonderful bargains. In many cases our prices do not even represent the original cost of production. We refer to our responsibility to the publisher of this or any other publication or any bank or express company and to the public at large.

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Our stock includes practically "everything under the sun". It's in truth, from a needle to a locomotive. No matter what your vocation, or what position in life you occupy, or what your business, or how great a merchant you are, you have use for us, and we have the goods that you can buy to a decided advantage. The quicker you learn to recognize this fact, the sooner you will be "putting money in your pocket."

Our stock includes Building Material, Lumber, Roofing, Sash, Doors, Millwork, Wire and Fencing, Hardware, Plumbing Material, Heating Apparatus and Supplies, Furniture, Household Goods, Rugs, Stoves and everything needed to furnish or equip your home, your club or hotel. It includes Groceries, Clothing, Dry Goods, Boots and Shoes, Furnishing Goods and every single article to clothe a man, woman or child. It includes Sporting Goods, Fishing Tackle, Hunting Outfits, Tents, Guns, Harness and Vehicles, Jewelry, Sewing Machines, Clocks; also structural iron, needed in construction of buildings, bridges, etc. Machinery, gasoline, gas and electric power outfits. In fact you cannot think of a single manufactured article that we cannot supply you at a saving in price. Let us convince you—it means but little effort on your part to prove the truth of all we say. Write us to-day for our Catalogue and literature. Fill in the coupon shown below.

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Syphon acting, vitreous bowl, hardwood seat and cover. Low down, latest style, copper lined tank. Outfit is Lot 5-AD-105.

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The lightest, strongest and most compact Gasoline Engine ever produced. Thirty days' free trial. It is 4-cycle, self-contained, horizontal, hopper cooled; on heavy wood skids, with battery box, shipped complete, wt. 250 lbs. Has automatic governor. Easy to start. Send for Special Gasoline Engine Catalog.

Kitchen Cabinet \$17.35

\$30.00 VALUE. Every Good Feature Known. See our free big book.

\$13 Buys Complete BATHTUB

This is a white enameled, cast iron, one-piece, heavy roll rim bathtub, fitted with the latest style nickel-plated trimmings, including full double bath cocks for hot and cold water, nickel-plated connected pipes. It is 5 ft. long and is good enough to answer the needs of any man. Lot 5-AD-101.

Hot Water Heating Plants

We are headquarters for steam, hot water and warm air heating plants. They are suitable either for new or old homes. It is easy to install one of these plants in your old building. For this great Fall Sale of ours we are offering a warm air heating plant large enough for the ordinary 6 room house, with all necessary plans and complete instructions for installing, for \$45.00.

Iron Pipe and Fittings

Good iron pipe in random lengths complete with couplings, suitable for gas, oil, water and conveyance of all liquids; size 8-8 to 12 inches; our price on 1-in. per foot for 13¢ at 40 per foot. Complete stock of valves and fittings. Send us your specifications.

50,000 Bargain Catalog FREE

Greatest of all bargain books is our Great Wonderful "Price Wrecker". It is a book of 1000 frank statements explaining exactly the nature of the goods we have for sale, and quotes them at the lowest possible prices. It is a book of real merchandise truths—tells you the facts so plainly that you cannot misunderstand us.

Our business is founded on truth and virtue. We want satisfied customers—we need you every day in our business, we treat everyone as though he or she were the only customer on our books; and this great 1000 page "Price Wrecker" of ours is our best and truest factor. If you have not a copy in your possession, you fail to understand fully how to buy goods. It will make you wise to prices that ought to prevail, and if you haven't a copy, then it is time for you to get busy, and write us to-day to send you this wonderful Catalog of ours. Fill in the coupon.

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