

572

# KANSAS FARMER

For the improvement  of the Farm and Home

Volume 52, Number 40. TOPEKA, KANSAS, OCTOBER 3, 1914. Established 1863. \$1 a Year

**T**HE growth of the city has but emphasized its dependence. City people must be fed, must be clothed, the ranks of city workers decimated by toil and disease must be recruited. Outside of immigration from foreign countries there is but one source from which the city can be recruited and that is the country. The great city has but created the demand for a greater country. Hitherto we have relied on new country to supply the greater country. But now the available supply of new lands is not large. In place of new country there must be a better old country. But to make the old country better brings in the human element. Better farming must now be supplemented by better business and better living; better farming that the produce of the farm may be sufficient to feed the hungry multitude, better business, that the farmer may reap the just reward of his labor, better living that three-fifths of our population may be able to maintain American ideals.

—A. E. Holt



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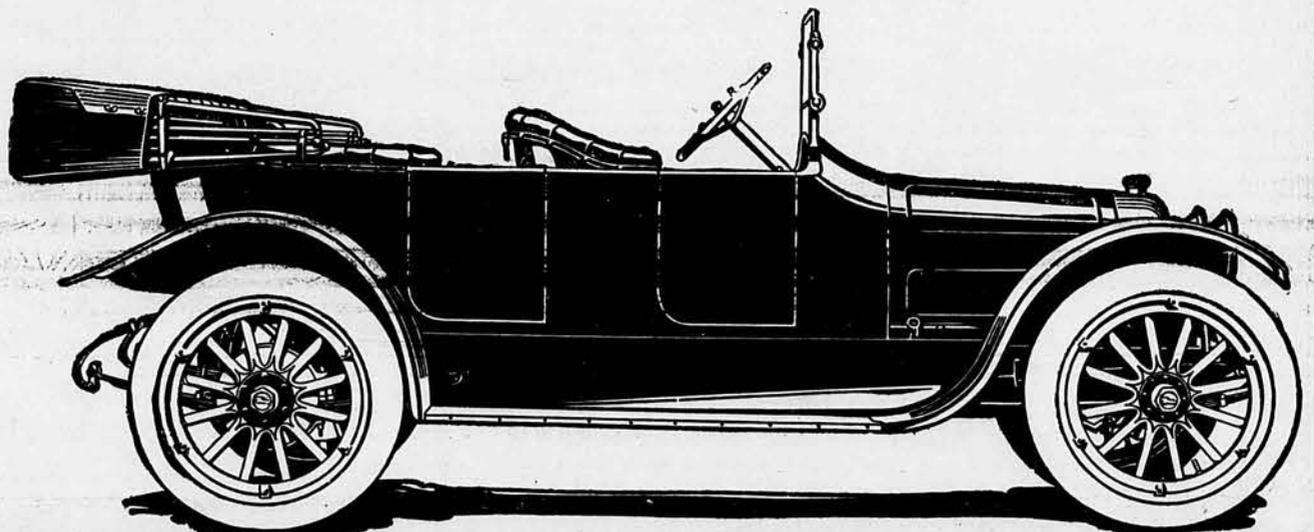
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# KANSAS FARMER

The Standard Farm Paper of Kansas

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Editorial, Advertising and Business Offices — Topeka, Kansas  
Chicago Office, Advertising Building, Geo. W. Herbert, Inc., Manager  
New York Office, 41 Park Row, Wallace C. Richardson, Inc., Manager

Entered at the Topeka post office as second class matter



## LOOK OUT FOR JOHNSON GRASS.

The indications are that before another planting season farmers of Kansas will buy thousands of pounds of the seed of Sudan grass. Texas concerns have already begun advertising this seed in some of the farm papers of Kansas. The showing of Sudan grass the past season is such as indicates its desirability as a hay and forage crop to succeed cane and millet. Favorable comment comes from all farmers who have given it a trial. It must be remembered, however, that Sudan grass is a new crop in this country and that its position as a forage crop cannot be definitely determined until after it has been grown several years.

An important point, however, in connection with the purchase of Sudan grass seed, is that the purchaser obtain seed which is free from the seed of Johnson grass—a grass so similar in outward appearance that it has been called the twin brother of Sudan grass. Johnson grass is a pest—in fact a noxious weed—in all of the Gulf States and in recent years has found its way into Arkansas and Oklahoma and is quite generally distributed throughout the latter state. There are one or two localities in Southern Kansas in which Johnson grass has been present for several years and is giving trouble. It was brought into these Kansas localities as a pasture grass and is not, so far as known, grown with or mixed with Sudan grass. A number of states have laws prohibiting the transportation or sale of Johnson grass within the state, and Kansas has a law designed "to restrict the spreading of Johnson grass and prohibit the sale or transportation of the same within the state and providing penalties therefor." This law will be printed in full in the next issue of KANSAS FARMER.

It is claimed that Johnson grass kills out in latitudes in which the ground ordinarily freezes to a depth of six inches or more. This means that in no part of Kansas would it kill out every winter and that in the southern half of Kansas it would kill out only occasionally. The freezing, however, can kill only those roots and those seeds which are in the ground at the time of freezing. The seed which may be in the shock in the spring of the year or in the manure which is hauled out in the spring, will not be destroyed by freezing until the following winter. Under such conditions it may be expected that the Johnson grass will prove a pest each year in the corn fields, wheat fields, and other fields during each successive growing season on farms on which it has been introduced.

These facts relative to Johnson grass, briefly stated, should prove a warning to Kansas farmers. It should induce great care in obtaining the seed of Sudan grass. It is to be remembered that there is no means of mechanical cleaning by which Johnson grass seed may be separated from that of Sudan grass. It is also a fact that the untrained eye cannot detect a mixture of Johnson grass seed with that of Sudan grass. The fact that the states of Texas and Oklahoma are thoroughly seeded to Johnson grass should arouse suspicion in the minds of the farmers of Kansas as to the purity of the seed obtained from those states. It will not be safe for Kansas farmers to plant the seed of Sudan grass from these states. Kansas farmers should obtain seed grown north of the south line of Kansas and which seed is guaranteed as free from Johnson grass. In fact it would not be safe to buy seed produced this season from seed obtained last spring from Texas or Oklahoma or other Johnson grass states. It will be the part of wisdom to obtain seed grown as far north as possible and which seed has been in the North several years.

It will be manifestly better for the Kansas farmer to grow cane and millet for forage until such time as he can obtain Sudan grass which is free from that of Johnson grass. Cane and millet have been the forage standbys for many years and we still can afford to depend upon them in preference to the introduction of an acknowledged unmitigated

evil such as is Johnson grass. Kansas will within just a few years produce all the Sudan grass seed needed within her borders. A couple of pounds of seed will produce a thousand pounds and one to two pounds of seed only is required to seed an acre. At this rate of increase it is apparent that home-grown seed will soon be produced in sufficient quantities to supply Kansas farmers.

## THE DAY OF PRAYER.

President Wilson's proclamation calling for a national day of prayer on October 4 for the cessation of war in Europe probably is without precedent in this or any other country. But, if so, says the Baltimore Sun, it is the most beautiful precedent that has ever been set in any nation. There are prayers for peace in our prayerbooks, and days of

prayer for the speedy termination of wars have been often fixed by official proclamation in countries engaged in them; but for a neutral nation of more than 90,000,000 of people to get down on its knees and pray for peace in other countries will be one of the most impressive, as well as one of the most unusual, spectacles ever presented on earth. We believe everybody in the United States will offer up a prayer on that day in the earnest spirit of altruism, which the President's message suggests. And if anything can make a path for peace "where men can see none," we believe unselfish supplication from the heart of a great country can open the door of divine compassion.

Do not forget that this is seed-saving time. Save the seed now.

## IRRIGATIONISTS ACTIVE.

That the farmers of Western Kansas are interested in irrigation is evidenced by the large attendance upon the third annual meeting of the Kansas State Irrigation Congress held at Scott City last week. It is safe to say that those farmers of the West who have undertaken and given irrigation a trial, are the most optimistic, enthusiastic, enterprising and hospitable people of Kansas. It is to be remembered, however, that only a comparatively small portion of the western third of the state will reach any considerable development through irrigation, but the three million acre area which can be developed by irrigation will each year add millions of wealth to the state and maintain many prosperous farms.

The people of the West feel that Colorado has stolen Kansas surface water by means of irrigation ditches and now Kansas proposes to take the underflow water of Colorado by means of irrigation wells. State Irrigation Engineer Walker stated that it has been demonstrated that with one good well and a centrifugal pump enough water may be obtained to irrigate a farm.

It is costing nine cents an acre to put water on Ed Frizell's Fort Larned ranch this year. The fuel is costing 15 cents an hour and the lubricating oil 3 cents an hour, and from four to six inches of water can be placed on two acres of land within an hour. The pump doing this work is raising 3,600 gallons a minute and is being operated twenty-four hours a day six days a week.

The power plant of the Garden City Sugar Company has been developed to the point at which electric power is now available for distribution. Lines are being extended in all directions from the plant and the electricity from the same is for sale to irrigators at reasonable prices. When equipped with electricity the irrigator turns a switch and the pump operates without attention for a considerable period. A story is told of one pump in the Scott City district which ran thirty consecutive days without a stop.

"The keynote of progress in Western Kansas agriculture was struck by an old-timer when he declared: 'We must adapt ourselves to the country instead of trying to make the country adapt itself to us.' This doctrine, of course, holds in any region, but applies with greatest force where dry farming is considered essential to the fullest development of resources and largest prosperity," said J. C. Mohler, secretary of the State Board of Agriculture, at the above named meeting. He expressed himself as believing that we have arrived at a stage in the progress of Western Kansas agriculture when we can pretty definitely settle on certain crops and methods to insure success. These embrace the growing of the never-failing sorghums as kafir, milo, feterita and the saccharine kinds, the use of the silo, the faithful cow and the unpretentious hen, along with the utilization for irrigation of the waters that underlie the region in inexhaustible quantities. "In soil culture," said Mr. Mohler, "the cardinal principle is, of course, to store the moisture in the land and make the rainfall reach as far as it may to prevent, so far as possible, the waste of run-off and evaporation. Much headway has been made in this direction by means of thorough, timely, persistent tillage."

The premium list of the American Royal Live Stock Show is now ready for distribution. Copies can be secured of the secretary, T. J. Wornall, Live Stock Exchange, Kansas City, Mo. This show is the grand wind-up show of breeding stock in the Middle West, and every breeder and live stock producer should plan to attend. Auction sales of the various breeds of beef cattle take place during the week. The dates this year are November 16-21, a month later than it has previously been held.

Wheat seeding is pretty generally throughout Kansas. Do not overlook the fly-free dates. They are important. Do not fail to kill all the volunteer wheat, weeds and grass, before starting the drill.

## Million Dollars For Kansas

Kansas Farmer Seed Wheat Club Helped Western Farmers to That Amount

TO help the farmers of a few counties to near a million dollars in a single season as a result of a single stroke of enterprise by one farm paper, is probably without precedent. But this is what KANSAS FARMER did for the farmers of thirteen counties in Western Kansas last season. This amount of money is now being received from the sale of wheat at or near a dollar a bushel by farmers who a year ago had no seed and no money with which to buy it. This sum is now being realized by those farmers who were helped to seed wheat by the Kansas Farmer Seed Wheat Club.

Cognizance of western conditions was taken by KANSAS FARMER as a result of personal investigation into the counties of Trego, Gove, Logan, Wallace, Sheridan, Graham, Ness, Lane, Haskell, Gray, Ford and Greeley. KANSAS FARMER sought to relieve the conditions there existing and this was accomplished through the organization of the Kansas Farmer Seed Wheat Club, of which the following gentlemen were trustees and formulators of the plan: Governor Hodges, chief executive of Kansas; ex-Governor Bailey, banker and farmer, Atchison, Kan.; C. M. Sawyer, Bank Commissioner of Kansas; H. D. Lee, wholesale merchant of Salina; T. A. Borman, editor of KANSAS FARMER. Bank Commissioner Sawyer was designated as treasurer—he received and disbursed all money. Much of the detail of his office was conducted by P. E. Laughlin, Assistant Bank Commissioner. The secretary for the trustees was C. D. Yetter, of the office of Secretary of State, and whose familiarity with western conditions was valuable in working out and consummating the plan. George B. Ross, State Grain Inspector, bought much of the wheat and looked after its shipment.

Plans were not perfected until a meeting of the county commissioners or their representatives of the several counties was held in Topeka, with the club's trustees, when the plan for obtaining the funds, the methods of distribution and the needs of each county were fully considered.

It was learned at this meeting that the farmers of the above named counties did not desire and would not accept donations. It was their wish that they give their notes for one year at eight per cent interest for such seed as they might receive.

It was agreed also that the seed should be placed in the hands of those farmers only who could not in some other way obtain seed and that it be distributed in quantities not exceeding forty bushels to one individual and that the commissioners of each county be responsible for the distribution.

Personal subscriptions to the funds of the seed wheat club were secured, these subscriptions being in amounts of \$1,000 and less. Subscriptions were obtained in almost every business center in the eastern half of Kansas. These came from wholesalers, merchants, bankers, millers, elevator owners, commercial clubs, grain exchanges, and individuals. This money was solicited in person, by telephone and telegraph. Several of the counties to be served were represented in solicitation by one or more members of the board of commissioners and special credit is due those gentlemen.

A fund of \$35,000 was obtained and some 50,000 bushels of wheat bought and some 50,000 acres of land sown. From this acreage has come not less than one million bushels, which will bring in the neighborhood of a million dollars. The income from these fields from fall and winter pasturage was also considerable. There was a loss of 15 to 20 per cent in acreage on account of hail and blowing out.

This seed wheat was distributed among 1,100 farmers and the value of the wheat obtained by them averaged from \$15 to \$45. The seed was sold at cost plus two cents a bushel to cover wastage in handling.

The railroad companies hauled the wheat free and the telephone and telegraph companies handled the messages without cost. Each individual in any way connected with the enterprise donated his time and energy, no charge of whatsoever kind being made against the club for any service rendered.

So soon as the notes can be collected by Treasurer Sawyer—payment being delayed because of scarcity of threshing machines and adverse weather—the funds will be apportioned to the subscribers.

KANSAS FARMER is pleased that this bit of enterprise proved all—in fact more than was expected of it. It is gratifying always to be helpful, whether in a large or small way. No other western publication has done as much in a single effort in the interest of its state and its constituency. Due appreciation is hereby expressed for the efforts of all those who co-operated with money, labor and advice in the enterprise.

T. A. Borman

# THE SEED OF SORGHUMS

*Careful Selection of Heads Will Give Big Returns for Time and Trouble*

By T. A. BORMAN

**I** KNOW that the interest in grain sorghums will lead to the planting of the largest acreage of kafir, milo and feterita next spring that the state has ever had. The showing of kafir and milo as compared with corn during the 1901-1913 period is such as commends these to the farmer who would plant the most certain forage and feed grain crops. The difference between the acre

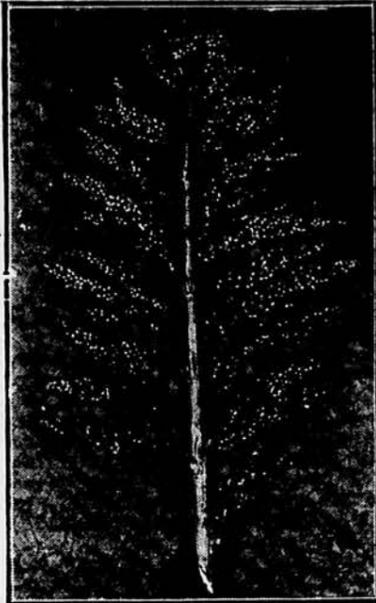


FIGURE 1—SHOWING INTERIOR OF HIGH-YIELDING KAFIR HEAD.—NOTE LENGTH OF CENTER STEM AND ITS NUMEROUS SHORT JOINTS.—OBSERVE THAT SEED-BEARING STEMS HAVE SEED THEIR FULL LENGTH.—ALL CHARACTERISTICS POINT TO A LARGE SEED-BEARING CAPACITY.

value of corn as compared with kafir and milo during that period is \$2.47, or 28 per cent in favor of kafir and milo for the entire state. For the western half of the state for the same period, the difference in acre value is \$2.97. The above-named period does not include 1914, a year in which the acre value of these grain sorghums does not lack much of being twice that of corn. The period does, however, include the year 1913, when the acre value of corn was only \$2.01 as compared with \$8.78 for kafir. Yet, the 1901-1913 period was one of years of at least good average seasons for corn growing. The year 1912 was the best corn year in the thirteen-year period and even in that year the acre value of kafir exceeded that of corn 68 cents. It would seem to me from the above that the grain sorghums are much better yielders of both forage and grain in the poor corn years and equal to corn in the best years. The interest manifested in feterita during the past couple of years has attracted the attention of the farmer to other grain sorghums and has in fact led to a greater appreciation of the old standbys, both kafir and milo. The figures of the State Board of Agriculture reveal that Kansas grew 136,000 acres of feterita this season. I still adhere to the belief that pure and adapted strains of early-maturing varieties of both kafir and milo are better adapted to the needs of the farmers of Kansas throughout the state than is feterita. This, however, is a question for later consideration. I have spent much time this fall in observing the usefulness of each of these three grain sorghums, and will spend more time. The result of my observations will later be published.

The fact is, however, that the yields of both kafir and milo have for years been decreasing. The farmer has failed to maintain the early maturity and the high-yielding qualities and the pure strains of these. In other words, the seed has "run out" and it is now important that both kafir and milo be restored to their former usefulness. There are occasional growers who have maintained good yields and in whose hands the performance of the crop has been so satisfactory year after year as to warrant an increasing appreciation of its dependability. The regeneration of kafir leading to earlier maturity dry weather evasion, dry weather resistance and higher yields, depends upon the planting of seed of early maturing heads of pure strains. There are fields grown

in Kansas this season in which every head will make good seed. These are the exceptional fields, to be sure, but they are the fields which should be obtained. There are many fields in which there is still a large proportion of heads of true kafir type which yield heavily and which mature early and which heads will make satisfactory seed. It is necessary, therefore, in selecting seed that the type of head known as the high-yielding type and which possesses high vitality and which is capable of producing vigorous plants, be distinguished from that type which has small seed-bearing capacity resulting from the mixing with other sorghums and which is low in vitality, which starts slowly in the spring and which succumbs to seasonal adversities.

#### HIGH-YIELDING KAFIR HEAD TYPE.

Figure 1 on this page shows the interior of a high-yielding head of kafir. The seed-bearing stems from the back and front of the head have been cut off so that the center stem and the joints could be shown. It will be noted that the center stem is long and extends to the tip and that it has frequent joints from which grow numerous stems which bear seed. It will be observed, also, that the seed occupies almost the entire length of the seed-bearing stem. These are the characteristics which make the compact, heavy head. This, because all the available space for seed is occupied. The particular head shown in the picture measured 16½ inches from the tip to the first joint at the bottom and when it was thoroughly dry and after many handlings which resulted in the shattering of some seed, it weighed eight ounces.

This is the prevailing type of head in every high-yielding field of kafir I have seen, and it is unquestionably the best

type to select for the best cropping results. It is the type of head preserved by the occasional grower who reports the highest yields and the greatest satisfaction from the kafir crop. It is the type indicating the inherent hardiness necessary to withstand dry weather and if kept early-maturing by selection of the earliest ripening heads, will evade dry weather. This type indicates purity of strain. It indicates good breeding and possesses the hardiness necessary to make kafir the useful crop it should be.

Figure 2 shows typical heads of well-bred dwarf black-hulled kafir grown in Central Kansas in 1913. Each of these heads has the conformation shown in Figure 1 and these heads were typical of all those grown in the field. This is the type of kafir head to select for seed.

#### LOW-YIELDING TYPE OF KAFIR HEAD.

Figure 3 shows the interior of a low-yielding head of kafir. It is not amiss to say that even this head is much better than the average of many fields. A head of this conformation should not be saved for seed. Heads of this type are identical with those heads shown in Figure 4. The appearance of the head reveals cross-fertilization or "mixing" with cane or broom corn. This is the kind of kafir generally grown in Kansas. It lacks vitality, necessitating late planting. The plants are not vigorous and do not grow rapidly and those character of heads is typical of those fields which are of late maturity and which give low acre yields.

The dissected head in Figure 3 measured 12 inches from the tip to the first joint at the bottom and was less than half as heavy as the head shown in Figure 1. The seed stems at the tip were five inches long. It is worthy of note that the seed-bearing stems are irregular

in length, unevenly and lightly seeded and the longest and heaviest stems were at the very tip. The planting of seed from such heads as this cannot give the best results. I do not have the space in this article to go into the detail relative to the superiority of seed from heads like Figure 1 as compared with Figure 3. Suffice it to say at this time that sufficient investigation has been



FIGURE 3—SHOWING INTERIOR OF HEAD OF MONGREL OR MIXED KAFIR.—NOTE SHORT MAIN STEM AND LIGHTLY-SEEDED SEED-BEARING STEMS.—SUCH HAVE SMALL CAPACITY FOR BEARING SEED.

made to establish the desirability of using seed from heads like Figure 1.

#### STUDY TYPE STALK WITH HEAD PRODUCED.

The heads should be selected in the field because the head can there be better associated with the type of stalk on which it grew, than elsewhere. Heads should be selected from stalks which might be called heavy set and which bear no suckers or side shoots and which are of even height and which produce heads uniform in size and shape. Desirable heads should be selected from stalks which do not grow taller than four and a half to five feet. The joints of the stalks from which such heads are selected should be short with a pair of large leaves growing from each joint. This type of stalk makes the most fodder or silage. It is the vigorous, hardy type of stalk which resists the wind and dry weather. Early maturity can be maintained only by selecting the earliest ripening heads and these can be gathered only in the field. Exceptionally large heads should not be gathered, either. Heads should not be taken from stalks which grow to themselves because such stalks have been able to draw moisture and plant food from a larger area of soil and so have not been compelled to fight for existence under the adversity of stalks which had close neighbors. These are important points in kafir seed selection. They are worthy of consideration on the part of every farmer who would improve his kafir or now having good seed desires to maintain its present degree of excellence and superiority.

#### MILO AND FETERITA HEAD CONFORMATION SIMILAR TO KAFIR.

The conformation of the kafir head in Figure 1 is almost identical with that of high-yielding and pure strains of milo and feterita. The conformation of the heads of the latter two will be shown in the next issue of KANSAS FARMER. There is as much variation in the heads of these as in the case of kafir and the variation has the same general effect on yield, hardiness and early maturity as in kafir. Much of the milo grown in Kansas is badly lacking in yielding ability. This is quite generally true of the milo grown in Southeastern Kansas. There is a wide variation in the type of head of feterita grown within the state. Much of that called feterita is not feterita in fact. Regarding these grain sorghums more will be said next week.

Pause a moment now and then and think of some way by which you can benefit your community. When you have thought of a plan, tell your neighbor. May be the idea will develop into some action. Any good idea deserves passing on to the other fellow.

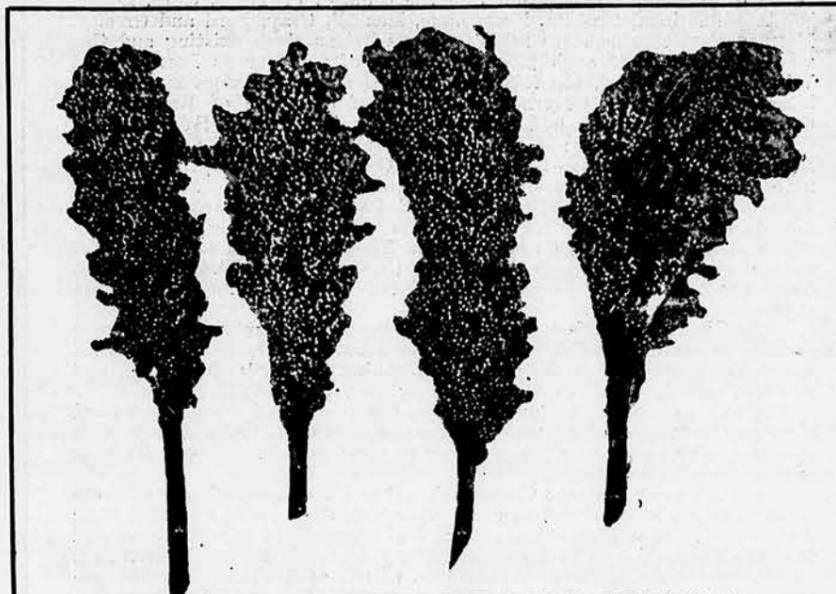


FIGURE 4—HEADS OF MONGREL OR MIXED KAFIR, SHOWING THE RESULT OF MIXING WITH CANE AND BROOM CORN.—SUCH HEADS ARE TYPICAL OF LOW-YIELDING AND LATE-MATURING FIELDS.



FIGURE 2—TYPICAL HEADS OF WELL-BRED DWARF BLACK-HULLED KAFIR GROWN IN CENTRAL KANSAS, 1913.—THE SEED WAS PLANTED EARLY AND FIELD MATURED IN 100 DAYS.—KAFIR LIKE THIS IS AS SURE A CROP AS ANY GRAIN SORGHUM YET KNOWN TO KANSAS.

# FEEDING CATTLE ON KAFIR

Other Topics of General Farm Interest—Farm Inquiries

WE have a letter from G. E. T., Greenwood County, in which he brings up the question of finishing a bunch of calves on kafir in place of corn. This correspondent has 90 head of calves which he is planning to feed on alfalfa hay and other roughness until about the middle of February and then select 60 of the best and give them 70 days' full feed of kafir heads, supplemented with cottonseed meal and alfalfa hay. He has previously had experience in successfully feeding such young stock on ground ear-corn supplemented with cottonseed cake and alfalfa, but considers the corn too high in price at the present time. The kafir being plentiful, he has conceived the idea of substituting this for corn. It is undoubtedly not the intention of this feeder to "finish" these calves in the general acceptance of that term or he would plan a much longer grain feeding period. It is practically impossible to finish cattle of this age in so short a feeding period. The natural tendency of the calf is to grow, and since only a portion of its food is directed toward the accumulation of fat or finish, the process is much slower than it is with mature cattle.

Kafir has been studied experimentally both by experiment stations and farmers until there is little doubt as to its high value as a feed for live stock. When first introduced into this country, fully 25 years ago, Professor Georgeson of the Kansas Experiment Station made careful tests of both the red kafir meal and the white kafir meal in comparison with corn meal, finding the kafir meal to be but 7 per cent less valuable than the corn meal as a feed for fattening steers. This experimental work has been continued and practically all the results have verified these first conclusions drawn by Georgeson from his experiments.

From a recent test at the Texas Experiment Station, in which both milo and kafir were compared with corn, Professor Burns reports that the kafir meal produced larger and more economical gains than the corn meal, and the milo meal produced results equal to corn. In this test two-year-old steers were used and they were fed an average of three pounds of cottonseed meal daily per steer in addition to the grain and cottonseed hulls for roughness.

It has generally been observed by all who have had any experience with the feeding of kafir that it cannot be fed satisfactorily in the unground form. The grains are small and hard and are very imperfectly masticated by the animals. In feeding kafir fodder containing any considerable grain, it is doubtful if much value is received from the grain. Even in the case of kafir silage where the grains are kept soft and to a considerable extent mingled with the rest of the plant, a considerable quantity of the grain passes through the animals in an undigested condition.

The principal point raised by our correspondent is relative to the feeding of the kafir in the head form instead of threshed and fed whole or ground as is the most common practice. In the profitable feeding of cattle it has usually been found to be a good business principle to eliminate as much as possible of the expense of handling and preparing the feeds used. In other words, when the steer can grind the corn or other feed more cheaply than it can be ground in a mill previous to feeding, let the steer grind it. Considerable expense is attached to the harvesting and handling of kafir if it is necessary to first head, then thresh, and finally grind before it is suitable for feeding purposes.

The feeding of ear-corn, cob and all, has been found to be a desirable practice. While the cob itself has little nutritive value, grinding it into a meal in connection with the grain seems to be a practice which makes the corn go farther. We are rather lame in experimental work as to the handling of kafir heads as ears of corn are handled. We know they cannot be successfully fed in the head form, since the animals swallow so much of the seed whole. With the introduction of mills giving satisfactory results in the grinding of kafir heads, there is little doubt that the feeding of ground kafir heads will become fully as common a practice as the feeding of corn and cob meal. The proportion of crude fiber contained in the stemmy parts of the head is about the same as that of the cob contained in the ear of corn. The only difficulty to

overcome is that of heading the kafir in such a way as to reduce the amount of stem attached to the head to a minimum. Kafir as it is commonly handled has not been selected and bred for uniformity of height and as a result the heading operation cannot be worked out as satisfactorily as it will be when the crop has been bred to a uniform type.

In feeding kafir as in feeding corn, it is necessary that it be supplemented with some concentrate rich in digestible protein; it is the old problem of the balanced ration. Kafir alone does not contain the proper proportion of carbohydrates, fats and protein, and this proper proportion must be secured by the addition of some such feed as cottonseed meal which contains relatively large amounts of digestible protein. With the elimination of the European demand for cottonseed by-products, this feed will probably be fairly reasonable in price the coming season.

In feeding these calves it will be our advice to use cottonseed meal as at least 15 to 20 per cent of the total grain ration. The introduction of silage into this ration would be a desirable addition, since it supplies roughage in a most palatable and digestible form. Silage and cottonseed meal go together exceptionally well.

The question might be raised as to the desirability of full feeding a bunch

in seed selection which is designed to keep the crop of early maturity. At the time of gathering the first heads the plants were still stooling, there were other plants on which the heads were just showing, and others in which the heads were in blossom. He will continue to harvest the heads as they ripen until frost, then will cut the forage for hay. He does not expect that forage cut at this time will be as good as earlier cut forage, but desires to secure all the seed he can.

Our subscriber thinks that even in a dry year Sudan will produce a great quantity of forage and that it will be better feed than the forage of cane. He is doubtful of its adaptability for silage, believing that a silage crop should be made of some crop which will produce grain and is inclined to the belief that kafir, feterita, or milo will be better adapted to the silage need of the western farmer.

This subscriber seeded Sudan grass with a lister. In our correspondence with him we expressed it as our opinion that it should be surface planted and in his recent letter he concurs with us in that judgment. It is certain that crops will start earlier in the season if planted on the surface and this is a method of planting which commends itself to the farmer who desires maturing early crops. The more rapid the early growth, the better use made of

to be that they require much more expensive fencing than other classes of farm animals. This is true to a considerable extent, since the best results with sheep on a small farm cannot be secured unless the various fields are fenced with woven wire so the sheep can be controlled and held on any portion of the farm desired. Sheep do not require as a strong a fence as hogs. A woven fence 28 to 30 inches high is high enough and lighter and somewhat more open mesh may be used than is necessary for hogs. The posts also need not be so close together, since sheep do not try the bottom part of the fence so severely as hogs do.

The ideal condition on a farm of this kind is to have the various fields fenced hog-tight and high enough to turn other classes of stock.

It probably would have been possible last fall to have purchased a small flock, say 25 head, of reasonably well-bred ewes, at from \$5 to \$8 per head. The wool from these ewes would have paid every dollar of feed cost for a year. Under favorable conditions the lamb crop might have been as high as 30 to 35 head from the 25 ewes. With the properly fenced farm these lambs would not have cost a cent up to the present time. They would have consumed grass and weeds on various parts of the farm, even in the cornfield, without damage to the crop. Native lambs weighing from 65 to 70 pounds are being marketed at Kansas City at the present time at from \$7 to \$7.35 per hundred.

Pastures in which a few sheep are kept are invariably free from weeds. Sheep consume almost every known variety of plant growth. This is especially noticeable in driving through the pasture counties of Kansas. The pastures used exclusively for cattle are apparently going more and more to weeds each year, but wherever a pasture is noted where sheep have been kept it looks as clean as a meadow.

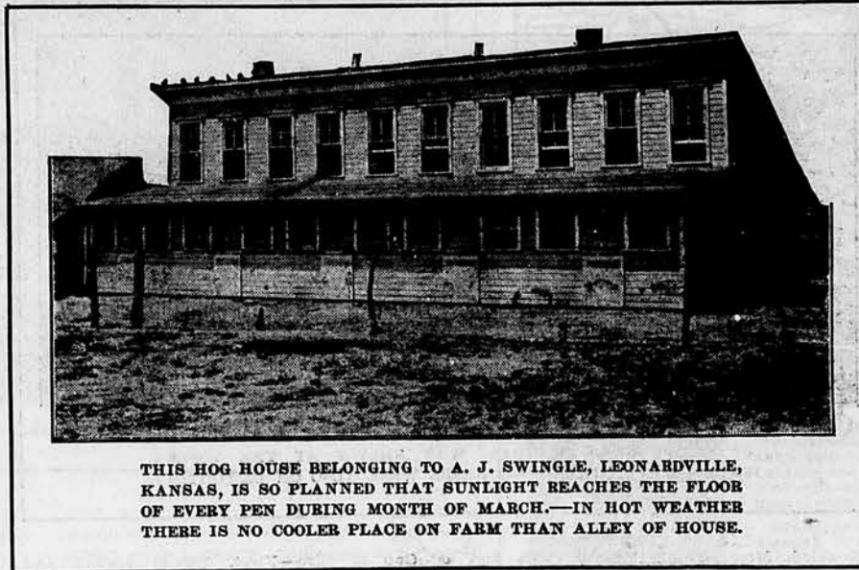
#### Urges Pond Building.

A Phillips County subscriber writes: "Unless you men of influence advocate the building of dams to hold water in the draws, this country will soon be without water for stock. A few years ago the Rock Island Railroad had good ponds at Phillipsburg, Agra and Smith Center, and farmers had many ponds, but the heavy rains took out the dams and they have not been rebuilt. We small farmers cannot make the railroads and the large farmers see that they should reconstruct these dams and maintain ponds. Those farmers who have dams now have ponds and plenty of stock water, even though the wells of the county are going dry."

The building of ponds has long been urged upon the western farmer. This has been done through every agency which might influence him. Our subscriber will probably recall that hundreds of columns have been written on the subject of "damming the draws." In all of this matter, however, the farmer was urged to dam his own draw. It was only in this way that the suggestion could be made. No one is to blame but the farmer himself, if he failed to accept these suggestions and provide himself with such ponds as are needed.

#### Truck Motor Not Plowing Motor.

A. F. C., Russell County, writes that he has an International motor truck and desires to know if it is practical to rebuild this into a plowing tractor. We referred this inquiry to the builder of the above named truck, and he writes: "We do not think the idea is practical and any degree of success that would be met with in converting the motor truck into a plowing tractor would depend upon the skill and ingenuity of the mechanic doing the work. From a mechanical standpoint it is a motor of too high speed to prove successful as a tractor. High speed motors of the automobile type have never met with much success on plowing tractors. Also the motor is too light and is built to carry a load and not to pull one. The cost of converting the motor into a tractor that would be anywhere near satisfactory would be almost as great as the cost of purchasing a tractor of equal capacity for this kind of work. We do not think your subscriber would feel justified in going to the expense of converting his motor truck into a plowing tractor when he takes into consideration the small amount of work that it would do."



THIS HOG HOUSE BELONGING TO A. J. SWINGLE, LEONARDVILLE, KANSAS, IS SO PLANNED THAT SUNLIGHT REACHES THE FLOOR OF EVERY PEN DURING MONTH OF MARCH.—IN HOT WEATHER THERE IS NO COOLER PLACE ON FARM THAN ALLEY OF HOUSE.

of calves for such a short period. It is always desirable during the wintering period to keep calves gaining a pound to a pound and a half daily. It would not require a full feeding of grain, however, to keep them gaining at this rate. The heavier feeding of grain tends to develop a certain degree of finish and to realize on this it might be necessary to continue the feeding until a marketable finish was secured. In the experimental work in the wintering of calves at the Kansas Experiment Station, which has been followed for two years past, the concentrated feeds given consisted of approximately one pound of cottonseed meal daily per calf and one pound of shelled corn during the whole wintering period. Of course, these calves received practically all the silage they would consume as roughage. Fed in this manner they made profitable gains through the winter and went on the grass in a condition to continue making profitable increase. Calves fed more heavily through a short period in the winter, when put on the grass might not be in a condition to make the best use of this cheap summer feed if they had acquired some degree of finish or fat. The question whether the calves are to be put into marketable condition or simply carried through as stockers should be settled before the feeding begins. If they are to be finished, the grain feeding should begin before February 15.

#### Sudan Grass in Harvey County.

Our subscriber, A. H., Harvey County, wrote in KANSAS FARMER a few weeks ago of his trials this year with Sudan grass. He wrote a few days ago advising that he had been over the Sudan grass patch once harvesting the ripe seed heads. It is his plan to save the first maturing heads for seed for his own farm, thus exercising that principle

the accumulated winter and spring moisture and early rainfall and the better growth the crop makes the less damage will be done it by the hot, dry weather of the latter part of July and August.

This same subscriber advises that in order to plant his grain sorghum crops as thin as desired, he mixed bran with the seed. The editor asked if the bran and seed had a tendency to separate in the planter box, expecting that the seed being the heavier would settle to the bottom. Our subscriber states that the mixture does not separate and that in his grain sorghum planting by using this method he was able this year to get a stalk each six inches in the row.

He writes that he is saving feterita seed by hand topping and thinks that it will make around 50 bushels to the acre. Next year he thinks he will plant feterita earlier. Those who have grown feterita this season have met with the practical difficulties in saving the seed and which difficulties are elsewhere discussed in this issue.

#### Sheep on Eighty-Acre Farm.

Our subscriber, J. E. W., of Dickinson County, a previous letter from whom was commented on in our issue of August 22, writes to inquire regarding the use of sheep in destroying iron weeds and other noxious weeds in his pasture. In commenting on the previous letter it was suggested to this reader and others similarly-situated that more live stock, such as a few extra milk cows and possibly a small flock of sheep, would increase the revenue from the farm by reason of consuming some feed material now going to waste. This correspondent is planning to add a few cows to his present herd of five and is evidently interested in the subject of sheep from the inquiry regarding their adaptability for keeping down weeds.

His chief objection to the sheep seems

# THESE WON THE PREMIUMS

## Ribbon Winners in the Big Show of Superior Quality at Topeka

THESE are the awards in live stock at the annual exposition of the Kansas State Fair Association held at Topeka, September 14 to 18. This live stock show has been said by many followers of fairs to have been the largest and best ever assembled in the state of Kansas.

### PERCHERON HORSES

Judge, John Huston, Illinois.  
Stallions, Four Years Old and Over—First, Charles R. Kirk, St. Joseph, Mo.; second, Bruce Saunders, Holton, Kan.; on Incus; third, Lee Jones, Alma, Kan.; on Irregular; fourth, P. G. McCully, Princeton, Mo., on Galata.  
Stallions, Three Years Old and Under Four—First, Lee Bros., Harveyville, Kan., on Reinhard; second, Charles R. Kirk, Tally; third, Lee Bros., In Time; fourth, Charles R. Kirk, Lignac; fifth, William Branson, Overbrook, Kan., Devere.  
Stallions, Two Years and Under Three—First, Lee Bros., Mullena; second, Lee Bros., Moraine; third, Leland McAfee, Prospect Boy.  
Stallions, Two Years and Under Three, Kansas-Bred Animals—First, Lee Bros., Mullena; second, Lee Bros., Moraine; third, Leland McAfee, Prospect Boy.  
Stallions, One Year and Under Two—First, John A. Peck, Tecumseh, Kan., Nogent; second, Lee Bros., Scip; third, Lee Bros., Scipion Jr.; fourth, Bruce Saunders, Inger.  
Stallion Colt Under One Year—First, Lee Bros., Scipion; second, John A. Peck, Longfield's Fridge; third, P. G. McCully, Daylight; fourth, Bruce Saunders, Include.  
Stallions, Kansas-Bred Animals One Year and Under Two—First, Lee Bros., Scip; second, Lee Bros., Scipion Jr.; third, Bruce Saunders, Inger; fourth, John A. Peck, Longfield 2d.  
Champion Stallion, Any Age—Charles R. Kirk, Joel.  
Reserve Champion—Lee Bros., Reinhard.  
Five Stallions, Any Age—First, Charles R. Kirk; second, Lee Bros.  
Stallion, Three Years Old and Over, bred and owned by exhibitor (offered by the Percheron Society of America)—Lee Bros.; first, Milo.  
Stallion, Under Three Years Old, bred and owned by exhibitor—First, Lee Bros., Moraine; second, Lee Bros., Scip; third, Lee Bros., Scipion Jr.  
Champion Stallion (offered by the Percheron Society of America)—Lee Bros., Moraine.  
Reserve Champion—Lee Bros., Scip.  
PUBLIC SERVICE STALLIONS—KANSAS OWNED.

Four-Year-Olds having at least 50 services the present year—First, Bruce Saunders, Incus; second, Lee Jones, Irregular; third, W. A. Gilchrist, Cicero.  
Three-Year-Olds having made at least 50 services present year—First, Lee Bros., Reinhard; second, Lee Bros., In Time; third, Branson, Devere; fourth, Lee Bros., Samuel.  
Mares, Four Years Old or Over—First, McCully, Gatte; second and third, Lee Bros., Elsie and Iovine; fourth, McCully, Tong.  
Mares, Two Years and Under Three—First, Branson, Maud; second, Lee Bros., Monita; third, Branson, Ruth; fourth, McCully, Dorothy.  
Mares, One Year and Under Two—First, Saunders, Pauline; second and third, Lee Bros., Nita and Neva; fourth, Branson, Gretta.  
Mares, Two Years and Under Three, Kansas-Bred—First, Branson, Maud; second, Lee Bros., Monita; third, Branson, Ruth.  
Mares, One Year and Under Two, Kansas-Bred—First, Saunders, Pauline; second and third, Lee Bros., Nita and Neva; fourth, Branson, Gretta.  
Mares, Under One Year—First, Branson, Pansy; second, McCully, Lady Oakland; third, Saunders, Patricia; fourth, McAllister, Shawnee Bell.  
Mares, Under One Year, Kansas-Bred—First, Branson, Pansy; second, Saunders, Patricia; third, D. F. McAllister, Topeka, Shawnee Bell.  
Champion Percheron Mare—McCully, Gatte.  
Reserve—Branson, Pansy.  
Stallion and Four Mares, Any Age, owned by one exhibitor—First, Lee Bros.; second, McCully; third, Branson.  
Get of Sire—First, Lee Bros., get of Scipion; second, Lee Bros., get of Han; third, Branson, get of Kaffin.  
Produce of Mare—First, Lee Bros., produce of Beatta; second, Branson, produce of Mahala; third, Saunders, produce of Bess.  
PERCHERON SOCIETY OF AMERICA SPECIALS.

Special D—Mare Three Years or Over, bred and owned by exhibitor—McAllister, Lula.  
Special B—Mare Under Three, bred and owned by exhibitor—First, Lee Bros., Monette; second and third, Branson, Maud and Pansy.  
Special F—Champion Mare, bred and owned by exhibitor—Lee Bros., Monette, Reserve, Branson, Maud.  
Special G—Get of Stallion—First, second and third, Lee Bros., get of Scipion, Han and Kaffin.  
Special H—Produce of Mare—First, Lee Bros., produce of Beatta; second, Branson, produce of Mahala; third, Saunders, produce of Bess.  
Special I—Champion Stallion and Four Mares, owned by exhibitor—First, Lee Bros.; second, Branson.  
Special J—Five Stallions owned by exhibitor—Kirk.  
Special K—Best Three Mares owned by exhibitor—First, Branson, Maud, Ruth and Pansy; second, McCully, Gatte, Tong and Dorothy; third, Lee Bros., Moneta, Elsie and Spicerine.  
Special L—Champion Stallions, Open Class—First, Kirk, Joel; second, Saunders, Include.  
Special M—Champion Mare, Open Class—First, P. G. McCully, Princeton, Mo., Gatte; second, Lee Bros., Moneta.  
BELGIANS.  
Stallion, Four Years Old or Over—Lee Jones, Alma, Kan., on Medor.  
Mare Four Years Old or Over—Lee Jones, Monia.  
Champion Stallion, Any Age—Lee Jones, Medor.  
Reserve—Lee Jones, Mardia.  
Champion Belgian Mare, Any Age—Lee Jones, Monia.  
Champion Kansas-Owned Belgian Stallion, Four Years Old or Over—Lee Jones, Medor.  
Reserve—Lee Jones, Mardia.  
PUBLIC SERVICE STALLIONS—KANSAS OWNED.  
Four Years Old or Over—Lee Jones, Medor; second, Lee Jones, Mardia.  
DRAFT MARES AND GELDINGS.  
Judge, John Huston, Blansville, Ill.  
Draft Mare or Gelding, Four Years Old or

Over—Thomas Gray, Lyndon, Kan., Flossie, Draft Mare or Gelding Three Years and Under Four—Thomas Gray, True.  
Team Pure-Bred Mares or Stallions—First, Charles R. Kirk, St. Joseph, Mo.; second, Lee Bros., Harveyville, Mo.; third, P. G. McCully, Princeton, Mo.  
Geldings, Farm Team Weighing 3,200 Pounds or Over—Thomas Gray, Flossie and True.  
CAPPER BOYS' COLT SHOW.  
Best Draft Foal During 1914—First, William Branson, Overbrook, Kan., Pansy; second, Willie Clark, Meriden, Kan., Barnay; third, Bruce Saunders, Holton, Kan., Patricia; fourth, H. W. McAfee, Topeka, Minnie.  
Best Mule Colt Foaled During 1914—J. F. True 3d, Perry, Kan., Kate.  
Best Driving Colt Foaled During Year—First, Allen Harrison, Topeka, Prince; second, Harold Peck, Tecumseh, Josephine; third, Verne Handley, Topeka, Dollie; fourth, James Scott, Topeka, Lady Pinkerton.

### JACKS

Four Year Old or Over—First, Lee Jones, Alma, Kan., Orphan Boy; second, M. G. Bigham, Oxawkie, Kan., Admiral Carter.  
Three Years and Under Four—First, M. H. Roller, Circleville, Kan., John L. Jr.; second, J. F. True, Perry, Kan., Richmond.  
Champion Any Age—Roller, John L. Jr., Jenneta, Two Years and Under Three—First and second, M. G. Bigham, Saunders and Josie.  
Two Years and Under Three—Bigham, Rosie Lacey.  
One Year and Under Two—Bigham, Shady Lady.

### SHEPHERD PONIES

Judge, John Huston, Blansville, Ill.  
Stallions Four Years Old or Over—First, second and third, Stewart & Welty, Nevada, Iowa, Perfect Harum, Lord Kennedy and Joyful; fourth, Mrs. R. T. Kreipe, Topeka, Kan., Pepper.  
Stallions Two Years and Under Three—Mrs. Foster, Topeka, Kan., Ned Stucker.  
Stallions One Year and Under Two—First, Welty & Stewart, Sharp Kennedy.  
Mares Three Years Old or Over—First, Stewart & Welty, Mack Princess; second

Junior Yearlings—First, O. E. Green, Genoa, Neb., Bean Parcial.  
Senior Calves—First, Thompson Bros., Band Lad 2d; second, Davis, Vernet Prince 18th; third, Green, Cloverdale Pride.  
Junior Bull Calves—First, Davis, Vernet Prince 2d; second, Thompson Bros., Moon Change; third and fourth, Green, Beau Golden and Ina; fifth, Biehl & Sidwell, Beau Standard.  
Cows Three Years or Over—First, Davis, Belle Perfection; second, Thompson Bros., Dona Agnes; third, Biehl & Sidwell, Amy Donald.  
Two Years Old and Under Three—First, Davis, Lady Albany 29th; second and third, Thompson Bros., Mamie and Corrector's Mate.  
Senior Yearling Heifer—First, Davis, La Vernet Queen; second, Thompson Bros., Lily of S. V. 2d; third, Biehl & Sidwell, Lady Violet; fourth, Green, Ines Parcial.  
Heifer Junior Yearling—First, Davis, La Vernet Princess 10th; second, Green, Garnet Parival; third, Thompson Bros., Lily of S. V. 3d; fourth, Biehl & Sidwell, Mabel.  
Senior Calf Heifer—First, Davis, La Vernet Princess; second, O. E. Green, Garnet Parival; third and fourth, Biehl & Sidwell, Annabel 7th and Annabel 6th; fifth, Thompson Bros., Lily of S. V. 4th.  
Junior Heifer Calves—First, Davis, La Vernet Princess; second, Green, Violet Mischief; third, Biehl & Sidwell, Lady Shew; fourth, Green, Helena Mischief; fifth, Thompson Bros., Lily of S. V. 11th.  
Senior Champion Bull—Davis, La Vernet Prince 2d.  
Junior Bull Champion—Davis, Vernet King 4th.  
Grand Champion Bull—Davis, Vernet King 4th.  
Cow, Senior Champion—Davis, Lady Albany 29th.  
Cow, Junior and Grand Champion—Davis, Vernet Princess 18d.  
Aged Herd—First, Davis; second, Thompson Bros.  
Young Herd—First, Davis; second, Green; third, Thompson Bros.  
Calf Herd—First, Davis; second and third, Green.

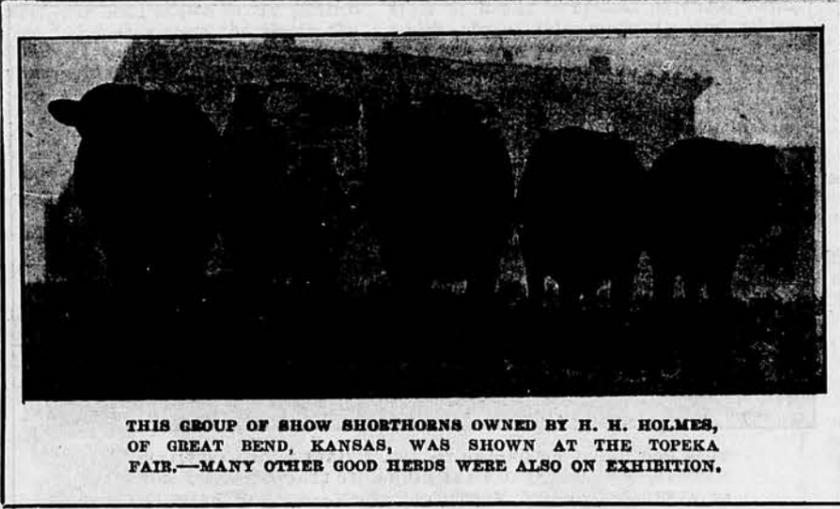
Junior Bull Calf—First, Holmes; second, Forbes.  
Aged Cow—First and second, Holmes, Dalmeny Beauty and Baby Mine; third, Forbes, Apple Blossom.  
Two-Year-Old Cow—First and second, Holmes, Alfalfa Rose and Winsome Lady.  
Senior Yearling—First, Forbes, Sweet Orange 3d.  
Junior Yearling—First, Holmes, Sweet Blossom.  
Senior Heifer Calf—First and second, Holmes, Model Blossom and Echo Jessie.  
Junior Champion Female—Holmes, Sweet Blossom.  
Senior and Grand Champion Female—Holmes, Alfalfa Rose.  
Senior and Grand Champion Bull—Holmes, Clipper Model.  
Junior Champion Bull—Forbes, Royal Monarch.  
Produce of Cow—First, Forbes, produce of Sweet Orange.  
Aged Herd—Holmes.  
POLLED DURHAMS.  
Judge, John Tomson, Dover, Kan.  
Bull Two Years and Under Three—Ed Stegell, Straight Creek, Kan., True Sultan.  
Junior Yearling Bull—First, Ed Stegell, Favorite; second, D. C. Van Nice, Richland, Kan., Waterloo Hero.  
Junior Bull Calves—First, Stegell, Chief; second, Van Nice, Young Prince.  
Cows Three Years and Over—First, Stegell; second, third and fourth, Van Nice.  
Cows Two Years and Under Three—First, Stegell, Queen Victoria; second, Van Nice, Scottish Girl.  
Senior Yearling Heifer—Van Nice, Buttscup.  
Junior Yearling Heifer—First and second, Stegell.  
Senior Heifer Calves—Van Nice, Lady Clay.  
Junior Heifer Calves—First, Van Nice, Golden Queen; second, Stegell, Daisy Luck; third, Van Nice, Duchess Beauty.  
Senior and Grand Champion Bull—Stegell, True Sultan.  
Junior Champion Bull—Stegell, Favorite.  
Senior and Grand Champion Cow—Stegell, Lady Marshall.  
Junior Champion Cow—Stegell, Lena Luck.  
Aged Herd—First, Stegell.  
Young Herd—First, Stegell.  
Get of Sire—First, Van Nice.  
Produce of Cow—First, Stegell, Hyden Rose; second, Van Nice, Nora Clay 5th; third, Van Nice; fourth, Stegell.

### RED POLL CATTLE

Judge, Mr. Dahlam, El Dorado, Kan.  
Bulls Over Three Years—First, J. W. Larabee, Earlville, Ill., Apple Garland; second, Hausler Bros., Mohrhook, Neb., Teddy's Best.  
Bulls Two Years and Under Three—First, Larabee, Teddy's Charmer; second, Larabee, Gay Jack.  
Bulls One Year and Under Two—First, Larabee, Queen Buddy; second and third, Hausler Bros., Royal Charmer and Gay Jack.  
Bull Calves—First, Hausler Bros., Wild Boy; second and third, Uno Boy and Dandle; fourth, Hausler Bros., Teddy O. K.  
Cows Four Years Old or Over—First, Hausler Bros., Gazelle; second, Larabee, Davy Belle 4th; third, Larabee.  
Cows Three Years and Under Four—Larabee, Red Rose.  
Heifer Two Years and Under Three—First, Hausler Bros., Tippi; second, Larabee, Sweet Rose; third, Larabee, Lucy.  
Heifer One Year and Under Two—First, Larabee, Chicago Girl; second, Hausler Bros., Lady Crook; third, Larabee, Rose Bud.  
Heifer Under One Year—First, Larabee, Alice; second, Hausler Bros., Charming Lady; third, Larabee, Ada.  
Senior Champion Bull—Larabee, Teddy's Charmer.  
Junior Champion Bull—Larabee, Queen Daddy.  
Senior and Grand Champion Bull—Larabee, Teddy's Charmer.  
Senior and Grand Champion Cow—Hausler Bros., Gazelle.  
Junior Champion Cow—Larabee, Alice.  
Aged Herd—First, Larabee; second, Hausler Bros.; third, Larabee.  
Calf Herd—First, Hausler Bros.; second and third, Larabee.  
Get of Sire—First, Hausler Bros., Teddy's Best; second and third, Larabee, Sir William and Dandy.  
Produce of Cow—First and second, Larabee, Junata and Apple Jell; third, Hausler Bros., Lucy B.

### FAT CATTLE

Judges, John Tomson, Dover, Kan.; E. W. Brown, Fall River, and Prof. J. L. Torney, Madison, Wis.  
Two Years Old and Under Three—First, Kansas Agricultural College, Manhattan, Delighted; second, W. J. Miller, Newton, Iowa, Carpenter's Hero; third, K. S. A. C., Good Lad; fourth, James K. Vardaman, Jackson, Miss.  
One Year Old and Under Two—First, K. S. A. C., Beau Hazen; second, K. S. A. C., Golden Dale; third, W. J. Miller, Ridge Lawn Laddie; fourth, K. S. A. C., Queen's Prince 5th.  
Under One Year Old—First, second and third, K. S. A. C., Secret Dale, Royal Beau and Erwin's Best; fourth, Miller, Ernie's Lad.  
Group, One Calf, One Yearling and One Two-Year-Old—First and second, K. S. A. C.; third, Miller; fourth, K. S. A. C.  
Champion Steer, Any Age, Any Breed—K. S. A. C., Manhattan, Delighted.  
JERSEY CATTLE.  
Judge, Prof. J. H. Frandsen, Lincoln, Neb.  
Bulls Three Years and Over—First, H. F. Erdley, Holton, Kan., Castor's Splendid; second, Fred Laptad, Lawrence, Kan., Nora's King Lambert.  
Bulls Two Years and Under Three—First, J. E. Smith, Platte City, Mo., Stockwell's Champion; second, F. J. Scherman, Topeka, Grand Fern Lad.  
Bulls One Year and Under Two—First, Erdley, Victoria's Golden; second, Smith, Waterloo Boy; third, Laptad; fourth, James H. Scott, Topeka, Betty's Stockwell.  
Bulls Under One Year—First, Smith, Fontaine Lord; second, Erdley, Idyl Castor; third and fourth, Financial Wonder Lad and Ida's Lad.  
Aged Cows—First, Smith, Lilly Belle; second, Erdley, D. Brown Fox; third, Smith, Warder's Proud Beauty; fourth, Erdley, Fox S. Rose.  
Cows Three Years and Under Four—First, Smith, Pleasant Valley; second, Erdley & Sons, Gray Lad's Silverine.  
Heifers Two Years and Under Three—First, Smith, Stockwell Nora; second and third, Erdley & Sons, Gay Seal and Castor's Sweet Bell.  
(Continued on page nineteen.)



THIS GROUP OF SHOW SHORTHORNS OWNED BY H. H. HOLMES, OF GREAT BEND, KANSAS, WAS SHOWN AT THE TOPEKA FAIR.—MANY OTHER GOOD HERDS WERE ALSO ON EXHIBITION.

and third, Mrs. Kreipe, Kinsey Belle and Lady May; fourth, Stewart & Welty, Lady Starlight.  
Mares Two Years and Under Three—First and second, Stewart & Welty, Emma McDonyed and Virgil Larago, third, Ruthorn.  
Mares One Year Old and Under Two—First, Mrs. Kreipe, Chiquita; second, Welty & Stewart; third, Mrs. Kreipe, La Faye.  
Foal, Either Sex, Under One Year—First, second and third, Mrs. Kreipe, Belle Pepper, Red Pepper and Black Pepper.  
Best Shetland Stallion and Four of His Get—First, Mrs. Kreipe, Pepper and get. Champion Mare—Welty & Stewart, Mack Princess.

### CATTLE AWARDS

ANGUS CATTLE.  
Judge, John Tomson, Dover, Kan.  
Bulls Over Three Years—L. R. Kersaw, Muskogee, Okla., Black Emerson.  
Bulls Two Years and Under Three—W. J. Miller, Newton, Iowa, Enus 4th.  
Junior Yearling Bull—Miller, Barbara Rosegay.  
Senior Bull Calf—Miller, Woodson Rosegay.  
Senior Champion Bull—Miller, Enus 4th.  
Cows Two Years and Under—First, Miller, Barbara Woodson; second, Kershaw, Brookside Rose, third, Miller, Barbara Woodson 2d; fourth, Kershaw, Duchess.  
Cows Two Years and Under—First, Miller, Aaron's Pride; second, Miller, Miss Barbara; third, Kershaw, Pride of Alta.  
Senior Yearling Heifer—First, Kershaw, Blackbird of Clearbrook; second, Miller, Radgokawn Pride.  
Junior Yearling Heifers—First, Miller, Brige Lawn Kate; second and third, Kershaw, May of Rosemere and Heather of Rosemere.  
Senior Heifer Calf—Kersaw, Black Lola of Rosemere.  
Junior Heifer Calves—First, Kersaw, Heather of Rosemere; second, Miller, Black Rose.  
Senior and Grand Champion Cow—Miller, Barbara Woodson.  
Junior Champion Cow—Kersaw, Blackbird of Clearbrook.  
Aged Herd—First, Miller; second, Kersaw, Young Herd—Miller.  
Calf Herd—Miller.  
Get of Sire—First, Miller, Rosegay 6th; second, Kersaw, Oakville Quiet Lad.  
Produce of Cow—First and second, Miller; third, Kersaw.

### GALLOWAY CATTLE

The herd of Galloways belonging to G. E. Clark, of Topeka, Kan., won all prizes in their class.  
HEREFORDS.  
Judge, B. W. Brown, Fall River, Kan.  
Bulls Three Years and Over—First, Biehl & Sidwell, Queen City, Mo., Columbus Regent; second, Ben Anderson, Lawrence, Kan.  
Bulls Two Years and Under Three—First, W. J. Davis, Jackson, Miss.; second, Thompson Bros., West Point, Neb.; third, Biehl & Sidwell, Columbus Regent 3d.

Get of Sire—First, Davis; second and third, Green.  
Produce of Cow—First, Davis; second, Green; third, Thompson Bros.

### SHORTHORN CATTLE

Judge, John Tomson, Dover, Kan.  
Bull Three Years Old and Over—First, Rees & Sons, Pilger, Neb., Whitehall Rosedale; second, H. H. Holmes, Great Bend, Kan., Clipper Model.  
Bull Two Years Old and Under Three—H. C. Lookabaugh, Watonga, Okla., Bell Searchlight.  
Senior Yearling—First, Bellows Bros., Maryville, Mo., Superior Goods; second, Harry Forbes, Topeka, Royal Monarch.  
Junior Yearling—First, H. C. Lookabaugh, Bell Searchlight 2d; second, Bellows Bros., Diamond Frolic; third, Rees & Sons, Village Premier.  
Bull Senior Calf—First, Bellows Bros., Parkdale Baron; second, Bellows Bros., Diamond Victor; third, Lookabaugh, Lavendale; fourth, Holmes, New Dalmeny.  
Cow Three Years and Over—First and second, Holmes, Dalmeny Beauty and Baby Mine; third and fourth, Forbes, Apple Blossom and Sweet Orange 3d.  
Cows Two Years Old and Under Three—First, Lookabaugh, Isabella; second, Rees & Sons, Lovely Goods; third, Holmes, Alfalfa Rose; fourth, Holmes, Winsome Lady.  
Senior Yearling Heifers—First, Bellows Bros., Queen of Beauty 28th; second, Lookabaugh, Princess Violet 2d; third, Rees & Sons; fourth, Bellows Bros.; fifth, Forbes.  
Junior Yearling Heifers—First, Lookabaugh, Victoria's 2d; second, Holmes, Sweet Blossom; third, Rees & Sons, Dale's Gift.  
Senior Heifer Calves—First, Rees & Sons, Lady Violet 7th; second, Bellows Bros., Diamond Queen; third, Lookabaugh; fourth, Lookabaugh; fifth, Holmes.  
Junior Heifer Calves—First, Lookabaugh, Lord's Violet; second, Bellows Bros., Diamond Emma; third, Rees & Sons, Nonpareil D.  
Calf Herd—First, Bellows Bros.; second, Lookabaugh; third, Rees & Sons; fourth, Holmes.  
Get of Sire—First, Rees & Sons; second, Bellows Bros. third, H. Rees & Sons.  
Produce of Cow—First, Lookabaugh; second, Bellows Bros.; third, Rees & Sons.  
Senior and Grand Champion Bull—Rees & Sons, Whitehall Rosedale.  
Junior Champion Bull—Bellows Bros., Parkdale Baron.  
Senior and Grand Champion Cow—Lookabaugh, Isabella.  
Junior Champion Cow—Lookabaugh, Lord's Violet.  
Aged Herd—First, Lookabaugh; second, Rees & Sons; third, Holmes.  
Young Herd—First, Bellows Bros.; second, Lookabaugh; third, Rees & Sons.  
KANSAS SHORTHORN SPECIALS.  
Agel Bull—Holmes, Clipper Model.  
Senior Yearling Bull—First, Forbes, Royal Monarch.  
Senior Bull Calf—First, Holmes, New Dalmeny.

# GEARY FARMS LIGHTED

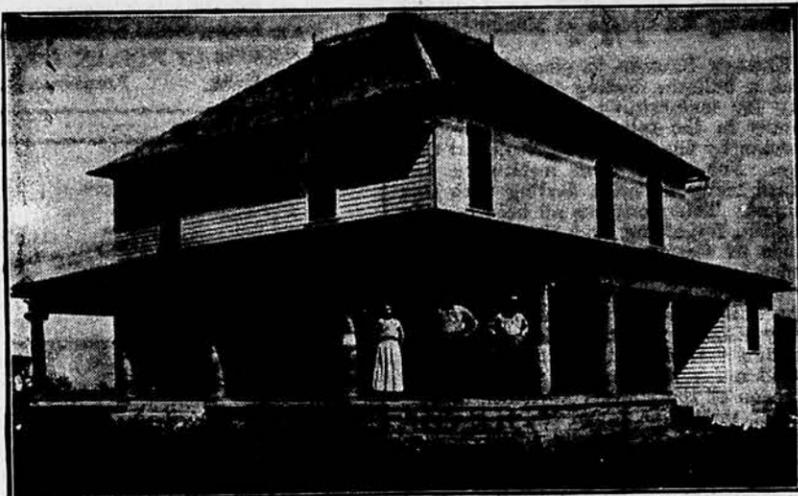
*Electricity, Generated at Home, Lights One County Cheaply*

**E**LECTRIC lights for the residence and other buildings are now within the reach of most farmers. Geary County has more electric-lighted farm homes than any other county in Kansas, and it is because of our observations among these that we feel warranted in the above statement. Within an area of ten miles in each direction from Junction City there are more than 100 farm homes lighted exclusively with electricity. Many of these are modest homes, too. The electricity is generated in each case by a gasoline engine and in few instances is it necessary for the engine to be run for the exclusive generation of current. The engines are so rigged that when they are pumping water, operating the washing machine, shelling or grinding corn, the generator is at the same time being operated. The current is stored in batteries which supply the current for the lights.

The remarkable development of the electric light for farm use during the past couple of years has been due to the improvements in storage batteries and the regulation and control of the "juice." Batteries are now long-lived while formerly they were short-lived. They now store the electricity with little or no loss from leakage. Formerly the loss was heavy. There was a time when

It is to be kept in mind that the expensive farm residence is not that which alone should have electric lighting or other modern conveniences. The owner and occupant of even a modest residence owes it to himself and to his family to provide therein the comforts necessary to make life the more worth living and to provide at home those things which prove attractive to the family. It is folly to delay providing modern comfort until it is possible to erect a mansion, for the same reason that it is foolish to refuse to engage in dairying because of the feeling that an expensive barn is needed for the satisfactory housing of the stock. A home cannot be made from four expensive walls. It is that which is inside these walls that makes the home—the comforts and conveniences therein which make the enclosure comfortable and attractive.

One of the most commodious of Geary County farm homes is that of Cyrus Acker. He is one of the pioneers of his county. He recently built a thoroughly modern twelve-room house, and this, with its surroundings, is one of the finest farm homes in Kansas. It is probable that there are few city homes better provided with modern conveniences. It has a modern hot-air furnace, a complete air pressure water system with hard



CYRUS ACKERS' ELECTRICALLY LIGHTED RESIDENCE IN GEARY COUNTY.

batteries were seriously injured by overcharging. There is now a simple apparatus which prevents overcharging.

In an occasional home light power for operating the washing machine and the sewing machine is furnished by the batteries through the use of small motors. The same batteries furnish current for electric fans, for electric irons in the family laundry and for hot plates in preparing a hurried meal. It is apparent from the above how diversified are the uses which come from an electric light plant. The expense of installation depends, of course, upon the number of lights to be operated and the use made of the current. Figures in the Junction City district show an average cost of 15 cents per month for the current used in the five or six-room residence, this not counting interest on investment or depreciation of equipment.

There can be no question but that electricity furnishes the safest, cleanest and most convenient system of lighting. An important point in the consideration of electric lighting is that of safety. With the wiring properly done the fire hazard is reduced to a minimum. On the farm this is particularly important. It is indeed a source of gratification to step inside the barn door, turn on a switch and have the barn thoroughly lighted, and with the consciousness that there is no danger from an animal knocking over a lantern.

No residence is complete these days without its water, heating and lighting systems. The heating has long been simple. Within the last five years only have water systems been easily available and satisfactory. The perfection of the gasoline engine entered into the perfection of water systems. The same gasoline engine entered into the perfection of water systems. The same gasoline engine has made possible satisfactory electric lighting. It is apparent, therefore, how essential the gasoline engine has become, not only in operating the machinery needed on the up-to-date farm but in making possible the modernly-equipped farm residence.

and soft water on each floor, several complete bath rooms, a cemented basement with laundry, and electric lights in every room in the house, in the barn, garage, wood shed and about the farm-yard. Mr. Acker takes more satisfaction in his lighting plant than in any of the other conveniences. His light is produced by a 1½-horsepower gasoline engine which charges a storage battery while the engine runs a washing machine, pumps water or is doing other work. Mr. Acker has had no trouble in keeping his boys on the farm. One son is grown and married and is a substantial farmer of Geary County. His buildings are lighted by the same kind of plant as that possessed by his father. Two younger sons take a keen interest in the Acker farm and find their home interesting and congenial.

### The Best Selling Time.

Of course everyone knows that the best selling time is when the prices are highest, or in other words when the article is scarce and therefore more difficult to obtain. It isn't always possible to have things on hand for market at this time, but a little forethought and planning for this time will often help out considerably. With this end in view remember that eggs generally bring the best prices in December and January. Potatoes reach their highest about the first of August and decline rapidly after this time. Chickens are a luxury in May and June. Butter rises and falls with eggs and is consequently highest during December and January. So in time of plenty prepare for famine.

Mr. Stubb (in astonishment)—Gracious, Maria! That tramp has been singing in the back yard for the last hour.

Mrs. Stubb—Yes, John, it is all my fault.

Mr. Stubb—Your fault?

Mrs. Stubb—Indeed it is. I thought I was giving him a dish of boiled oatmeal, and instead of that I boiled up the birdseed by mistake.—Chicago News.

## Buy Roofing as You Buy Seed

YOU wouldn't think of buying seed from a company you knew little about or because of low price—

You have too much at stake to take a chance—you must be sure of results!

Roofing—like seed—is only safe to buy when offered by a company in which you can place absolute confidence.

### J-M ASBESTOS ROOFING

"The Roll of Honor"

is manufactured by a concern that has been in existence for over half a century—that has a reputation for honest dealing that is country-wide and has never been known to willingly permit a single customer to be dissatisfied.

J-M Asbestos Roofing is made of the best materials that money can buy—fire-resisting and practically imperishable pure Asbestos fibre and Trinidad Lake Asphalt—the world-famous water-proofing. It never needs coating.

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We have 275,000 customers already. We are out for 50,000 more *this year*. The quality, the improvements, the prices, the new designs we now offer are astonishing. You are entitled to them and to the offer of any Kalamazoo, freight prepaid, on trial for a part of price deposited in your own bank. Order shipped day received. Year's approval test. Get book and see.

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KALAMAZOO STOVE CO.,  
Manufacturers  
Kalamazoo, Michigan

Write for BIG FREE BOOK

Shows 500 Styles All Prices



## COLEMAN AIR-O-LITE



Most modern and economical, portable lamp ever offered. Over 500,000 now in use on farms, in town homes, stores, etc. The simplest and safest lamp of them all. Gives you less trouble—no wicks to trim, no chimneys to clean. Fill only once a week, clean only once a year. Makes and burns its own gas—50 hours from one gallon of gasoline. Gives 300 candle power, at only ¼¢ per hour.

### GUARANTEED FOR FIVE YEARS

No danger, even if tipped over. No smoke, no smell, no soot, no glare, no flicker—just brilliant, steady, perfect "homey" light—always ready. Send for free literature, containing illustrations, descriptions and prices on many beautiful styles of Air-O-Lite lamps and shades.

### MAKE MONEY THIS WINTER

Selling Coleman Lights to your neighbors. Call on them evenings and demonstrate. Every Home a Prospect. Every Lamp its own salesman. Show it and it sells itself. Experience unnecessary. Get agency in your locality. Write for catalog and wholesale price list.

THE COLEMAN LAMP CO. 225 N. St. Francis, Wichita, Kans. 276 E. 6th St., St. Paul, Minn. 1021 Summit Street, Toledo, Ohio 419 Akard, Dallas, Texas

## Have You Hay To Sell?

**I**F you have alfalfa hay to sell, you can find buyers through KANSAS FARMER Classified Advertising columns. The hay crop east of Kansas is short and Missouri and Illinois farmers are writing us for the addresses of Kansas farmers who have hay to sell. They want to do business direct with the grower.

A Classified Ad in KANSAS FARMER will put you in touch with buyers for your hay. The rate is only four cents per word for each insertion.



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Use Lu-Co-Flat on your walls instead of wall paper or calcimine. Your walls then can be wiped off with a damp cloth and made like new, thoroughly erasing all finger marks and dirt from smoke, steam or other causes.

It gives the wall a soft, velvety, rich tone, restful to the eyes, and lasts for years.

### Lu-co-Flat

is sanitary and hygienic. Dries uniformly. Is unaffected by steam, moisture and smoke. Does not cake in the can. Is extremely durable, beautiful and very artistic.

Finish your walls with Lu-Co-Flat, also freshen up your furniture, floors, stoves with Lucas Home Helps. Both are Lucas quality products, the result of 65 years' experience.

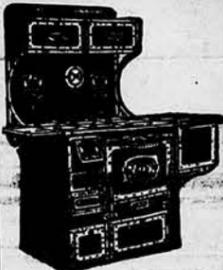
### FREE Expert Information—When and How to Paint

Write today to our Service Department for expert advice on your home painting problems. We will also send our book, "When and How to Paint."



**John Lucas & Co.**  
Inc.  
Office No. 3777  
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### FREE Two Valuable Books, "The RANGE PROBLEM" and



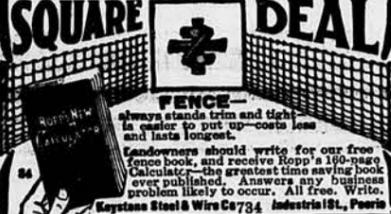
### CASH IN ON THE OLD STOVE

**You Can Discard Your Old Stove with Advantage and Profit!** Lasts Longer In construction, workmanship and design. The Monarch is years ahead of all other ranges. It is made of malleable iron and steel. It has complete triple walls— asbestos and steel. Full protection against damage by corrosion. The top and oven heat quickly. Every seam is riveted tight—no bolts or stove putty to loosen and fall out. The Duplex Draft and Hot Blast Fire Box insure even heat and full use of all the fuel. The polished top never needs blacking.

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### Long Life Fence

Square Deal Fence is made from wire we draw in our own mills, galvanized heavily to prevent rust, built for long life from start to finish. Stay wires one-piece, tied to strand wires with the lock you see below—



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1418 Main Street, Kansas City, Mo. Engines, gears, axles—transmissions, 50% to 65% less than list prices. Money refunded if goods not satisfactory. Second hand cars at salvage prices. Supplies, oils and greases. Correspondence solicited. We buy wrecked, burned or damaged cars.

### SURE CORN REMEDY

Painless. 15 and 25c sizes, postpaid. Money back if it fails. Dr. Ebaugh, Moberly, Mo.

# THE FARM



There is no reason why Turkestan alfalfa seed should sell for more money than domestic seed. In spite of the fact that the Turkestan product brings a lower price at wholesale, its retail price is frequently higher than that of any other variety. Turkestan alfalfa has been grown in the United States for about fifteen years. It is now declared that this variety has nothing to recommend it for general use in this country. It is particularly unsuited to the humid climate of the East and is not sufficiently hardy to warrant its general use in the West where hardness is an important factor. Fortunately, Turkestan alfalfa seed can readily be identified by the presence in it of the seed of Russian knop weed. These seeds are slightly larger than alfalfa seed and cannot be removed by any practical method of machine cleaning. Approximately one-fifth of the alfalfa seed planted in this country comes from abroad and of this quantity 95 per cent comes from Turkestan. In Europe, Turkestan alfalfa has not been found as satisfactory as other varieties and as a consequence brings a lower price in the markets than other alfalfa seed. The above facts are taken from a report by the Federal Department of Agriculture.

We had last spring several inquiries as to whether or not the varieties of corn grown in Argentine would be worth trying in Kansas. At the time we had not seen Argentine corn, but advised that there was no occasion for substituting the seed of any corn for the seed of the best adapted native varieties. We now have a report from a Clay County subscriber who planted last spring some Argentine corn. The total yield in bushels per acre was very good, but not better than the yield of native varieties. The Argentine corn he grew had a dwarfed stalk and yielded from two to four ears of hard, flinty corn. There was no indication that it was more dry weather-resistant than native corn, but it was ten days to two weeks earlier in maturity. It would seem, therefore, that there is no occasion for KANSAS FARMER folks to buy Argentine seed corn with the expectation of securing a more certain or better yield. If an earlier maturing variety of corn is needed—and we think such need exists—then we should use the best varieties of northern grown seed, for instance, something on the order of Minnesota No. 13, thousands of acres of which were planted in the northern half of Kansas last spring and which has given a good account of itself. It is an early maturing corn and of small variety. On many farms it was the only corn which made a crop this season. It is a good plan, we think, to divide the corn acreage between an early maturing variety and a medium early or medium late. The several plantings give just that many more chances for a corn crop.

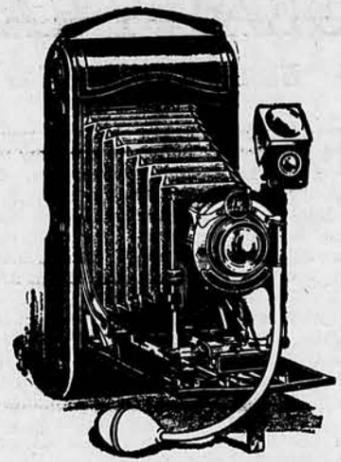
A feature of the farmers' institute held recently at Morland, in Graham County, was that one session of the meeting was held on the farm of J. E. Thompson. The session was held there in order that those in attendance might observe and study the methods pursued in the selection of seed corn and the seed of kafir in the field. Also that a study might be made of contour farming as practiced on this farm. This is a method by which the listing and the plowing extends across the slope and not in the direction of the slope, thus controlling soil washing to a considerable extent. Contour listing also catches the rain which is held in the furrow until it settles into the subsoil. These are features which reduce the run-off to a minimum and which result in the soil taking up the water which under other methods of cultivation would escape. This is a method of farming which commends itself to the areas of light rainfall as well as to those sections in which the lands are rolling and serious damage results from washing. At the same session a demonstration in the treatment of seed wheat for smut was also given. W. A. Boys, district agricultural agent on the Union Pacific Railroad in Western Kansas, was conspicuous in the arrangements made for these features. KANSAS FARMER folks have observed from time to time that the farmers' institute is each year getting closer and closer to the farm. It will be only a short time until those agencies seeking to teach better farming will seek the farm for all their demonstration work.

institute is each year getting closer and closer to the farm. It will be only a short time until those agencies seeking to teach better farming will seek the farm for all their demonstration work.

A movement which should interest every Kansas farmer is that started by the Extension Division of the Kansas Agricultural College for an acre orchard on each farm. This work is in the hands of George Greene, the extension horticulturist. This movement means only a few trees and only an acre of ground, but these trees and that acre well cared for will produce more comfort and more pleasure and more profit than any other five acres on the farm. This idea ought to meet with a popular response. There are varieties of fruit adapted to every section of the state and no farmer—whether he lives in the north, south, east, west, or center of the state—need be without the orchard which will supply his family with the necessary fruit. Of course, fruit trees need cultivation and attention as does the corn or kafir crop. Questions regarding varieties, methods of planting, etc., will be answered by addressing Mr. Greene at Manhattan.

KANSAS FARMER is pleased to know that a bulletin dealing with the necessity for maintaining a good supply of humus in the soil has been printed in German by the Kansas Agricultural College. For years that institution has issued many bulletins dealing with this subject. This work has all been done in English, forgetting that there are thousands of German farmers who do not understand readily the English speech or the English printed page. The German bulletin is for German readers and every Kansas farmer reader who has a German friend will confer upon that friend a favor by asking the Extension Division of the Kansas Agricultural College to mail that friend one of the bulletins printed in German. The advantages of soil humus are each year becoming more and more apparent. We must work back into the soil decayed vegetable matter in order that the soil may absorb and hold moisture and also that it may be worked more easily and to prevent baking following rains. A half dozen times this year have we seen good corn crops on new land or on land which for four or five years has been in grass. The increased supply of fertility in such land no doubt had its effect on the crop, but one big factor in making the crop was that the land did not dry out so readily and the corn did not burn as in the case of fields adjoining which had for years been farmed without giving the land a rest or without giving it opportunity to fill with the roots of grass. Only a few days ago we had a letter from a man who advised that he had this year grown a good crop of corn on stump land which had this year produced its first crop, whereas on land equally well situated and which had been farmed for many successive years the crop was a total failure. We must recognize the advantages of rotating crops and of so handling the land that it will be supplied with the decayed vegetable matter needed to enable the soil to hold moisture and to keep in good physical condition.

We have just received one of the bulletins issued by the agricultural agent, Ambrose Folker, Jewell County. He, as other agricultural agents, issues frequent bulletins to members of the farm bureau and to newspapers of the county, calling attention to those things which need doing at the time and advising as to accomplishments of farmers throughout the county. If the farmers of Jewell County will observe those things to which attention is called in this bulletin, which is typewritten and occupies only one page of letter paper, they will as a result of this one message have made and saved enough money to pay the full expense of this agent for one year. He urges wheat growers to kill the volunteer wheat and weeds and grass growing on the plowing which is soon to be seeded. This is suggested as a means of minimizing the possible damage from Hessian fly, and he further urges that wheat be not sown until after the fly-free dates for that county, which are September 29 for the north half and



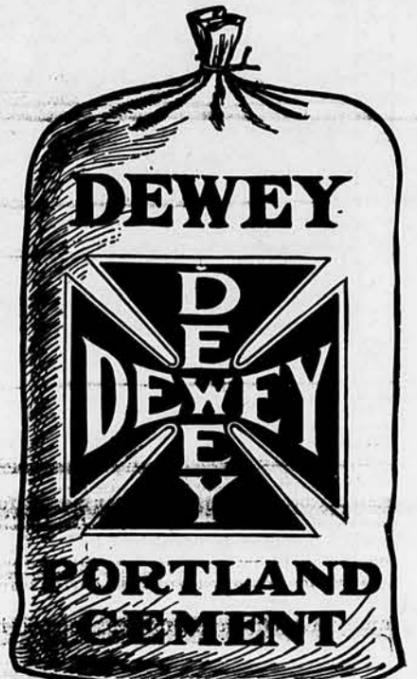
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Apple trees \$6 per 100 and up; Peach trees \$7 per 100; Cherry trees \$12 per 100. All of the best varieties for the Middle-West.

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Concord Grapes, . . . . .	\$2.00 per 100
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Trees and plants guaranteed to be true to name and free from disease. We pay freight on \$10.00 orders, and guarantee safe arrival. Headquarters for all kinds of Berry Plants, Garden Trees, Shade Trees, Forest Tree Seedlings, Flowering Shrubs, etc. FREE CATALOG.

**HOLSINGER BROS. NURSERY,**  
Box 209, ROSEDALE, KANSAS.

### Trapping Pays Big!

**Free Book Tells How**  
Trapping is profitable, pleasant, healthful work. Fur bearing animals are plentiful on most farms. Spare time night and morning is enough. Write today for free book telling when and where to trap; kind of traps and bait to use; how to remove and prepare skins; also trapping laws of U. S. and Canada.

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**FREE** Send postal today for free catalog of traps and supplies. Every article trappers need. Prices the lowest. Write for free book without delay.

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AMERICA'S GREATEST FUR HOUSE  
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ST. LOUIS, MO., U. S. A.

September 30 for the south half. He urges the selection of compact, heavy and early maturing heads of kafir, fet-erita and milo, for seed for next year's planting. He advises, also, that during the week of September 28 to October 3, he and Doctor McCall, the latter veter-inarian of the U. S. Department of Agriculture, will hold a series of demon-strations in vaccinating hogs as a means of preventing cholera. He states, also, that on the farm of one of the members of the farm bureau can be seen a fine demonstration of the results of deep plowing and the use of a subsoil plow breaking up the soil to the depth of about fourteen inches, these subsoiled furrows being about five feet apart. Agent Folker says that on land so cul-tivated corn and alfalfa show up far above that of the average of the county. Other things are mentioned in the cir-cular, but the above are sufficient to demonstrate the manner in which the agricultural agents take hold of things in the interest of their constituents. Those who doubt the efficiency of the county agent should keep close tab on the work of one of these agents for a short time. If it were fully understood just how the county agent works it is certain that within a short time every county in the state would make such arrangements as are necessary to avail itself of the services of a good man.

**Is Cured Sorghum Poisonous?**

One of our Dickinson County readers writes us that his kafir which still stands is sending out new shoots and some blades and he is anxious to know whether this second growth is likely to poison stock after being cut and cured. The conditions likely to develop prussic acid poisoning in the sorghums are hard to determine. The mere fact that it is the second growth is by no means to be taken as an indication that the poison will be found. This poison seems to develop more frequently in sections hav-ing adverse conditions of some kind which seriously stunt the growth of the crop. Curing sorghums containing poison is not to be depended on to eliminate the danger. Careful studies are being made at the present time by the chem-ical department of the Kansas Experi-ment Station and poison in dangerous quantities has been found in cured forage.

It is our opinion that there is little danger to be feared by our correspond-ent in Dickinson County. The conditions have been favorable for healthy normal growth and when the proper time comes for harvesting this kafir having made the second growth, it will likely be per-fectly safe to assume that it is not poisonous. Of course, samples can be analyzed or where danger is really feared the feed can be tested out on some inferior low-priced animal before exposing the whole herd to the possible danger.

**Skim Milk and Shorts for Hogs.**

Our correspondent, J. E. W., of Dick-inson County, who was warned in a re-cent issue of KANSAS FARMER that the feeding of corn alone to hogs was not profitable, writes us that he is supple-menting his corn with skimmed milk and shorts. He is now finishing a small bunch of shoats averaging about 125 pounds in weight. They were fed a small quantity of shelled corn or wheat and run on alfalfa pasture through the summer. Fourteen of these shoats and a couple of brood sows have cleaned up, since the first of September, the corn from one acre of this year's crop, which amounts to probably sixty bushels.

There is nothing better than skimmed milk to supplement corn in the feeding of hogs for market. Skimmed milk con-tains the protein of the milk and is very digestible and palatable. As a result of a great many experiments conducted by the Wisconsin Experiment Station, it appears that the use of three pounds, or about a quart and a half, of skimmed milk to one pound of corn gives the most economical combination. Fed in this way 327 pounds of the milk, or about forty gallons, saves a hundred pounds of corn meal. This would give a value of 40 cents per hundred pounds to the skimmed milk when corn is worth 84 cents per bushel. A farmer having plenty of skimmed milk available need not buy tankage to supplement his corn in feeding hogs.

Shorts is now quoted in the central markets in car lots at from \$1 to \$1.11 per hundred. This makes shorts con-siderably cheaper than corn, and when this condition exists, shorts can be profitably fed to hogs in connection with corn; in fact shorts can be 20 per cent higher in price than corn and still be profitably fed as a portion of the ration. With the present high price prevailing



**\$3,875,000  
Paid Last Month  
For Hudsons**

That is what users paid dealers last month for this new-model HUDSON Six-40: that is, they paid weekly, on the average, \$930,000. They bought the limit of our output—100 cars per day—and urged us to build cars faster.

**The World's Record  
Among Class Cars**

That is the record demand for a quality car.

**The HUDSON Six-40 now outsells any car in the world with a price above \$1,200.**

HUDSON sales today are five times larger than last year at this time. Yet the HUDSON has long been a leading car. Such an increase as that—five-fold in one year—was never before made on a well-known car.

We trebled our output in July, when this 1915 model came out. But in 30 days we had 4,000 un-filled orders. Thousands of men—with other cars

plentiful—waited weeks for this HUDSON Six-40. No other car would do.

**The Magic Model**

You should see at once the new car which has wrought this magic. It has upset all the old ideals, and changed all former standards.

It is 1,000 pounds lighter than former cars of this size, yet never was a car more sturdy. A new-type motor saves about 30 per cent on fuel.

It brings out countless new attractions in beauty, comfort and convenience. And it costs you less than a class car ever before has cost.

The cars you know will seem crude in comparison. Go see the refinements which men so welcome in this new-day type of car.

**Due to Howard E. Coffin**

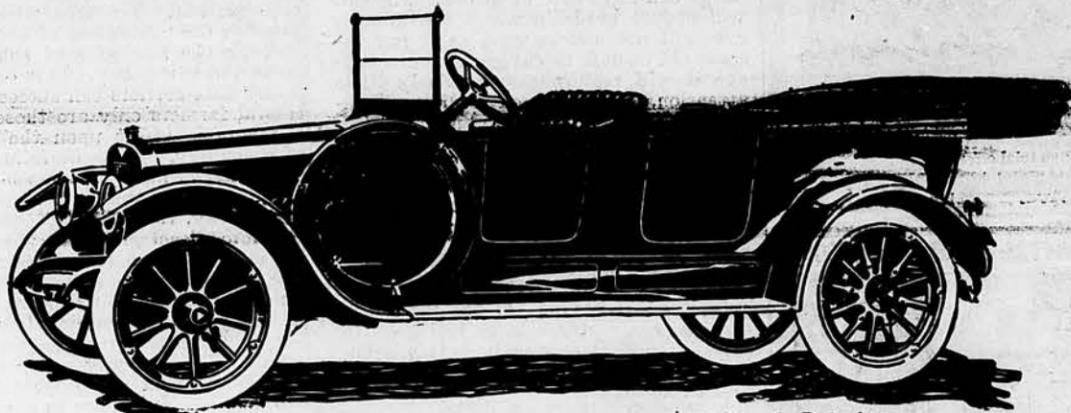
This new-model car is due to Howard E. Coffin, the famous HUDSON designer. He has always led in advances. In this HUDSON Six-40 he reaches his climax—his finished ideal of a car.

He has worked for four years to perfect it. All the 47 other HUDSON engineers have worked with him. Now every part and detail show their final touch. You will never want a finer, lighter, handsomer car than this.

Go see it. If it suits you, get your new car now. The 1915 models are out now, so you know what's coming. And this is touring time. You have leisure now, and the coming months are perfect. Don't miss them. Your dealer will get you prompt delivery, even if the car has to come by express. To make prompt deliveries we have already shipped almost 1,000 cars by express—an unprecedented thing.

**Hudson dealers are everywhere.**

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for corn and the moderate price on shorts, hog feeders generally should give careful consideration to the use of shorts in finishing hogs for market.

**Hogs and Cottonseed Meal.**

We are again asked regarding the use of cottonseed meal for hogs. Our cor-respondent, H. C. Y., of Arizona, is feed-ing about 2,000 pounds of whey, from a cheese factory, daily to his hogs, which have in addition a good alfalfa pasture. The cottonseed meal costs only \$20 per ton and it is to be regretted that this high protein feed cannot generally be fed with safety to hogs.

These hogs, running on alfalfa pasture as they are, might possibly be safely fed small quantities of the meal for short periods at a time. It would be wise to watch the hogs very closely, however, for while hogs seem to do very well for a short time on cottonseed meal, it seems to have some poisoning effect which is cumulative in its action. It is very difficult indeed to finish hogs satis-factorily without feeding some of the cereal grains.

**Pigs Not Immune.**

We have an inquiry from N. W. S., an Iowa reader of KANSAS FARMER, as to whether spring pigs from sows vac-cinated last winter are immune from cholera. This correspondent does not state whether these brood sows were vaccinated by the serum-simultaneous method, thus making them permanently immune, or by the serum-alone method. If the latter method was used, the sows

themselves are probably not immune at the present time. According to the ob-servation of our Kansas Experiment Sta-tion, the serum-alone method of vaccina-tion seems to have no noticeable effect upon the offspring. Where the sows are vaccinated during pregnancy with serum and virus, the offspring seems to pos-sess a certain degree of immunity but practically outgrow it in three or four weeks. According to a report from the Nebraska station pigs from immune sows in some instances have been observed to take cholera as early as ten days old.

As far as known now, the only sure method of immunizing the young stock is to vaccinate these pigs with serum and virus when they reach weights of from 40 to 60 pounds. Where there is immediate danger from cholera, it will be necessary to vaccinate them with serum-alone much earlier than this in order to confer a temporary immunity and thus protect them from this danger.

Vaccination methods must constantly be varied in the field, especially as to the quality of serum used and the gen-eral care and handling of the hogs. This is necessary because of the varying con-ditions existing. Poor judgment and careless methods on the part of the per-sons doing the vaccination as regards the most careful observation of the ex-isting conditions may result in heavy losses.

**Lifting Pump Head from Well.**

How many times have you found it necessary to send for the pump man to life the pump head from the well? You

know that you could have made the repair on the cylinder or could have stopped a leak in the pipe if it had been possible to have "pulled" the pump. If you will equip the farm with a hoist at an expense of not more than \$2 to \$5,



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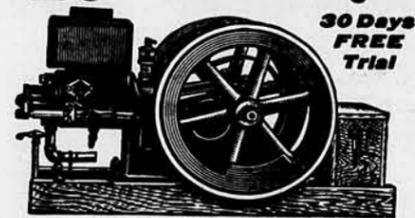
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# DAIRY



Last week in these columns under this heading we printed an article arguing for the milk cow as a home-builder for the western farmer. While the "western farmer" was frequently mentioned in the article, it is to be understood that the remarks apply with equal force to the farmer in any section of Kansas who has not yet become permanently established by a successful combination of farming operations. The farmer who is acquiring his land, who has his buildings to erect and who does not have himself firmly entrenched financially, needs a more certain plan of farming than the growing of crops for market. He needs this certainty to take care of his running expenses and prevent the incurrance of debt in case crops fail. He needs winter work, too—work at something that will enable him to convert time into cash and also a means of converting into money the unsalable roughage of the farm—a valuable by-product in good crop years and a valuable principal product when crops fail. Market crops produce roughage even though marketable grain is not produced, and it is at this point that the cow and her calf are needed to convert this into money. The milk cow will supply, through the sale of cream, the steady income so many farmers need and are seeking.

From these cows there will be one calf a year and this calf will eat the same feeds as its mother—the silage of sorghums, the best feed of the West, and grown at as low cost per ton as silage can anywhere be grown. The calf will endure hardship which the milking cow will not and so soon as it has become old enough to eat grass and roughage it will require comparatively little attention, although good feeding will increase the profit from the animal. With the money from the milk cows and with the feed which the farmer can have, stock cattle need not be of forced sale. These can be accumulated and held in reserve and sold in a bunch so that the money may be applied in a lump sum to accomplish some one big thing the farmer has in mind. The income may be applied in paying off the mortgage, perhaps, and if there is no mortgage to pay off, then there may be better buildings to be erected or possibly more land bought.

With the milk cows should be such poultry as it is possible to accumulate. This is a class of live stock which can be accumulated more rapidly than any other kind of farm stock. If the farmer is a good poultryman he can sell as many eggs per year as dollars' worth of milk. If he will give the women and children a chance they will do this. This is being done by dozens of families, yet on many western farms there are not hens in sufficient number to supply the eggs needed by the family. The hens will relish a little silage during the winter and the grain of kafir, milo, feterita, cane or millet will supply them feed in such quantities as is needed. Then there should be a few pigs. The grain sorghums will supply the pasture necessary for a litter or two of pigs and it is easily possible to produce the sorghum grain in such quantities as they need. It is certain that the western farmer can, if he will, produce the meat required by his family. This is not now generally done. It is a shame that this is so. However, it is a fact that a large percentage of Western Kansas farmers do not produce even their own meat. There is no reason why there should not be two or three or even more horse or mule colts which can be sold each year. The money from these can go with that obtained from the sale of calves and which will increase the sum which can be diverted to the big things above mentioned.

There are Western Kansas farmers who are maintaining permanent and prosperous homes as a result of farm organization after the lines above mentioned. There is no question as to the feasibility of building a home in Western Kansas, in Eastern Colorado and in Western Oklahoma, after such plan. The careful thinker will, we believe, conclude that this is the only plan. The

question at once arises, How can the start be made? There are hundreds of farms upon which there is not even one milk cow with which to make the beginning. These farms are most likely incumbered and the farmer owes bills which are pressing and upon which must be applied with every available dollar. This is a condition which more than anything else is responsible for the backwardness of the West. We have at this time no solution to offer to farmers who are in this condition. This is a condition brought about by years of continued short-sightedness. It is a condition resulting from gambling—pure, unadulterated gambling—with wheat and in which game year after year the farmer's time and labor as well as all the money he could borrow, composed the stakes. In the wheat farming game he lost most years, winning just often enough to keep him interested and inducing him to strain every point to stay with it. These are mistakes of the past which it will be difficult to rectify. However, there are thousands who have not pursued the wheat game so long as to have encumbered themselves with debt and who can embark upon a new policy. Such of those as there are should take up the work on new lines. Those who in the future settle in the western section should profit by the experience of the past and not permit themselves to follow in the footsteps of those who have gone before. The new settler should realize the adaptation of the country to the growing of feed crops and the necessity of keeping such animals as will convert these crops into a cash market. The men who are interested in the populating of these counties through the sale of land should recommend the new policy. It is only by such policy that settlers can succeed, and successful farmers only are those who have a favorable effect upon the upbuilding of a country. Years of failure and disappointment have proven the old methods as of no value. It is time to try a new way, the failure of which can be no more disastrous than the failure of the old. Western Kansas is a vast empire, as large as some states of the Union. Its possibilities have been realized only by the occasional few. These few have established the precedent of permanent and really prosperous farming. If the man who doubts these lines will make a day's drive in any county in the western half of Kansas, he will find the man who has set the pattern and to imitate whom will result in success for the follower.

### Bull Paid for Himself.

William Ljungdahl, a young farmer living near Manhattan, called at KANSAS FARMER office this week and in the course of his conversation related an instance connected with the purchase of his first Poll Angus bull from the Agricultural College. Mr. Ljungdahl paid \$90 for this bull in 1907 and after using him in his own herd for five years, sold him to a neighbor who became interested in the Angus cattle as a means of improving the common stock. The neighbor paid \$150 for the bull.

The most interesting part of the story is the great improvement this bull made in the cattle produced by this neighbor purchasing the bull from Mr. Ljungdahl. This man recently sold eleven head of steers on the market, sired by this bull. He sold other steers at the same time, showing about the same weights, but the steers sired by this high-class Angus bull brought \$1.10 per hundred more on the market than the other steers. These eleven steers weighed 6,600 pounds. The increased value at \$1.10 per hundred on the eleven head therefore amounted to \$72.60. The bull himself was sold on the market at the same time for beef, bringing \$81.

The increased value of the steers added to this beef price received for the bull amounts to \$153.60. We have from time to time made the statement that a high-class bull would pay for himself in the increased value of the first ten calves sired. This bull did even better than that.

As a result of the good work done in this neighborhood by this progressive young farmer, who has spent some time studying at the Agricultural College, has been the starting of five of his



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neighbors with the Angus breed of cattle using pure-bred sires and gradually introducing a few pure-bred females into the herds.  
If every producer of cattle in the country could be led to follow the practices being introduced into this neighborhood, thousands of dollars in value would be added each year to the cattle produced in our state.

### Western Kansas Pasturage Charges.

A Western Kansas subscriber asks what charges he should make per head or per acre for pasturage for cattle and horses.

Not being familiar with the pasturage charges prevailing in the western third of Kansas, the buffalo or shortgrass section, KANSAS FARMER editor referred the inquiry to several parties who are either leasing land for grazing purposes or who are hiring pasturage in that section for live stock. The average charges range around 40 cents per head per month for cattle and 50 cents for horses. In the average season it will require eight to ten acres of grass for each animal. This acreage will result in no damage to the grass from severe pasturing. Our informants believe that in the most favorable seasons five or six acres per head are sufficient but entirely too low for the average season. Pasturage rentals in towns range from 70 to 80 cents per head per month. The above figures agree with those of W. A. Boys, district agricultural agent along the line of the Union Pacific from Hays west, and who has inquired into pasturage charges from one end of his district to the other.

A Wallace County land owner who leases pasture land to stockmen gets \$8 to \$12 a quarter for unfenced land. He states that he has pastured cattle during the grazing season at 35 cents per head per month and figures on about ten acres to the head.

### Co-Operative Breeding Methods.

From time to time KANSAS FARMER has urged the great need of using more pure-bred sires and has advocated the introduction of co-operative methods where good pure-bred animals cannot be owned individually. It may be of some value to our readers to know something of the effective work being done along this line by the United Stock Breeders' Association of Esmond, North Dakota. This association has for its purpose the improving of live stock in Benson County. Already nineteen pure-bred bulls have been brought into the county.

The plan is to have eight farmers living near together form a local group. Each one pays \$20 to the parent association. The local group is then furnished by the association with the kind of pure-bred bull it wants. One of the members of the group is paid \$30 a year for keeping the bull. A service fee of one dollar is charged members and non-members are charged three dollars. This provides for the running expenses. When the bull has been used two or three years he is exchanged for another. In this way inbreeding is prevented. The local club must keep on using the same breed, as the association does not believe in the mixture of breeds. Considerable improvement has already been made in the live stock of these localities.

It is the aim of the association to have four local clubs in each township of the county.

This method of organization is securing results. It will not be long before the cattle of Benson County will be well graded up and will have the appearance of pure-breeds as well as their good qualities in production.

### Watering Roughage for Silage.

While most of the silage to be put up in Kansas this season is already stored, the amount of water to be used with dry forage presents at all times an interesting and important subject. Be it understood that it is impossible to state just how much water, in gallons, should be used per ton of forage. H. L. Popenoe, agricultural agent, Lyon County, writes that the amount of water to be used depends upon the condition of the forage, and a good rule to follow is to add water only when the silage fails to pack well and then only enough to accomplish thorough packing. Water in excess sours the silage. Owing to the large amount of sap in kafir and cane, it needs no water.

In the same bulletin Mr. Popenoe writes that the only way to correct unevenness in the growth and ripening of kafir is to select early maturing heads in the field and gather these from stalks of even height. "This selection," he says, "should be practiced by everyone, especially those growing kafir from African seed."



# Studebaker

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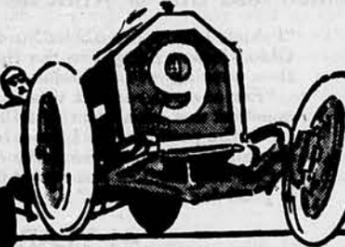
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## CAMPAIGN and ELECTION and WAR NEWS

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### THE TOPEKA DAILY STATE JOURNAL

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The Legislature convenes in Topeka this winter and the State Journal, being the official state paper, will give you all the new laws.

Poland China breeders or farmers wanting fall bears with size and high quality should get in touch with James Arkell of Junction City, Kansas. He is offering some good ones sired by Pan Look and First Quality out of Expansion and Grand Look sows. He also has a number of choice spring bears for sale.

Attention is called to the card of C. E.

Bean, of Garnett, Kan. He is offering a number of Holstein cows and a number of young bulls from one to five months old that are high class. His offering of big-type Polands will suit breeders wanting first class stock. He also offers Percheron stallion colts, standard-bred horses and three extra good young jacks. Write for prices and descriptions. Please mention Kansas Farmer.

# LIVE STOCK



**New Percheron Stud Book.**  
The sixteenth volume of the Percheron Stud Book of America is now ready for distribution. It is available to members of the Percheron Society at the price of \$3; non-members are charged \$5. Wayne Dinamore, Secretary, Union Stock Yards, Chicago, should be addressed for copies of this volume.

The affairs of the Percheron Society are in most excellent condition. For the first time in its history the stud books are now published up to date. The present volume brings all pedigrees down to September 12, 1913. The next volume is already partially prepared and will be available early in the winter.

The secretary calls attention to the fact that there has been during the past season increased appreciations of good American-bred Percherons. The shows of last season brought out a splendid line of American-bred contestants. These numerous exhibits served to show to the breeders that it was possible to secure as much growth and all around development on American-bred colts as on the imported ones. This interest in American-bred stock will undoubtedly increase during the coming year.

The war raging in Europe has practically prohibited any importations being made from France this year; in fact it is likely that breeding herds in France will be greatly reduced owing to demands for horses for war purposes. The future for good draft horses in this country is exceedingly bright. Those interested in draft horses should by all means attend the big fairs and shows and study carefully the best types on exhibition.

#### Kansas Hog Cholera Campaign.

Hog cholera has been a serious menace to the hog business in Kansas for years. The annual loss to Kansas farmers from this disease has probably averaged at least \$500,000 a year for ten years, and some years the loss has exceeded this. It seems strange that we have been so long in finding ways of preventing this gigantic loss.

The Kansas Agricultural College has been carrying on a vigorous campaign for the study of hog cholera for many years and the veterinary department has manufactured more serum for vaccination than has been manufactured by any other agricultural college in the United States. Now the college, with the cooperation of the U. S. Department of Agriculture, is inaugurating a great educational campaign. A trained veterinarian has been sent to the college to work with the extension division in its educational campaign to promote the general subjects of "Care, Sanitation, Management, and Preventive Measures." This man will carry on vigorous county campaigns, first in the counties where there are county demonstration agents and then in any other counties where a group of farmers will organize to co-operate. This man will be on the regular institute force during the whole winter and institute officers who are especially anxious for this subject to be discussed should write at once to Supt. E. C. Johnson, who will have entire charge of all schedules and appointments for this government veterinarian.

The veterinary department, under Doctor Schoenleber, also has a trained veterinarian, Doctor Hobbs, whose whole time is devoted to this educational work in the field. These two men will probably get into every county of the state where there is any hog cholera during the coming year. Farmers interested in having these campaigns for the eradication of hog cholera should write at once to Supt. E. C. Johnson. This promises to be the biggest campaign for the elimination of hog cholera that this or any other state has ever made, but to be successful it must have the co-operation of thousands of thoughtful farmers.

#### Why Not Feed Some Lambs?

This is the time of the year when sheep feeders are studying most closely the prospects for a profitable season in this line of business. Far too little use has been made of sheep in connection with farming in Kansas. Every fall through the eastern section of our state vast quantities of green feed goes to

waste each year which could easily be marketed at a profit by the use of a few sheep.

The reason sheep feeding has received the black eye in some communities is because those who have engaged in it have been "plungers" attempting to feed on a large scale. This kind of sheep feeding is considerable of a gamble and large amounts have been lost by feeders who have plunged into the game in this way. There are many sheep feeders in Missouri who make a practice of feeding out a carload or two every season and very seldom do these small feeders fail to make a good profit.

The ranges of the West undoubtedly have a splendid lamb crop this year in spite of the fact that the breeding flocks are the smallest they have been in seven years. It is expected that most of the ewe lambs will be held back to replenish the breeding flocks. This may tend to hold up the price of feeding sheep, but with the worldwide shortage of meat, the finished product is almost certain to bring correspondingly high prices.

The most profitable method of handling a small bunch of feeding sheep is to secure them early and use them in the pasturing down of "catch crops" sown in corn, or simply to eat the grass, weeds, or the green leaves of the corn. The fifty-pound lambs are best adapted to this class of feeding and those coming from Wyoming or Idaho usually fill the requirements. They should be in reasonably good condition, since the feeding period will not exceed sixty to ninety days, and the lamb should go on the market in a fairly finished condition.

The carlot feeder of sheep must of necessity go to the central markets for his feeders. The inexperienced man had better turn over their selection to a thoroughly reliable commission firm. By giving the commission man a fairly good idea of what he wants and allowing him some latitude in the selection and exact time of delivery, he is far more likely to get started right than if he should attempt to buy these feeding sheep on his own judgment.

When the lambs are received at the farm they will be extremely hungry and must under no circumstances be turned out at once into the corn fields. Such would result in heavy losses from bloating. They should be placed in small lots or pasture, with an abundant supply of pure water. The feed available should be limited, but the second day they can be turned into the fields, but must be watched carefully and kept together, so that at the end of two or three hours they can be driven out. By gradually increasing the time they are left in the field from day to day, they may, by the end of the first week, be left out all day. This careful management in the beginning is very important. Corn fields in which cowpeas or rape have been sown are especially suitable to this method of handling a small bunch of feeding lambs. It is always desirable if possible to have a pasture convenient in which the lambs can run at will.

Where cowpeas are available they should be pastured first, since they will be frozen down by the first frost of the season. Lambs will seldom eat the corn unless they are kept in a field until the green undergrowth gets scarce. It is oftentimes possible to run a bunch of lambs back to the Kansas City market at the end of sixty days, carrying gains of twenty to twenty-five pounds, all made from the green growth in the corn field.

D. H. Doane, professor of farm management of the University of Missouri, considers this method of feeding sheep the most profitable that he has ever studied. Many farmers in Kansas could convert into cash much waste material through handling sheep in this way and at the same time clean up the farm and increase its fertility and producing power. Professor Doane has written a book entitled "Sheep Feeding and Farm Management," which should be in the hands of every farmer interested in the lamb feeding business. It is published by Ginn & Company, New York, and sells at one dollar. It is not a theoretical book, but is the result of the closest study of the best practices in this line which have been successfully followed for years by sheep feeders of Missouri.

ADVERTISEMENT.

# A RECORD OF PERFORMANCE

## Republican Criticism of Governor Hodges Shown to be Groundless--His Administration Appeals to Women

[BY S. T. SEATON, TOPEKA, KANSAS.]

At the close of the session of the Democratic Legislature of 1913, Jas. E. Larimer and Wm. R. Faulkner, secretaries of the Senate and House Ways and Means Committees respectively, certified to Governor Hodges that the total appropriations made by that legislature were \$460,251.16 in excess of the appropriations made by the Republican Legislature of 1911. They also certified that the money appropriated for educational purposes by the Legislature of 1913 was \$631,021.29 in excess of what had been appropriated by the Republican Legislature of 1911 for the same purpose.

They further certified that the net decrease in the appropriations of the Legislature of 1913 for all other purposes was \$170,770.13.

During the fiscal year beginning July 1, 1913, and ending June 30, 1914, there was spent by all departments of the state, for all purposes, the sum of \$4,903,886.04, which is \$450,216.58 in excess of the money spent by the Stubbs administration during the fiscal year 1912.

This admitted excess in the matter of appropriations by the Legislature of 1913 and this admitted excess of expenditure during the fiscal year 1914, form the basis of the entire Republican campaign against Governor Hodges!

Question.—Why was it necessary for the Democratic Legislature of 1913 to appropriate more money than did the Republican Legislature of 1911?

Answer.—Because the Republican Legislatures of 1909 and 1911 provided for the construction of Memorial Building and two new State Hospitals—the construction of which were purposely delayed because the Stubbs administration needed all available money to keep from marking state warrants “Not paid for want of funds.” The Memorial Building was partly completed, but nothing had been done on the two hospitals, so the Legislature of 1913 was compelled to appropriate \$325,000.00 to complete these buildings. It was also necessary to appropriate the money to take care of \$115,000.00 of deficits levied by the Stubbs administration.

The Stubbs administration had also been so extravagant in other departments that it had neglected to properly take care of the big educational institutions of the state to such a degree that the most valuable men connected with these institutions were rapidly leaving and going to other states which pay for talent according to what it is worth.

To stop this, and to provide for the state publication of school books, made necessary larger educational appropriations.

It is now admitted also by Republican State Chairman Gafford, over his own signature, that in December, 1912, the Stubbs administration was compelled to overdraw its revenues to the extent of \$307,000.00 and that within five days after Governor Hodges was inaugurated, and before he had made any expense at all, the State Treasurer drew on the County Treasurers for \$494,000.00 more; and he also admits that a part of this \$494,000.00 was used to pay the debts of the Stubbs administration, without undertaking to say how much, although Auditor Davis and Treasurer Akers have the books and could easily give us the figures.

During the four years of the Stubbs administration state expenditures were increased to almost \$2,000,000.00 per annum and the state tax levy jumped from nine-tenths of a mill to one and two-tenths mills—or thirty-three and one-third per cent.

Question.—Has Governor Hodges raised the state tax levy?

Answer.—No. It remains at one and two-tenths mills, although he tried to induce the Republican State Tax Commission to reduce the levy this year.

Question.—Is it charged against Governor Hodges that any of the state's money has been wasted, spent for unnecessary purposes, or that there has been any graft?

Answer.—No. Republican State Auditor Davis scrutinizes all bills and must approve them before they are allowed, and he has approved all bills and drawn warrants for every cent of money that has been paid out of the state treasury.

Question.—What items make up the total excess money spent during the fiscal year 1914 more than was spent during the fiscal year 1912?

Answer.—\$313,218.77 increase for educational purposes, which includes the state publication of school books; \$279,325.72 for the completion of Memorial Hall and the building of the new hospitals; \$43,194.79 increased expenditures in departments under Republican control.

This makes a total of \$635,739.28, or \$185,522.70 more than the total excess expenditure for that year, which of course means that expenditures in all the other departments of state were just \$185,522.70 less than they were in 1912.

Question.—Does Republican State Chairman Gafford criticize these expenditures for educational purposes?

Answer.—No. He says they were entirely proper and should have been made.

Question.—Does Republican State Chairman Gafford criticize Governor Hodges because he spent \$279,325.72 to complete Memorial Hall and building the two new State Hospitals?

Answer.—No. That was all right, too.

Question.—Does he criticize the departments under Republican control for increasing their expenditures by \$43,194.79, while departments under Democratic control decreased their expenses \$33,725.11?

Answer.—No. When Republicans increase expenses

—it is all right. When Democrats increase them—it is all wrong.

Question.—Why does not Republican State Chairman Gafford SPECIFICALLY attack Governor Hodges for the excess educational expenditures above referred to?

Answer.—Because he knows that the people of Kansas would quickly resent it as an attack upon their educational institutions; and because the Republican state platform of 1912 pledged that party to the policy of state publication of school books.

Mr. Gafford's GENERAL criticism of Governor Hodges, however, is nothing more or less than an attack upon the educational appropriations and expenditures of the present Democratic administration, because the excess of both appropriations and expenditures consists almost wholly of these educational items.

Question.—Will the state publication of school books by the Hodges administration save the people money?

Answer.—Yes. It is estimated that it will save the people of the state at least a quarter of a million dollars a year. The new Kansas history is out and is being sold at 25 cents, or 41 cents less than the retail price at which the history used last year was sold. The new primer is now being delivered at 14 cents, and it is easily worth twice that price. The new seventh and eighth grade classics will soon be ready at 20 cents a copy, and it is equal to any 50-cent classic on the market. The new agricultural texts will be sold at 48 cents per copy less than the people have been paying; and so on down the list as the new books are printed and distributed.

Question.—What has become of the fight on the State Board of Educational Administration?

Answer.—It has collapsed, because the Board has “made good,” and the educational institutions of the state have been unified into one harmonious whole, instead of being under separate managements, jangling with each other.

Question.—What has been Governor Hodges' attitude towards state institutions in general?

Answer.—He is the only Governor who has ever visited each of the twenty-two state institutions during his administration. Governor Hodges has visited all of them once; most of them twice; some of them three times; and some a half dozen times, in order to acquaint himself with their actual needs and conditions; and he has personally seen to it that these institutions have been put in better condition than they have ever been before.

Question.—Why should Governor Hodges be re-elected?

Answer.—Because he is a business man and has given the people of Kansas a business administration. His eight years in the Senate and his two years as Governor have given him an acquaintance with public affairs that no other candidate for Governor possesses.

Question.—What has Governor Hodges done for the women of the state?

Answer.—Governor Hodges has recognized women as entitled to a part in the state government by giving them places at the heads of many state institutions and on the more important state boards and by placing women physicians in the State Hospitals.

Question.—What experience in public affairs has Arthur Capper had which would tend to fit him for the office of Governor?

Answer.—Absolutely none. He is a mere theorist and if his “guaranteed” brand of state government is no better than his “guaranteed” advertising, it is surely poor stuff.

Question.—Does not Mr. Capper “guarantee” the reliability of his advertisers and the truthfulness of the advertisements contained in his various publications?

Answer.—He does. He guaranteed the advertisement of the Independent Harvester Company, and editorially endorsed its stock as a good investment. On the strength of these advertisements, hundreds of Kansas farmers bought and now hold worthless stock of this company. We have not heard that Mr. Capper has ever made good these losses.

On February 8, 1914, Mr. Capper carried a full page advertisement in his Topeka Capital for that “wonderful Chinese Herbalist,” Dr. Lee K. Chin, who recently plead guilty in a federal court in California to violating the federal postal laws. Dr. Chin's arrest was brought about by his advertisement in Mr. Capper's paper.

Mr. Capper carried “guaranteed” advertising for Marjorie Hamilton of Denver until she was indicted by a federal grand jury for using the mails to defraud.

Mr. Capper carried “guaranteed” advertising of Dr. Samuels, of Wichita, who is being tried this week at Leavenworth for using the mails to defraud.

Mr. Capper also carried the “guaranteed” advertising of the Railway Unimproved Land Co., whose promoters are now under indictment in Chicago.

Question.—Has not Mr. Capper declared that all fake medicine advertisements, liquor advertisements and cigarette advertisements are and have been excluded from the Capper publications for years?

Answer.—Yes, he so declared in a signed article in the Topeka Capital on Sunday, February 8th, 1914.

Question.—Was that statement true?

Answer.—It was not. In the very issue of the Capital in which he made the statement there was an advertisement offering for sale a “concentrated extract for making whiskies, liquors, and cordials at home,” and not long ago Mr. Capper's “Mail and Breeze” contained a large advertisement of the famous cigarette tobacco, known as “Bull Durham.” This advertisement

contained a picture of the hands of a young man in the act of making a cigarette, and advertised the fact that enough Bull Durham is sold in the United States to make 22,000 cigarettes every minute. And his publications continue to contain such stuff in almost every issue.

The fact is that Mr. Capper does not match profession with practice in these matters.

Question.—Did Mr. Capper declare that the Republican leaders two years ago were “crooked as a barrel of snakes”?

Answer.—He did.

Question.—Why does Mr. Capper consort with them now?

Answer.—He wants their votes.

Question.—Did he join the Bull Moose party at Independence, Kansas, in December, 1912?

Answer.—He did.

Question.—Did he quit the Bull Moose party later and assert that he had never joined them?

Answer.—He did.

Question.—Did they prove that he made the Independence speech just as printed in the Kansas City Star and the Topeka State Journal?

Answer.—They did, and put Mr. Capper in the attitude of having, at least, a bad memory.

Question.—Do you want a Governor who is everything by turns and nothing long?

Answer.—That is up to you!

### A WOMAN'S VIEW.

There being no presidential election this year, our interest centers on vital issues of the state campaign, the state candidates and the measures for which they stand. Mr. Hodges, Mr. Allen, Mr. Capper and Mr. Mitchell are nominated by their respective parties for the highest office in the state, the Governorship. The three latter have already stated their views and presented their claims through the various publications which they own or control; Mr. Hodges is very busy doing the work which he was elected to do, and so he makes his appeal to you, not in many words, but in splendid deeds.

One aspirant for your favor writes: “I have all my life, in public and private, advocated what we call for want of a better term, “Equal Rights for Women.” It is a strong statement and looks well on paper, but how much stronger the argument of Governor Hodges when he actually appointed 21 women to fill responsible positions in the state since he became Governor. If the Republican party is so interested in woman's cause now, why were not some of our number appointed to these positions long ago? Governors Stanley, Hoch and Stubbs had the same appointive power that is vested in Governor Hodges, but precious few women received positions during their terms.

Of course, Mr. Capper comes forward now with the statement that he favors a law providing that women shall be appointed upon certain boards and as heads of certain institutions; but our present executive did not wait for a law compelling him to give this honor to women. His inherent sense of justice and keen insight into human nature prompted him to make these selections voluntarily; women doctors in the insane asylums, parole officers, factory inspectors, a woman dean at the University of Lawrence, woman superintendent of the School for the Deaf, woman superintendent of School for the Blind (the only two institutions of like character in the United States managed by women), a woman superintendent of the Orphan's Asylum, Mrs. Lewis on the State Educational Administrative Board, the only woman doctor upon a board of health in the United States, women on the Text Book Commission and upon various other boards, such as the Board of Education, Osteopathy and Nurses.

Does not all this prove that the Governor of Kansas appreciates what women can do for the welfare of humanity? It now becomes her duty to mother the state as well as that small fraction thereof called the family. Her highest mission as promoter of good health and protector of good morals in the home is not in the slightest degree taken away from her; it is only broadened until it includes that “unfortunate fifth” of humanity that is without a home.

Have you been reading about the mothers' pension or mothers' compensation law which is in force, in one form or another, in 17 states? Its purpose is to assist impoverished mothers in caring for their children at home instead of sending the boys and girls to charitable institutions, as has been the practice in the past. It is a splendid innovation and our good Governor, who has introduced so many economical and humane measures, is making an effort to have this one also made a part of our Kansas law.

During the last few weeks I have asked a great many women this question, “Why are you going to vote for Hodges for Governor?” The following is a summary of answers received:

The Business Woman said: The present administration has eliminated graft and cut down the expenses of government until it has been possible to meet unusual demands on the treasury, such as Panama Exposition fund, school text book appropriations and cost of completing the Soldiers' Memorial Building—all these and others equally imperative; yet the tax levy is no higher than previous years.

The Home Mother said: Because the Governor has worked faithfully and conscientiously to enforce the prohibitory law; because his personal appeal to school children has proved a wise factor in fire prevention; because he has set the example of honesty and energy to the young people of Kansas.

The Teacher said: Because the state schools are now working together harmoniously and prosperously; Mr. Hodges' appointees have improved the work and cut down expenses. The rural and grade schools, too, have responded to the inspiration of a new ideal; never before has education made such rapid advancement.

The Social Worker said: Because the blind, the deaf, the dumb and the homeless plead for a continuation of their present felicitous conditions. They are now under the care of women who understand the demands of childhood, women of broad sympathies and strong executive ability. The reform schools are now reformed, and the penitentiary is in truth a place for the penitent. And further, because a white slave law has been placed upon the statute books, and is being vigorously enforced, which drives from the state the human vultures, both male and female, who prey upon innocence and virtue.

The Woman Writer said: I am going to vote for Hodges because he appreciates the feminine intellect too much to send out sentimental slush as is being circulated as campaign literature. Read that leaflet on my desk. Isn't it an insult to a woman's brain capacity? Does anyone suppose I am going to cast my ballot for a man simply because he is rich and handsome and drives a high-priced touring car?

No, indeed; my influence goes to the candidate who appeals to our reasoning capacity and good sense. And that candidate is Governor Hodges.

EMMA CLARE CARR.



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# HOME CIRCLE



How do you spend the winter evenings—the brief time after the supper work is finished and before the time for retiring comes? This should be made an hour of pleasure for all members of the family. The reading aloud of an interesting book, each member taking his turn, a review of the day's happenings at school or on the farm, games, music, candy-making or the popping of corn, will make the time pass quickly and pleasantly. It will result in the old and young becoming more "chummy" and through life the young folks will carry the memories of happy hours spent around the hearth when mother and father joined them.

herb farms. Among the herbs chiefly grown are rue, wormwood, comfrey, horehound, peppermint, rosemary and lavender. The English oils of lavender and peppermint are particularly famous, bringing from two to five times as much as the same oils produced in other countries. Of late years the street sale of little bunches of fresh lavender, especially in London, has consumed a considerable part of the large annual supply.—London Opinion.

#### Bathing in Lapland.

The Lapp equivalent to a Turkish bath is a novel and rather pleasant experience. You get into a low, rudely erected tent, open at the top. Inside the tent are half a dozen big stones raised about two feet from the ground under which a fire is lighted. When the stones have become sufficiently heated, cold water is poured over them—just before you enter

#### Herb Growing in England.

The production of medicinal herbs is a very considerable industry in England. Throughout Surrey, Suffolk, Hertfordshire and Norfolk there are many large

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No. 6860—Ladies' Dress: This dainty frock has a short tuck at each shoulder in front and a side front closing to the blouse, with round neck and small fancy collar. Straight small sleeves may be long or short and have a normal armhole. The three-gore skirt is gathered across the back and is plain in front and at the sides. The pattern, No. 6860, is cut in sizes 34 to 46 inches bust measure. Medium size requires 4 1/4 yards of 44-inch material, with 1/2 yard of 27-inch contrasting goods to trim as shown. No. 6847—Ladies' Waist: Linen or madras can be used to make this waist, with the vest and collar of contrasting material. The waist is made with the vest and collar in one piece and can have either the long or short sleeves. The pattern, No. 6847, is cut in sizes 34 to 44 inches bust measure. Medium size requires 2 yards of 36-inch material and 1/4 yard of 27-inch contrasting goods. No. 6825—Ladies' Dress: Simple enough for home wear and dressy enough for the street, this dress has a plain blouse with drop shoulder, long plain sleeve with band cuff, side front closing and slightly open neck. The three-gore skirt is gathered in the back and closes at the side of the front. It may have the high or regulation waistline. The pattern, No. 6825, is cut in sizes 34 to 44 inches bust measure. Medium size requires 3 3/4 yards of 44-inch material. No. 6861—Girl's Dress: A neat frock for school or home wear, with long-waisted blouse and drop shoulder, side front closing and a puff sleeve with a deep cuff. The neck is slightly open, trimmed with a sailor collar and provided with a detachable shield with straight collar. The skirt has three gores and closes at the left side of the front. The pattern, No. 6861, is cut in sizes 6 to 14 years. Medium size requires 1 1/2 yards of 44-inch material, with 1/2 yard of 27-inch silk for collar and sash. No. 6833—Ladies' Apron: This is a real work apron, made with a bib, with tabs extending almost to the shoulder, where straps from the back join them. The skirt section has a front panel and two side-pieces which cover the skirt nicely. There is a belt which ties around the waist. The pattern, No. 6833, is cut in one size. To make it requires 2 1/2 yards of 36-inch material. No. 6862—Child's Dress: This simple frock is cut on saque lines, with as desired. There is a double-breasted closing at one side in front, round neck with flat collar and full length sleeves with cuffs. The pattern, No. 6862, is cut in sizes 2, 4 and 6 years. Medium size requires 2 1/4 yards of 36-inch material, with 1/2 yard of 27-inch contrasting goods to trim as shown.

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## This Girl Could Not Walk or Stand

—at the age of four

Pink Vosburg, daughter of Mrs. Sula Vosburg, Bedford, Ia. Mrs. Vosburg brought her daughter to this Sanitarium January, 1911, for treatment of Infantile Paralysis. The child could neither walk nor stand alone, but could only crawl on her hands and knees. She was here eight months; now walks, goes to school and gets about splendidly. Mrs. Vosburg will affirm the above. This is not a selected case, nor are the results unusual.

### The L. C. McLain Orthopedic Sanitarium

is a thoroughly equipped private sanitarium devoted exclusively to the treatment of crippled and deformed conditions, such as Club Feet, Infantile Paralysis, Hip Disease, Spinal Diseases and Deformities, Wry Neck, Bow Legs, Knock Knees. Let us advise you regarding any crippled, paralyzed or deformed child or person in whom you may be interested. It will cost you nothing, and in view of over 30 years' experience in this work, our advice should be valuable. Our Pamphlets and Book of References will be sent postpaid and free of all charge, on request. The McLain Orthopedic Sanitarium 989 Aubert Avenue, St. Louis, Mo.



the tent—and the tent is thus filled with an intensely hot vapor. You stay in the tent about five minutes, during which time you are whipped with light twigs by a couple of Lapps; then you come out and roll in the snow, after which you dress as quickly as possible.—Exchange.

**How to Dry Wet Shoes.**

Many good shoes are ruined by attempting to dry them too quickly. Instead of putting them near a hot fire, place them where it is only moderately warm, after first stuffing them with newspaper.

The newspapers will not only help to hold them in shape, but will absorb the moisture on the inside, which is the most difficult and the slowest part of the shoes to dry, and the gentle heat dries them on the outside without drying or cracking the leather.

**About Ladies' Apparel.**

It would seem that bloomers have really become a standard article of wearing apparel for women, so generally have they been adopted. With the narrow skirts petticoats were much in the way, and the long bloomers made in very soft materials, such as crepe de chine, messaline, or liberty satin, have become decidedly popular.

Some come only to the knees, and some are held in at the knees and have a deep accordion plaited flounce attached which extends to the ankles, and still others are made long with a narrow plaited ruffle about the ankles. White or delicately tinted ones are desirable for evening wear or to wear with light colored dresses, while darker ones of a color that harmonizes with one's suit are more desirable as well as more practicable for street wear.

When these bloomers were first introduced they were hard to obtain, as the merchants were a little uncertain as to their popularity and didn't wish to have a quantity left on their hands. Now, however, they are easily obtained at the stores, as their use seems to be well established. If one is unable to get them in the desired color, it is an easy matter to make them at home, as patterns for them can easily be secured.

**Refining the Pig.**

A Harvard professor has made the discovery that a pig is naturally a gentleman.

We are loath to say it, but we must differ with the professor. We have met many pigs in our time, but none of them stands out in our mind as having that indescribable something that marks a gentleman. A pig does not know how to treat callers. We can never spend a few minutes in the society of pigs without their coming up and rubbing their noses on our trousers. Even after a hasty call we are soiled to the knee. A pig has a way of complaining about any delay in the service of its meal that grates on our sensitive ear. When a person appears near its pen with provender, its set up a loud uncultured clamor without thinking that there may be company present. All gestures on our part are of no avail. It cares nothing for the family sign. To our humble way of thinking a pig can never be a gentleman as long as it insists on dining with its feet in the trough. To us its table manners are inexcusable. Even when a pig has on its company manners, there is always a wish down deep in our heart that it would strive just a bit harder for culture and refinement. We wish that we could blind our eyes to a pig's shortcomings, and join the professor in recommending the pig as a gentleman, but we must be honest by saying that in many respects a pig falls short of some of our cherished ideals.—Homer Croy, in Collier's Weekly.

**Eggs as Health Remedies.**

A concentrated albuminous water made from six eggs and a quart of water is a remedy in some cases of poisoning.

The white of egg is used externally as a soothing medium for burns, either alone or whipped with oil. When whipped with alcohol it is used as a dressing for bed sores.

In cases of fracture, the white of egg is used for soaking the bandages, thus binding them together and promoting knitting of the fracture. The white is also largely used in clarifying liquids, and in the preparation of household cements.

The yolk of egg is used in some cases of cancer and dysentery, in poultices and various salves. Oil is extracted from the yolk, and is used a good deal in cold countries for chapped hands, for burns, and to prevent pox-marks.

There are many uses to which eggs are put besides being eaten. In many

factories they are largely used, as well as in medicine for external and internal purposes. Medicinally, they are seldom used in cases of fever, on account of their high nutritive value, but they are often prescribed in digestive disorders, because they pass through without tiring the organs, and furnish a restoring food.

According to some physicians there is not a more delicate, more stimulating or more easily digested food; and they are much used during convalescence, forming the transition from the broth diet to the more substantial fare. In cases of diarrhoea or dysentery, when most drinks increase the disease, whipped white of egg, mixed with water and a little sugar, is excellent to slake the thirst of the patient.

**Food Combinations.**

Dr. Susanna Dodd gives the following rules for food combinations:

1. Fruit and vegetables should not as a rule be eaten together.
2. Vegetables are best eaten at noon. Tomatoes do well with vegetables, grains or meats, but not as a rule with fruits.
3. The potato is an exception, as it rarely quarrels with anything.
4. Supper is best made of bread and fruit only.
5. Fruit and cereals are adapted to the morning and evening meal and little other food is required.
6. People with weak stomachs digest fruit better at the beginning of a meal.
7. Meats should preferably be eaten

at noon and in cold weather rather than warm.

8. The grains digest well with all other foods, though some cannot take them in the form of mush.

9. Those who digest vegetables with difficulty should take but one kind at a meal.

10. In selecting vegetables for a meal, do not have them all watery, as cabbage and turnips, or all dry, as peas and beans.

11. If you have thin soup, follow with hearty vegetables. If, however, you have bean or pea soup, the vegetables should be of the lighter kinds.

12. On very cold days have a warm dinner of good nutritious articles. Select mainly solid foods with grains rather than thin soups and watery vegetables.

13. On a warm day make the breakfast largely of fruits with a moderate supply of cereals; the dinner of young vegetables or fruits, a dish of grains, and a little bread.

14. In very cold weather take the chill off your stewed fruits, pies, or other dishes before serving them. Pastries and puddings are better at the mid-day meal.

15. Never have too great a variety at and one meal.

**Is Your Teacher Qualified?**

Is your teacher qualified for the position of trust which she holds? In the above we do not refer to her teacher's certificate. Is she acquainted with and interested in those things which round out and develop the life of the boy or

girl? The following questions are timely when an effort is being made to raise the standard of the rural school.

1. Has she ever lived in the country?
2. Has she gone to the country school?
3. Does she like country life?
4. Is she genuinely interested in boys and girls?
5. Does she usually stay in the country Saturdays and Sundays?
6. Does she feel the responsibility of her position?
7. In her arithmetic classes, does she make use of the problems of the country?
8. Does she in reading and grammar bring to the children from the riches of the literature of the out-of-doors?
9. Does she know the elementary facts of agriculture and home economics, and does she want to know more?
10. Does she realize that the country school offers great opportunities for the right teacher? And would she like to lead her boys and girls into the land of promise?

If you can say "yes" in answer to all of these questions concerning your teacher, I say God bless her. Raise her salary, and keep her another year. Don't let the city get her.

If you cannot answer in the affirmative, it may be that a part of the blame is yours. Have the school patrons of your district made a study of the qualifications essential in training the young mind and life and have they insisted upon these requirements in the applicant?



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# POULTRY



What's the matter with the turkey raisers? There was not a single turkey shown at the Topeka State Fair. Were the breeders afraid to show their turkeys, or are there no turkeys in this vicinity?

These cool days and nights admonish the poultryman that severe weather is not far in the distance, and that he must be thinking about his poultry houses and see that they are in good condition to house his fowls when the storms come.

Don't forget to lay up a stock of green food for your fowls during the coming winter. Cabbage, beets, mangels, small potatoes, all are good, so also is alfalfa or clover, especially the leaves. These, when scalded, with an addition of corn chop, make an ideal winter feed for the fowls.

The egg-eating habit is a bad one, and not easily cured. The probabilities are that it is first caused by a broken egg in the nest, or a soft-shelled one found under the roost in the morning. After once getting a taste of their own product, the hens want more, and will try and break every egg they can find. When one discovers that the hens are eating the eggs, strenuous measures should be taken at once. Scatter china eggs on the floor in order to let them see that all eggs cannot be broken. You will find that they will pick at these for a time and then desist. Feed plenty of raw meat for a time, and keep them busy working for all food they get. If you find her persistently breaking eggs, you had better have her for dinner. Watch the hens closely till the trouble ceases.

It is an anomaly of human nature that a man is rarely contented with that which he has, and is always looking for something else. This was exemplified during the recent Topeka fair. Several persons came to us and asked if there were not certain varieties on hand, namely Lakenvelders, Anconas, Buttercups, Buckeyes—all comparatively new breeds in this country. They doubtless had read of the wonderful laying qualities of these breeds and wanted to see what they looked like. But we doubt if any of them are any better than the old standard breeds we have; in fact there were two or three breeders at the fair who had taken up a boom breed a while ago that wanted to dispose of them. They had tried them and they failed to come up to expectations. We have lots of standard breeds of poultry that are hard to beat, either for eggs, meat or beauty.

### Poultry at the Topeka Fair.

The exhibit of poultry at the State Fair at Topeka this year was the best that has been shown for many years. At fall fairs one expects to see many ragged birds, as many of them are molting and therefore shy on feathers, but this year the birds all seemed to be in good condition, and the ragged bird was an exception.

The quality of the stock was exceptionally fine and would have done credit to any of our large winter shows. In Buff, White and Black Orpingtons, White Wyandottes, White Leghorns, Barred Plymouth Rocks, Buff Cochins, Silver Wyandottes and Buff Plymouth Rocks, there was quality to burn. This augurs well for the future fairs and shows that the poultrymen have concluded that it doesn't pay to show inferior stock at the fall fairs.

Another noticeable feature of the poultry display was the scattered locations of the exhibitors. There were birds from all parts of the state, from the Far West as well as from the East and Missouri, from the North as well as from the South. It was not a local or a car-lot show, but a typical show of the birds of Kansas.

G. D. McClaskey, of Topeka, did the judging, and made an excellent job of it.

### THE AWARDS.

Barred Plymouth Rocks—Second ckl, first hen, second pullet, second pen, J. M. Taylor, McCune, Kan.; second cock, third cockerel, C. S. Coe, Topeka; first cock, first cockerel, second hen, third hen, first and third pullet, first and third pen, Thompson & O'Gara, Topeka.  
White Plymouth Rocks—Third cockerel, third pullet, third pen, C. E. Wood, Topeka; first and second cock, first and second cockerel, first and second hen, first and second pullet, first and second pen, R. R. Shreffler, Topeka.

Buff Plymouth Rocks—First cock, first cockerel, first and second hen, first and second pullet, first pen, C. R. Baker, Abilene, Kan.

Partridge Plymouth Rocks—First hen, first pullet, second pullet, first pen, M. L. Meek, Ellsworth; first cock, second and third cockerel, second hen, J. H. Chase, Topeka; first cockerel, second cock, third hen, third pen, A. F. Modlin, Dallas, Texas.  
Silver Wyandottes—First, second and third cock, first, second and third cockerel, first, second and third hen, first, second and third pullet, first and second pen, L. P. Hubbard, Topeka.

White Wyandottes—First cockerel, first pullet, third pen, Mrs. W. R. Slayton, Ellmont; third cockerel, first hen, second pullet, second pen, Mrs. W. R. Downie, Lyndon; second cockerel, third hen, first pen, R. W. Wiscombe, Manhattan; second cock, third cock, second hen, Mrs. J. R. Schlegel, Topeka; first cock, third hen, A. F. Modlin, Rose Comb Rhode Island Reds—Third pen, W. F. St. Mary, Topeka; second cock, third cock, first, second and third cockerel, first pullet, first, second and third hen, first pen, F. A. Rehkopf; first cock, Clarence Lacy, Meriden, second and third pullet, A. F. Modlin; second pen, W. H. Harrison, Topeka.

Single Comb Rhode Island Reds—Third cockerel, third pen, Mrs. G. W. Berry, Topeka; first cockerel, first and second pen, W. H. Harrison; second cock, first and third hen, first and second pullet, A. F. Modlin; first cock, third cock, second cockerel, second hen, third pullet, Mrs. Sadie L. Lunceford, Mapleton, Kan.

Buff Cochins—First and third cock, first, second and third cockerel, first and third hen, first and third pullet, first, second and third pen, J. C. Baughman, Topeka; second cock, second hen, second pullet, A. F. Modlin.  
Black Langshans—First cock, first and second cockerel, first hen, third hen, first pullet, E. D. Hartzell, Rossville; second hen, A. F. Modlin; first pen, W. W. Harrell, Osawatimie.

Single Comb White Leghorns—First cock, first cockerel, first hen, second hen, second pullet, A. F. Modlin; second cock, third hen, second pen, Wolfe Poultry Yards, Topeka; first cock, second cockerel, first pen, R. W. Bradshaw, Ellsworth; third pen, Otto Vesper, Topeka; third cockerel, third pullet, Mrs. Terry Jenkins.  
Rose Comb White Leghorns—First and third cock, second hen, second and third pullet, A. F. Modlin; first cockerel, first pullet, Marshall Stahnke, Topeka; second cock, first hen, third hen, A. G. Dorr, Osage City.

Single Comb Black Minorcas—First cock, first, second and third cockerel, first, second and third hen, first, second and third pullet, Mrs. J. T. Scherman, Topeka.

Silver Campines—First cock, first and second cockerel, first, second and third hen, first, second and third pullet, S. J. Irwin, Topeka.

Buff Orpingtons—First cockerel, first hen, second and third pen, Charles S. Luengene, Topeka; first cock, second cock, second and third hen, first pullet, first pen, G. H. Ehler, Topeka; second pullet, C. A. Scoville, Sabetha; third cockerel, third pullet, C. D. Haffa, Russell, Kan.; second cockerel, A. F. Modlin.

Black Orpingtons—Third cockerel, second and third hen, second pullet, second pen, Mrs. Fredrica Luengene, Topeka; third pen, E. J. Rocheford, Topeka; second cock, second cockerel, third pullet, A. F. Modlin; first and third cock, first hen, first pullet, first pen, first cockerel, C. A. Scoville.  
White Orpingtons—First cock, first cockerel, second hen, third pullet, first pen, Crystal White Orpington Farm, Neodesha, Kan.; second cock, second cockerel, third hen, first pullet, Roy H. Johnson, Lawrence; third pen, L. A. Harper, Topeka; first cockerel, first hen, second pullet, A. F. Modlin; second pen, C. S. Luengene.  
Dark Cornish—First cock, first hen, Dr. Weed Tibbitts & Sons, Richland.

Buff Cochins—First and third hen, Clyde Baughman, Topeka; second cock, third cockerel, third pullet, Armin Weiskirch, Topeka; first and third cock, first and second cockerel, second hen, first and second pullet, A. F. Modlin.

White Cochins—First and second cock, first and second cockerel, first and second hen, first and second pullet, A. F. Modlin; third cockerel, third pullet, Jason A. Wolf, Topeka.

Golden Sebright Bantams—First cockerel, first pullet, H. A. Meler, Abilene, Kan.; first cock, first hen, A. F. Modlin.

Gray Toulouse Geese—First, second and third cock, first, second and third cockerel, first, second and third hen, first, second and third pullet, first, second and third pen, A. S. Brubaker, Topeka.

White Pekin Ducks—First cockerel, first pullet, Florence Flaherty, Ottawa.

White Runner Ducks—First cockerel, George Pratt, Wakarusa; first, second and third cock, second cockerel, first, second and third hen, first and second pullet, J. F. Cox, Topeka; third cockerel, third pullet, Thomas Owen, Jr., Topeka.

Houdans—Second cock, first and second pullet, E. D. Hartzell; first cock, first pullet, third hen, A. F. Modlin.

Pigeons—First on Tumbler pigeons, second on Homing pigeons, Merle Van Orsdal, Oakland; first on Homing pigeons, Russell Whaley, Topeka; second on Tumblers, first and second on Turbits, A. F. Modlin.  
Capons—First, E. D. Hartzell; second, C. S. Luengene.

All premiums on the following-named varieties were awarded to A. T. Modlin, Dallas, Texas: Partridge Cochins Bantams, B. B. R. Game Bantams, Brown Red Game Bantams, G. D. Game Bantams, S. D. G. Bantams, Buchen Game Bantams, Red Eye Game Bantams, White Game Bantams, Silver Sebright, Rose White Bantams, R. C. Black Bantams, Dark Brahma Bantams, S. C. Black Leghorns, Silver Leghorns, Rose Comb Black Minorcas, W. F. Black Spanish, Blue Andalusians, W. C. Black Polish, B. Golden Polish, B. Silver Polish, Buff Laced Polish, Plain Golden Polish, Plain Silver Polish, Plain White Polish, White Langshans, S. C. Brown Leghorns, Rose Comb Brown Leghorns, Partridge Cochins, White Cochins, Light Brahma, Partridge Wyandottes, Light Brahma, Black Cochins Bantams, B. T. Japs, White Japs, B. W. Polish Bantams, Silkies.

Special prize of \$5 for best pen of young birds won by C. A. Scoville.

S. C. Buff Leghorns—First cock, first, second and third hen, A. F. Modlin; first pullet, first pen, George J. Dorr, Osage City, Kan.



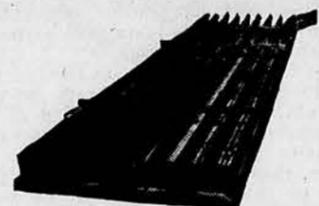
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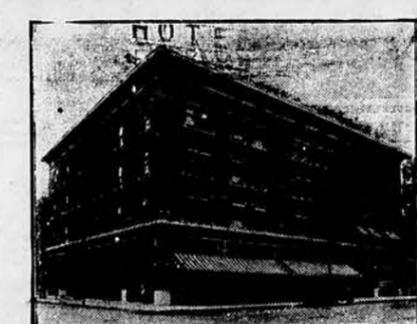
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# Hutchinson Fair Awards

**PERCHERON HORSES.**  
J. C. Robison, of Towanda, Kan., had seventeen head of Percherons on exhibition and took all firsts except on filly foal, which was won by Cooper & Son, of Nickerson, Kan.

**BELGIAN HORSES.**  
There were but two exhibitors in this breed, and few entries. Robison took all the prizes in the classes for which he had entered. C. F. Cooper & Son, of Nickerson, took first in the aged stallion class.

**FRENCH DRAFT.**  
B. W. Dunsworth, of Haven, Kan., took second place in aged stallion class; Robison, first.

**MULES.**  
Little competition in the mule classes. Exhibitors, O. G. Hill, of Nickerson, and H. F. Hineman & Sons, of Dighton. The feature was the span of mules shown by Hill.

**JACKS AND JENNETS.**  
Exhibitors—H. T. Hineman & Sons, Dighton, Kan.; William Dick, Hutchinson, Kan.; O. G. Hill, Nickerson, Kan.; Mills & Son, Alden, Kan.; E. E. Cowdery, Lyons, Kan. Judge—Col. R. L. Harriman, Bunceon, Mo. Aged Jack—First, Hineman, Kansas Chief; second, Mills, St. Patrick.  
Three Years Old and Under Four—First, Mills, Missouri Chief's Boy; second, Cowdery, Dr. Saunders; third, Hineman, Dr. Russell.

Two Years Old and Under Three—First, Mills & Son, Superior Mammoth Jr.; second, Mills, Champ Clark.  
One Year Old and Under Two—First, Hineman, Pharaoh Jr.; second, Hineman, Pharaoh's Pride.  
Under One Year—First, Hineman, Plover Boy.

Aged Jennets—First, Hineman, Jenny Collins; second, Mills, Miss Eagle.  
Three Years Old and Under Four—First, Hineman, Miss Edna.  
Two Years Old and Under Three—Hineman, Fannie.  
One Year Old and Under Two—First, Hineman, Maggie.  
Under One Year—First and second, Hineman, Kansas Queen and Leta.  
Jack Shown with Three of His Get—Hineman.  
Champion Jack—Hineman, Kansas Chief.  
Champion Jennet—Hineman, Edna.

## CATTLE AWARDS.

**HERDFORDS.**  
Exhibitors—R. H. Hazlett, El Dorado, Kan.; Klaus Bros., Bendena, Kan., and E. S. Jones, Emporia, Kan. Judge—A. L. Weston, Littleton, Colo. Two-Year-Old Bulls—First, Klaus Bros., Onward; second, Jones, Andy Counsel.  
Senior Yearlings—First, second, Hazlett, Beau; Blanco and Quality.  
Junior Yearlings—First and second, Hazlett, Beau Caldo 12th and Publican 4th; third and fourth, Klaus Bros., Beau Onward 19th and Beau Onward 20th.  
Senior Bull Calves—First, second and third, Hazlett, Rialto, Hazard Lad 3d and Beau Blanco 2d; fourth, Klaus, Beau Onward 23d.

Junior Bull Calves—First and second, Hazlett, "Old Anxiety" and Beau Baltimore 2d; third, Klaus, Beau Onward 28th.  
Aged Cows—First, Klaus, Miss Wilton 21st.  
Two-Year-Olds—First, Klaus, Miss Onward 9th.  
Senior Yearlings—First, Hazlett, Omycan; second, Klaus, Miss Onward 14th.  
Junior Yearlings—First, Hazlett, Sada San; second, Klaus, Miss Wilton 35th.  
Senior Heifer Calves—First, second and third, Hazlett, Zetyna, Omesta and Pongee 3d; fourth, Klaus, Miss Onward 21st.  
Junior Heifer Calves—First, Hazlett, Nama; second and third, Klaus, Miss Onward 23d and 27th.  
Senior Champion Bull—Klaus Bros., Beau Onward 15th.  
Junior and Grand Champion Bull—Hazlett, Beau Blanco.

Senior and Grand Champion Female—Klaus, Miss Onward 9th.  
Junior Champion Female—Hazlett, Omycan.  
Aged Herd—First, Klaus.  
Young Herd—First, Hazlett.  
Calf Herd—First and second, Hazlett; third, Klaus.  
Get of Sire—First and second, Hazlett, Caldo and Publican; third, Klaus, Beau Onward.  
Produce of Cow—First, Hazlett; second and third, Klaus.

**ABERDEEN ANGUS.**  
Exhibitors—Sutton Farm, Lawrence, Kan., and Harrison & Harrison, Indianola, Neb. Judge—Ed Patterson, Bunceon, Mo. Aged Bulls—First, Harrison, Captain.  
Two-Year-Olds—First, Sutton, Wakarusa Heatherson 6th; second, Harrison, Simon Durn.  
Junior Yearlings—First and third, Harrison, Blackbird Peter and Echo Boy 6th; second, Sutton, Wakarusa Heatherson 7th.  
Senior Bull Calves—First, Sutton, Black Heatherson; second, Harrison, Kanna Captain.  
Junior Bull Calves—First, Harrison, Eric Captain.  
Aged Cows—First, Sutton, Kenwood Queen Anne; second, Harrison, Alfalfa Pride 14th.  
Two-Year-Olds—First, Harrison, Alfalfa Queen 19th; second, Sutton, Wakarusa Pride 2d.

Senior Yearlings—First and second, Harrison, Blackbird 145 and Kanna K. 2d.  
Junior Yearlings—First and second, Sutton, Wakarusa Mina 6th and Wakarusa Dame 4th.  
Senior Heifer Calves—Sutton, Barbara Nellie; second, Sutton, Wea Mina S 4th.  
Junior Heifer Calves—Sutton, Barbara Heatherson; second, Ericka Ellen 13th.  
Senior Champion Bull—Sutton, Wakarusa Heatherson 6th.  
Junior and Grand Champion Bull—Harrison, Blackbird Peter.  
Senior and Grand Champion Female—Harrison, Alfalfa Queen 19th.  
Junior Champion Female—Sutton, Wakarusa Mina 6th.

Aged Herds—First, Sutton; second, Harrison.  
Young Herds—First, Harrison; second, Sutton.  
Calf Herds—First, Sutton; second, Harrison.  
Get of Sire—First, Sutton, Poncho; second, Harrison, Black Captain E.  
Produce of Cow—First, Sutton; second, Harrison.

**SHORTHORNS.**  
Exhibitors—H. C. Lookabaugh, Watonga, Okla., and C. S. Nevius, Chiles, Kan. Judge—Ed Patterson, Bunceon, Mo. Aged Bulls—First, Nevius, Searchlight Jr. Senior Yearlings—First, Lookabaugh, Lancaster Viscount; second, Nevius, Victoria's Searchlight.  
Junior Yearlings—First, Lookabaugh, Avondale's Viscount; second, Nevius, Victoria's Searchlight.  
Junior Yearlings—First, Lookabaugh, Avondale's Viscount; second, Nevius, Emma's Valentine.  
Senior Bull Calves—First, Lookabaugh, Lavendale.  
Junior Bull Calves—First and second,

Lookabaugh, Pleasant Dale and Pleasant Dale 2d; third, Nevius, Crystal Light.  
Aged Cows—First, Lookabaugh, Maxwellton Clipper 5th; second, Nevius, Crystal Maid.

Two-Year-Olds—First, Nevius, Lucy Searchlight; second and third, Lookabaugh, Pleasant Snowball and Maxwellton Mina 5th.  
Senior Yearlings—First and second, Nevius, Honor Maid and Cherry Blossom 6th.  
Junior Yearlings—First and second, Nevius, Miss Violet 11th and Lucy Searchlight.  
Senior Heifer Calves—First and second, Lookabaugh, Snowball and Pleasant Missie; third, Nevius, Miss Blanche 3d.  
Junior Heifer Calves—First, second and third, Lookabaugh, Pleasant Jealousy 3d, Pleasant Clipper and Lord's Pleasant Violet; fourth, Nevius, Miss Violet 12th.

Senior Champion Bull—Nevius, Searchlight Jr.  
Junior and Grand Champion Bull—Lookabaugh, Maxwellton Clipper 5th.  
Junior Champion Female—Nevius, Honor Maid.  
Aged Herd—First, Nevius.  
Young Herd—First, Nevius.  
Calf Herd—First, Lookabaugh; second, Nevius.

Get of Sire—First and third, Nevius, get of Searchlight and Searchlight Jr.; second, Lookabaugh, get of Lavender Lord.  
Produce of Cow—First, Nevius; second and third, Lookabaugh.  
**FAT STEERS.**  
Exhibitors—R. H. Hazlett, El Dorado, Kan.; Klaus Bros., Bendena, Kan., and H. C. Lookabaugh, Watonga, Okla. Judges—Ed Patterson, Bunceon, Mo., and A. L. Weston, Littleton, Colo.

Two-Year-Olds—First, Hazlett, Record, pure-bred Hereford; second, Lookabaugh, Pleasant Light, pure-bred Shorthorn.  
Yearlings—First, Hazlett, Reporter, pure-bred Hereford; second, Klaus Bros., Pete, grade Hereford.  
Calves—First, Hazlett, Docina, pure-bred Hereford.  
Champion Steer—Hazlett, Record.  
Herd—First, Hazlett.

## HOG AWARDS.

**POLAND CHINAS.**  
Exhibitors—A. J. Erhart & Son, Ness City, Kan.; Olivier & Sons, Danville, Kan., and Stryker Bros., Fredonia, Kan. Judge—S. P. Chiles, Jefferson, Kan. Boar Two Years or Over—First and third, Stryker Bros., Choice Perfection and Jupiter; second, Olivier, Model Expansion.  
Boar Eighteen Months and Under Two Years—First, Stryker, Pocaton; second, Olivier & Sons, Logan Price.  
Boar One Year and Under Eighteen Months—First, Stryker, Powhattan; second, Olivier & Son, Royal Blood; third, Erhart, Big Hadley Junior.

Boar Six Months and Under One Year—First and second, Stryker Bros.; third, Erhart.  
Sows Over Two Years—First, Stryker Bros., Salome; second, Olivier & Son, A Wonder's Best; third, Erhart, Green Lawn Model.  
Sow Eighteen Months and Under Two Years—First, Erhart, Mayflower Lady; second, Stryker; third, Olivier & Son.  
Sow One Year and Under Eighteen Months—First, second and third, Stryker Bros.  
Sow Six Months and Under One Year—First, Olivier & Son; second and third, Stryker.

Sow Under Six Months—First and second, Stryker Bros., third, Olivier & Son.  
Senior and Grand Champion Sow—Stryker, Powhattan.  
Junior Champion Sow—Stryker, Salome.  
Junior Champion Sow—Olivier & Son.  
Aged Herds—First, Stryker; second, Olivier & Son.  
Young Herd—First, Stryker; second, Olivier.

Get of Sire—First, Stryker; second, Erhart.  
Produce of Sow—First, Stryker; second, Erhart.  
**DUROC JERSEY SWINE.**  
Exhibitors—Buekirk & Newton, Newton; J. R. Smith, Newton; W. R. Crow, Hutchinson; W. W. Otey & Son, Winfield; Thompson Bros., Garrison; E. N. Farnham, Hope; all of Kansas, and W. A. Williams, Marlow, Okla. Judge—R. J. Harding, Macedonia, Iowa.

Aged Boars—First, Thompson, Select Chief; second, Crow, Red Crow; third, Williams, Select Col.  
Senior Yearling Boars—First, second and third, Crow, Liberty Bell, Crow's Top.  
Junior Yearling Boar—First, Otey, Otey's Dream; second and third, Thompson.  
Senior Boar Pig—First and second, Crow, High Model and Bright Model; third, Williams.  
Junior Boar Pig—First, second and third, Crow.  
Aged Sows—First, Williams, Col's Queen; second, Williams; third, Thompson.  
Senior Yearling Sow—First, Williams; second and third, Crow.  
Junior Yearling Sow—First and second, Crow; third, Williams.  
Senior Sow Pig—First and second, Crow; third, Williams.  
Junior Sow Pig—First and third, Crow; second, Thompson.

Senior and Grand Champion Boar—Thompson, Select Chief.  
Junior Champion Boar—Crow.  
Senior and Grand Champion Sow—Crow, Bell's Wonder.  
Junior Champion Sow—Crow.  
Aged Herd—First, Crow; second, Williams.  
Young Herd—First and second, Crow; third, Smith.  
Get of Sire—First and second, Crow.  
Produce of Sow—First and second, Crow.  
National Duroc Jersey Association Silver Trophy for Best Young Herd Owned by Exhibitor—Crow.

**HAMPSHIRE.**  
Exhibitors—A. M. Bear and J. F. Price, Medora, Kan.; S. E. Smith, Lyons, Kan., and W. R. Crow, Hutchinson, Kan. Judge—S. P. Chiles, Jefferson, Kan. Aged Boar—First, Bear, Medora John; second, Smith, T. R. Fancy.  
Junior Yearling Boar—First, Smith; Norton; second, Price, Tommy Turby.  
Senior Boar Pig—First, second and third, Bear.  
Junior Boar Pig—First and second, Smith; third, Bear.  
Junior Sow Pig—First and second, Smith; third, Price.  
Grand Champion Boar—Bear, Medora John; reserve, Smith, Norton.  
Grand Champion Sow—Smith, Carrie; reserve, Bear.

Aged Herd—First, Bear.  
Young Herd—First, Bear; second, Price.  
Hampshire Association Special, four pigs, any sex, under six months, bred and exhibited by resident of State of Kansas, silver cup—Smith.  
Hampshire Special No. 2, silver cup, best pair of pigs—Bear.

**CHESTER WHITES.**  
Exhibitors—W. W. Waltmire, Raymore, (Continued from page 19.)



## ELECTRIC LIGHT FOR LESS THAN 15 CENTS PER WEEK

Throw away your coal oil lamps and your lanterns—YOU CAN HAVE ELECTRIC LIGHT ON YOUR FARM and make it yourself. You can own a Fegan Electric Lighting Plant cheaper than you can burn coal oil. This is a simple complete electric lighting plant that any farmer or farmer's wife, son or daughter can operate, and so low priced that it is easily within the reach of every farm owner. This is NOT A TOY but a thoroughly tried and tested electric lighting system built especially for farm homes. Any small gasoline engine while running a pump or other machine will charge the electric storage batteries; then you can "touch the button," and have electric light in your house, barn, yard, or anywhere you want it. Over one hundred farm homes in Geary County, Kansas, have been equipped with the Fegan Electric Lighting plants, and every purchaser gives the plant his enthusiastic endorsement. We will give you the names of these users—you don't need to take our word for it—every plant is giving satisfaction.

Electric Light for Less than 15 Cents per Week. The average cost of lighting a farm home—house, barns, yard and all—taking an average of 55 plants, WAS LESS THAN 14 CENTS PER WEEK. Think of having electric light for 14 cents per week. No danger from lighted lamps or lanterns, no lamps to fill or clean, and a light that is a light.

## FARMER AGENTS WANTED

We are the manufacturers of these simple batteries that make this low-priced plant possible. No delicate parts to get out of order—it needs no expert to run one. Every farmer is interested in this plant the minute he sees it. For three years we have been selling them as fast as we could manufacture or install them. Now we have enlarged our facilities and expect to sell as many in other counties as we have around Junction City.

We ask no money in advance. Any reliable farmer can have one of these plants installed. He does not sign an order or lay himself liable in any way. After the plant is installed, if it is not satisfactory in every way, it is not to be purchased. If you have no gasoline engine, we will sell you a small one, all that is necessary, AT FACTORY COST and freight—one that will run a pump, washing machine, cream separator or other similar machine and charge your batteries at the same time. Only a few hours running once a week will keep your batteries charged. Absolutely no danger from electric shocks—we will give \$100 to anyone who will get an electric shock from our plant.

We are now prepared to fill orders within 300 miles of Junction City, and we want to put one plant on some farm home in every county in Kansas, JUST TO SHOW PEOPLE. Do you want one on your place? You can get a plant and make good wages besides, working for us during spare time. Write or call immediately and get the agency for your locality, or write for complete description and price list. No matter if you are busy, ATTEND TO THIS TODAY—IT WILL PAY YOU TO DO SO. We give you a banker's guarantee as to our reliability. Address all communications to

## R. B. FEGAN & COMPANY

Junction City

Kansas

## PUT YOUR MONEY IN PROFITABLE JERSEYS

And don't fail to take advantage of this splendid opportunity of attending the

## Big "Jacoba Irene" Loretta D"

## SALE OF 150 HEAD OF HEAVY PRODUCING JERSEYS

Owned by  
**PARKERDALE FARM COMPANY, AT KANE, ILLINOIS,**  
(Five Miles North of Jerseyville, on C. & A. R. R.)

WEDNESDAY, OCTOBER, 14, 1914

Sale is headed by two of the greatest "Champion Butter Blood" bulls in the world—LORETTA D'S CHAMPION 72983, and OONAN'S CHAMPION TORONO 106127.

LORETTA D'S CHAMPION is the sire of Loretta D's Jacoba Irene, test 14 lbs. 14 ozs. butter in seven days (Register of Merit) test. Also sire of Loretta D's Champion's Son, who is the sire of three cows in the Register of Merit. His sire, Merry Maiden's Third Son, grand champion bull at St. Louis World's Fair, 1904, sire of nine Register of Merit daughters. His dam, Loretta D. 141708, champion butter cow at St. Louis World's Fair, 1904. Butter test, 607 lbs. 0.9 ozs., in one year, Register of Merit test.

OONAN'S CHAMPION TORONO, bred by C. I. Hood, Lowell, Mass. Sire, Hood Farm Torono, the greatest sire of HIGH PRODUCERS the Jersey breed has ever known, sire of 63 Register of Merit daughters. Dam, Figgis 42d of Hood Farm 214292. Register of Merit test 513 lbs. butter in one year, she a daughter of Hood Farm Pogsis 9th 55552, sire of 70 Register of Merit cows, a son of Hood Farm Pogsis 40684, and the celebrated Figgis 76106, test 19 lbs. 15 ozs. and a grand champion winner at 13 years of age.

THERE WILL BE OVER FIFTY COWS AND HEIFERS IN THE SALE BY LORETTA D'S CHAMPION 72983. Practically all of these granddaughters of "Loretta D" will be bred and safe in calf to the CHAMPION BUTTER BLOOD BULL, OONAN'S CHAMPION TORONO 106127, the richest bred "Hood Farm" bull in America today.

Sale is represented with daughters of LORETTA D'S CHAMPION, OONAN'S CHAMPION TORONO, HEBRON'S KING, BLUE BELLE'S BLACK PRINCE, JACOBA IRENE'S PREMIER, ROSETTE'S GUENON LAD, STOKES POGIS OF EDGEWOOD, GOLDWORTHY, GOLDSTREAM, THE KING'S GOLDEN INTEREST and other noted sires.

AN ABSOLUTE DISPERSAL OF EVERY ANIMAL ON THE FARM. NO RESERVE. AS WE ARE GOING OUT OF THE BUSINESS. EVERY ANIMAL TUBERCULIN TESTED AND IN PERFECT HEALTH.

WESTERN BREEDERS are especially invited to attend this sale. Owing to a very severe drought in this particular section and in the middle states, we don't expect to see our cattle bring their worth; and this will be the best opportunity the far western buyers ever had to secure CHAMPION BUTTER BRED JERSEYS at a very low price. Careful buyers will be able to make good selections in this sale. THERE WILL BE BARGAINS AND DON'T YOU FORGET IT.

DON'T FAIL TO WRITE AT ONCE FOR LARGE CATALOG, which will be mailed on request to

**B. C. SETTLES, Sales Manager, PALMYRA, MISSOURI**

P. S.—Parties attending this sale will have ample time to reach Waterloo in plenty of time for the Shoemaker-Van Pelt-Mayne Co.'s sale on the 16th.

MR. J. F. LEFFLER sells sixty head of HEAVY PRODUCING JERSEYS at Callao, Mo., October 12. Arrange to attend, and go on to PARKERDALE FARM sale on the 16th.

THERE WILL BE A DAUGHTER AND THREE GRANDDAUGHTERS OF THE GREAT JACOBA IRENE 146443, the CHAMPION "long distance" cow, that made 1,121 lbs. 2 ozs. butter in one year.

# Classified Advertising

## HELP WANTED.

**MOTORMEN-CONDUCTORS, EARN \$75 monthly;** experience unnecessary; quality now; state age; details free. Dept. Q, Kansas Farmer.

**RAILWAY MAIL CLERKS, CLERK-carriers and rural carriers wanted.** I conducted examinations—can help you. Trial examination free. Osmont, 44-R, St. Louis.

**MEN WANTED—PREPARE AS FIRE-men, brakemen, motormen, colored train porters.** No experience necessary. Steady work. Writer Inter Railway, Care Kansas Farmer.

**WILL PAY RELIABLE MAN OR woman \$12.50 to distribute 100 free packages Perfumed Borax Soap Powder among friends;** no money required. Ward Company, 214 Institute Place, Chicago.

**ESTABLISHED COMPANY WANTS LOCAL representatives in each Kansas county during European war.** Good pay, salary, bonus and commission. Write J. H. Yetter, Sales Manager, 625 Jackson St., Topeka, Kan.

**AGENTS—SNAPPIEST HOUSEHOLD line on earth.** Red hot sellers, steady repeaters. Goods guaranteed. Over 100% profit. Write quick—hurry. E. M. Feltman, Sales Manager, 505 Third St., Cincinnati, Ohio.

**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.

**THOUSANDS U. S. GOVERNMENT LIFE jobs now open to men and women.** \$65 to \$150 month. No layoffs. Common education sufficient. Pull unnecessary. Write immediately for full list of positions and free sample examination questions. Franklin Institute, Dept. L82, Rochester, N. Y.

**WE WILL PAY YOU \$120 TO DISTRIBUTE religious literature in your community.** Sixty days' work. Experience not required. Man or woman. Opportunity for promotion. Spare time may be used. International Bible Press, 200 Winston Building, Philadelphia.

**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. 873, Chicago.

**WANTED—RESPONSIBLE PARTY TO take charge of business in each county.** New Automatic Combination Tool, combined wire fence stretcher, post puller, lifting jack, etc. Lifts or pulls 3 tons, weighs 24 pounds. Sells to farmers, shops, teamsters, etc. Descriptive catalog and terms upon request. Harrah Manufacturing Co., Box M, Bloomfield, Ind.

**WANTED—OWNER OF FORD CAR TO demonstrate self starter in his own town and vicinity.** Some Kansas, Oklahoma, Iowa and Nebraska territory still open. \$60 per week without interfering with other business. Starter and price appeal to every Ford owner. No investment required. Exceptional opportunity for young man, city or country. Write today. L. H. McConney, Tenth and Jones, Sattley Bldg., Omaha, Neb.

## REAL ESTATE.

**WANTED—GOOD FARM, WELL LOCATED.** Give description and price. From owner only. Spare, Box 754, Chicago.

**BARGAINS—160 A., GOOD IMPROVEMENTS,** could be cut into small farms; 2 1/2 miles Paola; 80 a., 4 miles Paola, free gas. No trades. H. A. Floyd, Paola, Kan.

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

**6% MONEY—6% MONEY—6%—LOANS may be obtained for any purpose on acceptable real estate security;** liberal privileges; correspondence solicited. A. C. Agency Company, 753 Gas & Electric Bldg., Denver, Colo.; 446 Pierce Bldg., St. Louis, Mo.

**WISCONSIN DAIRY FARM FOR SALE.—195 acres,** all under cultivation; one house, three barns, 40 head of registered Guernseys, crop, stock, machinery. Income, \$5,000 to \$6,000 a year. Twenty-nine thousand a year. Terms. O. T. Remington, Elk Mound, Wis.

**DO YOU WANT A FLORIDA FARM cheap on good terms,** that is well adapted to general farming, live stock raising truck and fruit growing? If so, write us at once. We sell direct to the farmer. Dowling-Shands Lumber Co., Land Dept., Green Cove Springs, Clay Co., Fla.

**FORTY-ACRE THREE-YEAR-OLD APPLE orchard,** best valley in Oregon. Trees Delicious, Rome Beauty, Winter Banana. Alfalfa between trees cutting 2 1/2 tons per acre, three crops per year. Will sell for \$10,000, half cash, balance terms. John Leigh, P. O. Box 544, Tacoma, Wash.

**SIX PER CENT LOANS OBTAINABLE on farm, ranch or city property,** to improve, purchase or remove incumbrance. Liberal options. Five years before making payment on principal, etc. For the proposition, address Assets Department at either 1410 Busch Bldg., Dallas, Texas, or 42-423 First National Bank Bldg., Denver, Colo.

**FOR SALE—A 182-ACRE TRACT OF good unimproved farm land in Hackell County, Oklahoma,** 10 miles north of Stigler. Healthy location; good neighborhood; good school; good water and fine oak timber. Soil adapted to grain, cotton and fruit. Price, \$10.00. Absolute title. Write owner, H. Waldo, Muskogee, Okla.

**VICTORIA, AUSTRALIA WANTS SET-tlers;** special inducements; government land; railways; free schools; cheap irrigation; 31 years to pay for farms adapted to alfalfa, corn, grains, fruit, etc.; climate like California; ample markets; reduced passages; special excursion being arranged; free particulars from F. T. A. Fricke, Government Representative from Victoria, 687 Market St., San Francisco, Calif. Box 34.

## REAL ESTATE.

**WESTERN LAND FOR SALE OR EX-change.** V. E. West, Ransom, Kansas.

**OSARK FARMS AND PASTURE LAND at lowest prices and liberal terms.** Write for list. Avery & Stephens, Mansfield, Mo.

**WANTED—TO HEAR FROM OWNER OF good farm for sale.** Send cash price and description. D. F. Bush, Minneapolis, Minn.

**LIST YOUR FARMS, RANCHES AND city property with me for sale or exchange.** R. F. Glinder, real estate specialist, 501 New England Bldg., Topeka, Kan.

**A BARGAIN IN MY 6,000-ACRE RANCH in Nueces Canyon,** well improved, well watered, 10 miles of new railroad, 30 days only. R. W. Lane, Languna, Texas.

**REAL ESTATE WANTED—SELL YOUR property quickly for cash,** no matter where located. Particulars free. Real Estate Salesman Co., Dept. 77, Lincoln, Neb.

**FOR SALE—80 ACRES, HALF MILE OF town;** 50 alfalfa, balance good timber first and second bottom. For information write Box 228, Soldier, Kan.

**BUY FROM THE OWNER, 80 A., ALL sub-irrigated bottom alfalfa land;** improvements fair, well located, good soil. Bargain. L. E. Allee, Sedgwick, Kan.

**ON ACCOUNT OF BUSINESS CONNec-tions in other localities I will sell at a bargain,** Colorado stock ranch. Access to open range, well located, watered and irrigated. Write E. M. Goss, Indian Oasis, Tucson, Ariz.

**AGENTS MAKE \$5,000 THIS YEAR. BE your own boss—** independent—abundant money—your time your own. All or spare time, at home or traveling. Write E. M. Feltman, Sales Manager, 505 Third St., Cincinnati, Ohio, today for full particulars.

**KANSAS CITY BUSINESS PROPERTY,** 150x50 feet, corner Fifth and Troost Ave., must be sold to settle an estate. A rare bargain in the fastest growing city in the West. Address K. C. Property, care of Kansas Farmer.

**FOR SALE—2,860 ACRES, IDEAL PLACE for stock ranch.** Will sell all or part. Plenty of living water and timber. Large part of it can be cultivated. Only 4 miles to town. Terms, part down, balance 10 years at 6 per cent. Henry Friebe, Bascom, Mont.

## CATTLE.

**GRADE HOLSTEIN COWS AND HEIF-ers.** Arnold & Brady, Manhattan, Kan.

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

**HIGH-CLASS JERSEY BULLS AT A bargain.** Two are from great dams and ready. Chester Thomas, Waterville, Kan.

**FOR SALE—HIGH GRADE HOLSTEIN heifer calves,** \$17.00 each, crated. Edw. Yohn, Watertown, Wis.

**HIGH GRADE HOLSTEIN HEIFER calves,** \$17; bulls, \$15; crated. Registered Holstein bulls 1 to 14 months, also black registered Percheron stallion 16 months, weight 1,250 pounds, \$250. McFarland Bros., Watertown, Wis.

**FOR THE NEXT 90 DAYS WE ARE DIS-posing of all our Holstein calves,** from heavy producing high grade Holstein cows and a very fine registered Holstein sire. The calves are from 4 to 6 weeks old, weaned, beautifully marked, strong and vigorous. Either sex, \$17, crated for shipment to any point. If you wish to get a start with good ones, send your order at once. Whitewater Stock Farm, Whitewater, Wis.

## SHEEP.

**EIGHT YEARLING REGISTERED Shropshire rams** from imported sire. One herd ram. Several registered breeding ewes, one and two years old. Write for description and prices. J. L. Lutz, Hurdland, Mo.

**FOR SALE—REGISTERED SHROPSHIRE ewes one and two years old.** Also spring lambs, both sexes. Rams ready for service this fall. A chance to get best quality stock. Prices very reasonable. D. E. Gilbert, Beloit, Kan.

## HORSES AND MULES

**SHEPHERD PONIES FOR SALE, FROM herd of 100.** C. H. Clark, Lecompton, Kan.

## HOGS.

**POLAND SPRING BOAR PIGS.** U. A. Gore, Seward, Kan.

## MISCELLANEOUS.

**BUTCHER SHOP AND FIXTURES FOR sale;** good business and location. Sam Wedel, Pawnee Rock, Kan.

**BROILERS, HENS, DUCKS, TURKEYS wanted.** Coops loaned free. Write The Cope's, Topeka, Kansas.

**WANTED—ALFALFA SEED. SEND samples and state quantity you have for sale.** Ross Bros. Seed House, Wichita, Kan.

**TO EXCHANGE—ALMOST NEW FORD touring car for alfalfa hay, cattle or sheep.** Jones Bros., Laclede, Mo.

**NICE SPRAYED WINTER APPLES—** Buy direct from grower, save money. Order now. U. J. Simmons, Stanberry, Mo.

**KEIFFER PEARS, BUSHEL, \$1.40; BAR-rel, \$4; sweet potatoes, bushel, \$1; native Ohios, 75c.** Write about poultry. The Cope's, Topeka, Kan.

**FARMERS, ATTENTION—FOR INFOR-mation regarding farms and stock ranches that are for sale at owner's prices,** write Guy R. Stanton, Lebanon, Laclede Co., Mo.

## AUTO PARTS.

**AUTO WRECKING CO., 13TH AND OAK,** Kansas City, Mo. We tear 'em up and sell the pieces. We save you 50 per cent on repair parts. Also buy old autos, condition no object.

## POULTRY.

**BUFF WYANDOTTES—THE UTILITY breed.** A splendid lot of youngsters coming on. Wheeler & Wylie, Manhattan, Kan.

**QUALITY WHITE INDIAN RUNNER and Buff Orpington drakes,** for a short time at \$1 each. Mrs. D. A. Wohler, Hillsboro, Kan.

**CORNISH COCKERELS AND PULLETS,** \$1.00 each. Show birds priced. L. C. Horst, Newton, Kan.

**TURKEYS, GESE, DUCKS, GUINEAS, chickens.** Leading breeds. Good stock. Reasonable prices. Emma Ahlstedt, Roxbury, Kan.

**COCKERELS FOR SALE—S. C. BROWN and White Leghorns, R. C. Reds, White Rocks and Red Caps,** 75c each until October 15. Thomas Ohlsen, Whiting, Kan.

**INDIAN RUNNER DUCKS, BEST STRAIN,** great layers. The White Fishel strain and Fawn and White. Lays every month. \$1.00 each. A. G. Cron, Mulvane, Kan.

**R. C. RED EGGS FOR HATCHING FROM Ingtons, S. C. W. Leghorns, Indian Runner Ducks.** These are all from prize winning stock. Eleanor Poultry Ranch, Brighton, Colo.

**FOR SALE—SEVERAL WHITE RUNNER drakes,** from Mrs. Myers' prize-winning stock winners of all first premiums at State Poultry Show. Price, \$2.00 each. Thomas Owen, Jr., Route 7, Topeka, Kan.

**EGGS FOR HATCHING FROM PURE-bred ducks, turkeys and chickens.** Poland China pigs, the big easy-keeping kind, \$3 each, \$15 a pair (not related). Mrs. Maggie Rieff, St. Peter, Minn.

**WHY PAY \$2.00 TO \$5.00 EACH A LIT-tle later for choice utility cockerels when you can now buy six for \$5.00? Single Comb Brown Leghorns. Also four cocks, line bred, two males for show cockerels and two for show females \$3.00 and \$5.00 each. H. C. Short, Leavenworth, Kan.**

## TREES, SEEDS AND PLANTS.

**SWEET CLOVER, WHITE AND YEL-low,** biennial. Pure Kentucky seed, direct from grower. R. E. Purdy, Falmouth, Ky.

**ALFALFA SEED—1914 CROP RE-cleaned.** Free sample. Large sample, 10c. Buy now for spring planting. G. L. Huyett, Minneapolis, Kan.

**TREES AT WHOLESALE PRICES FOR fall planting.** Fruit book free. Address Wichita Nursery, Box L, Wichita, Kan.

## DOGS.

**COLLIE PUPPIES CHEAP. LAWDALE Kennels,** Hiawatha, Kan.

**FOX TERRIER PUPS CHEAP. E. M. Cooper,** Neodesha, Kan.

**SCOTCH COLLIES—WESTERN HOME Kennels,** St. John, Kan.

**FOR SALE—SCOTCH COLLIE PUPS,** eligible to registry. Females, sable and white, perfectly marked, \$5. I. P. Kohl, Furley, Kan.

## HONEY.

**NEW AMERICAN EXTRACTED HONEY,** two cans of 60 pounds each, \$9. Larger lots, less. J. M. Ruys, Carlisle, New Mex.

**CALIFORNIA MOUNTAIN SAGE HONEY—120-pound cases,** \$9 per case. Sample, 10 cents. W. W. Hatch, Alta Loma, Calif.

## PATENTS.

**PATENTS PROCURED OR FEE RE-fund.** Official drawings free. Send sketch for free search. Patent Exchange, Jordans Bldg., Washington, D. C.

## SERUM.

**VACCINATE AND SAVE YOUR HOGS.** The old pioneer house, The Sinker Hog Cholera Serum Co., 1692 West 16th St., will immunize your hogs for life. Testimonials from all over the United States.

## TOBACCO.

**FOR SALE—FINE LEAF, CHEWING and smoking tobacco.** Send stamps for free samples. W. L. Parks Tobacco Co., Adams, Tenn.

## SITUATION WANTED.

**A MARRIED MAN, EXPERIENCED,** wants work on farm by the month. D. E. Stanislaus, Altoona, Kan.

**WANT POSITION RUNNING GAS EN-gine, stationary or tractor.** Stationary experience. A. S. C. graduate. Do own repair work. O. W. House, Rush Springs, Okla.

## Bargains in Land

### 360 ACRES

Five and a half miles from Allen; 180 acres cultivated, balance pasture and timber; 60 acres bottom; well improved. Price, \$42 per acre. 786-acre Lyon County ranch, 250 a. cult., easy terms. Write for list.

G. W. HURLEY, Emporia, Kansas.

### SPECIAL SNAP

Eighty acres, improved, well located, in Southeastern Kansas. Terms, \$800 cash, balance in small payments from 2 to 10 years. Price very low. Fine climate. Big crops. Send for illustrated booklet. Address, THE ALLEN COUNTY INVESTMENT CO., Iola, Kansas.

## SPLENDID FARM AND CATTLE RANCH

FOR SALE ON EASY TERMS.

1,280-acre ranch in North Central Kansas. 640 acres in corn, wheat and alfalfa. Plenty water and good pasture. Good improvements. Snap and on easy terms. Address BOX 210, BELOIT, KANSAS.

## Buy or Trade with us—Exchange book free

**160-ACRE BOTTOM FARM,** alfalfa, corn or wheat land; 7-room house. Big bargain. M. T. SPONG, Fredonia, Kansas.

**HARVEY COUNTY—240 a. imp., 4 mi. town,** for quick sale \$12,300, good terms. A snap. Owner, Box 33, Whitewater, Kan.

**WE SELL OR TRADE ANYTHING ANYWHERE. REALTY EXCHANGE CO., NEWTON, KAN.**

**320 ACRES DAIRY FARM FOR SALE.** Fully equipped for good business, 25 choice cows. Good improvements. Horses, implements. Will sell part or all, one-third cash, terms to suit buyer. Write for particulars. F. D. WEBB, Sterling, Kansas.

**ANY SIZED Arkansas farm,** no rocks, hills or swamps, all tillable, general farming and fruit, \$1.50 per acre down, balance 20 years, 6 per cent. Crop failures unknown. E. T. TETER & CO., Little Rock, Ark.

**140 ACRES, 8 miles McAlester.** All bottom and second bottom land. No overflow. 100 acres in cultivation. Fair improvements. \$28 per acre. Terms. SOUTHERN REALTY CO., McAlester, Okla.

**FOR JEFFERSON COUNTY or Northeast Kansas farms,** any size, where alfalfa, blue-grass and corn are the staple crops, at from \$80 to \$100 per acre. Write or see. The Harman Farm Agency, Valley Falls, Mo.

**NOTICE—We are making exchanges of all kinds of property,** no matter where located. Send your description at once and get terms. No fees. MID-WEST REALTY EXCHANGE, Dept. 6, Elverton, Nebraska.

### BENTER'S OPPORTUNITY.

Lyon Co. 80 imp., 60 a. cult., 10 a. alfalfa, \$2,200; mtg. \$1,600. 80 a. unimp., well located, \$2,800; easy terms. Now is your time to own a farm. Other good bargains. List free.

**FRED J. WEGLEY, Emporia, Kansas.**

**FORCED SALE—3 1/2 sections good smooth wheat land,** all join; 60 to 80 ft. to fine sheet water; only 3 1/2 miles to county seat. Price (cash only), \$4.50 per acre. Good safe investment. Chance to triple in value in 12 months. D. F. CARTER, Bonded Abstractor, Leoti, Kansas.

**YOU CAN BUY THIS ONE.** 148 A., 5 1/2 miles town of 5,000. New 8-room house; barn cost \$800; good fences, half in cultivation, half prairie mow land. Price, \$4,850 \$2,000 cash, balance 5 years at 6 per cent. Write for list. D. H. WALLINGFORD, Mound Valley, Kan.

### 320 ACRES

Nine miles from Coldwater; 120 acres in cultivation; good small house, barn and other improvements; fine garden spot, good well of water and springs, running creek. Could farm nicely. All good heavy land. Price, \$19 per acre, half cash, balance easy terms. TAYLOR & BRATCHER, Coldwater, Kan.

**FOR SALE—4 1/2 miles west of Rolla on Dodge City-Cimarron Valley R. R.,** at \$8.00, same quality land others are asking \$12.50 per acre for. Half cash, balance 5 to 10 years at 6 per cent. THOS. DABCY, Land Man, Offerle, Kansas.

**FOR SALE—A fine body of 2,700 acres of sub-irrigated valley land in Finney County,** belonging to two eastern banks who want to sell. Good alfalfa and wheat land. Will subdivide nicely. A low price and satisfactory terms will be made. CHAS. I. ZIRKLE & CO., Garden City, Kan.

**74 ACRES, all rich bottom alfalfa land;** 6-room house, barn, shade, 1 mile of Ottawa. Will sell with \$1,500 down, remainder 6 per cent. Price, \$110 per acre.

**80 ACRES, 3 miles of town;** 4-room house, barn 30x40, 75-ton silo, two wells never-failing water, 4 acres alfalfa, 15 acres blue-grass, 8 acres clover, remainder corn. Price, \$60 per acre. Farms. Write for land list. MANSFIELD LAND CO., Ottawa, Kansas.

**IRRIGATED ALFALFA LANDS** In the wonderful Pecos Valley of Texas. Most profitable farming in the world; 5 to 7 cuttings annually with average price above \$14 five years past; finest fruit in America; better climate than Kansas; cheapest water; lowest taxation and freight rates; best and cheapest irrigated land anywhere; will sell 20 acres or more on terms to suit, or accept choice city or farm realty in payment. Special inducements to colonies. Write for full particulars. STRATTON LAND CO., Wichita, Kansas.

### IRRIGATED ALFALFA FARM

I will trade my irrigated alfalfa farm of 320 acres, every acre good, well pumping 1,500 gallons water per minute, 70 acres in alfalfa, located in the Plainview shallow water district. No junk considered. J. WALTER DAY, OWNER, Plainview, Texas.

### FOR SALE OR TRADE

For Something Near Topeka—40 acres A-1 land; 15 a. alfalfa, rest to go to wheat; small barn, good well, soft water, beautiful location. Will trade for cultivated or grass land. This land is two miles from stock yards, Wichita, Kan. Address I. M. Bishop, Owner, Route 2, Wichita, Kan.

### FOR SALE

Modern six-room house and 1 1/2 lots in Emporia, Lyon County, Kansas. Easy terms. Gas, electricity, bath, paved streets, taxes paid, one block from Santa Fe station and car line, four blocks from main street; out-buildings and good shade. Good investment as a rental. Hasn't been idle a month since built. Write Chas. Clarke, 334 Kansas Ave., Topeka, Kan.

**Automobile Business for Sale—Would Trade.** Only modern garage in modern factory town of 5,000 people. In the heart of the oil and gas fields of Eastern Oklahoma, and Oklahoma's richest agricultural district, where business is good 365 days in the year. Two-story modern fire-proof brick, steel and concrete building centrally located on paved street. Second floor has 18 modern rooms, bringing in big rent. Lower floor, fire-proof garage, equipped with the latest electric motor driven machinery, with accessory store-room, individual fire-proof stalls for cars. Working three men steady. More business than we can handle. Will sell for \$17,000, or will trade for improved bottom or best valley land in Eastern Oklahoma, Kansas, Texas, Nebraska, Missouri, Arkansas or Louisiana, if worth the money. Land must be improved. See J. D. WARD, Owner, Collinsville, Okla.

# TOPEKA FAIR AWARDS

Continued From Page Six

Heifers One Year and Under Two—First and second—Smith, Stockwell Golden and Stockwell Jersey Wonder; third, Erdley & Sons, Castor's Roxana; fourth, Fred Laptad, Merrigold Queen.

Heifer Under One Year—First, Smith, Golden Maid Lass; second, Erdley & Sons, Splendid Golden Nettle; third, Smith, Stockwell's Pearl; fourth, Erdley & Sons, Castor's Sweet Roxana.

Young Heifer—First and second, Smith; third, Erdley & Son.

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

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

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

Senior and Grand Champion Bull—First, Smith, Stockwell's Champion; second, J. B. Smith, Platte City, Mo., Pleasant Valley.

Junior Champion Cow—Smith, Stockwell's Golden Maiden.

Aged Herd—First, Smith; second, Erdley & Sons; third, Laptad.

### GUERNSEY CATTLE

Judge, Prof. J. H. Frandsen, Lincoln, Neb. The herd of Guerneys owned by Messrs. Wilcox & Stubbs, of Des Moines, Iowa, won all prizes in their class.

**HOLSTEIN CATTLE**

Judge, Prof. J. H. Frandsen, Lincoln, Neb. Bull Three Years or Over—First, Badger & Frost, Center City, Neb., Prince Katy.

Bull Two Years and Under Three—First, Charles Holston & Sons, Topeka, Diamond Lad.

Bull One Year and Under Two—First, Badger & Frost, Stevens Sir; second, Leiland McAfee, Topeka, Prilly Walker Duke; third, G. L. Rossette, Topeka, Sir Edith Duke Ormsby.

Bull Under One Year—First, Holston & Son, Dutchland Colantha; second, Badger & Frost, Prince G. Aore Fair; third and fourth, Badger & Frost.

Cows Four Years Old and Over—First, Badger & Frost, Esther; second, Holston & Sons, Dutchland Colantha; third and fourth, Holston & Sons.

Cows Three Years Old and Under One—Holston & Sons, Louline DeKol; second, Badger & Frost, Susan.

Cows Two Years and Under Three—First and second, Holston & Sons, Lyons Segis and Pauline Canary; third, Badger & Frost, Ultra DeKol.

Heifers One Year and Under Two—First and second, Badger & Frost, Lady Jones and Princess Baug F.; third and fourth, Holston & Sons, Kallispell and Hingerold Lyons.

Heifer Under One Year—First and second, Badger & Frost, Esther Marjorie and Virginia Dare; third and fourth, Charles Holston & Sons, Queen Lyons and Hollycrest.

Senior and Grand Champion—Badger & Frost, Prince Katy; reserve, Chas. Holston & Sons, Dutchland Colantha.

Junior Champion Bull—Charles Holston & Sons, Dutchland Colantha; reserve, Badger & Frost, Stevens Sir P. C.

Senior Champion Cow—Badger & Frost, Esther of Fair Acre.

Junior and Grand Champion Cow—Badger & Frost, Lady Jones F. A.

Aged Herd—First, Badger & Frost; second, Holston & Sons.

Young Herd—First, Badger & Frost; second, Holston & Sons.

Calf Herd—First, Badger & Frost; second, Holston & Sons.

Get of Sire—First, Badger & Frost; second and third, Holston & Sons.

Produce of Cow—First, Badger & Frost; second and third, Holston & Sons.

### BROWN SWISS CATTLE

Dahlem & Schmidt, of El Dorado, Kan., were the only exhibitors of Brown Swiss cattle having a full herd, and they took all prizes in all classes.

### SHEEP AWARDS

Clarence Lacey, of Meriden, Kan., was the only Kansas exhibitor of sheep. Other exhibitors were George Allen and Will Allen, of Lexington, Neb., and Sherwood Bros., of Shelbyville, Mo. Total number on exhibition was 183. The Allens were the only exhibitors of Lincoln Southdowns, Leicester, Oxfords and Cotswolds, and took all prizes. They also took all prizes in Rambouillets and Merinos. W. L. Blissard was the judge. Other awards are as follows:

**SHROPSHIRE**

Ram Two Years Old or Over—First and second, George Allen; third, Clarence Lacey, Meriden, Kan.

Ram One Year and Under Two—First, Will Allen; second, George Allen; third, Lacey.

Ram Lamb Under One Year—First, Lacey; second and third, Will Allen.

Ewe One Year and Under Two—First and second, Lacey; third, Will Allen.

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

Get of Sire—First, George Allen; second, William Allen; third, Lacey.

Flock—First, Will Allen; second, Lacey; third, George Allen.

Kansas-Bred Flock—First and second, Lacey.

Champion Ram, Any Age—George Allen.

Champion Ewe, Any Age—Lacey.

Special, Best Flock—First and second, Lacey.

**HAMPSHIRE**

Ram Two Years Old or Over—First, Sherwood Bros.; second, George Allen; third, Sherwood Bros.

Ram One Year and Under Two—First, second and third, Sherwood Bros.

Ram Lamb Under One Year—First, George Allen; second, Will Allen; third, George Allen.

Ewe One Year and Under Two—First and second, Sherwood Bros.; third, George Allen.

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

Get of Sire—First, Sherwood Bros.; second, George Allen; third, Sherwood Bros.

Flock—First and second, Sherwood Bros.; third, George Allen.

Champion Ram, Any Age—Sherwood Bros.

Champion Ewe, Any Age—Sherwood Bros.

### HOG AWARDS

**DUROC JERSEYS**

Judge, George Berry, Topeka, Kan. Boar, Eighteen Months and Under Two Years—First, Searle & Cottle, Berryton, Kan., Colonel Sensation; second, R. W. Wilde & Sons, Genoa, Neb., Dusty Color; third, Classen Bros., Union City, Okla., Defender Colonel.

Boar Six Months and Under One Year—First, A. J. Hanna, Elmdale, Kan., Mack's Chief; second and third, Wilde & Son, I Am A Critic and Critic I Am; fourth, Searle & Cottle.

Boar Under Six Months—All four awards won by Wilde & Son.

Sow Two Years Old or Over—First, Wilde & Son, Ruby's Pride; second and third, Searle & Cottle, Bonney's Best and Bonney's Princess; fourth, Wilde & Son, Crimson Girl.

Sow Eighteen Months and Under Two Years—First and second, Searle & Cottle, Countess Again; third, Wilde & Sons, Orient

Queen; fourth, W. B. Albertson, Lincoln, Neb., A-1 Choice.

Sow One Year and Under Eighteen Months—First, Wilde & Sons, Critic's Perfection; second and third, R. Van Patten & Son, Sutton, Neb., Miss Wonder; fourth, Classen Bros., Union City, Neb., Graduate Princess.

Sow Six Months and Under One Year—First and second, A. J. Hanna, Mac's Superior and Miss Wonder; third, Wilde & Sons, Pride's Beauty; fourth, Hanna, Mac's Superior 3d.

Sow Under Six Months—First, second and third, Wilde & Sons; fourth, Searle & Cottle.

Aged Boar—First, George Briggs & Son, Clay Center, Neb., Illustrator; second, Wilde & Sons, B. & C. Wonder.

Junior Yearling—First, Van Patten & Son, Select Wonder; second, Wilde & Son, Critic C.; third, Wilde & Son, Graduate Princess; fourth, Van Patten & Son, Crimson Model.

Senior and Grand Champion Boar—Briggs & Sons, Illustrator 3d.

Junior Champion Boar—Wilde & Sons, Senior and Grand Champion Sow—Wilde & Sons, Ruby's Pride.

Junior Champion Sow—Hanna.

Boar and Three Sows Over One Year, Bred by Exhibitor—First, Searle & Cottle; second, Wilde & Sons; third, Van Patten & Son.

Boar and Three Sows Under One Year—First, Hanna; second and third, Wilde & Sons.

Boar and Three Sows Under One Year, bred by Exhibitor—First, Hanna; second and third, Wilde & Sons.

Get of Sire—First, Searle & Cottle; second, Hanna; third, Wilde & Sons.

Produce of Sow—First, Hanna; second, Wilde & Sons; third, Searle & Cottle.

**CHESTER WHITES**

Judge, George Berry, Topeka, Kan. Boar Two Years or Over—First, R. E. Brown, Dunlap, Iowa, O. K. Keeper; sec-

ond, F. C. Gookin, Russell, Kan., King.

Boar Eighteen Months and Under Two Years—Slepicka Bros., Tobias, Neb., Grand Chief.

Boar One Year and Under Eighteen Months—First, Slepicka Bros., J. V. Perfection; second, Gookin, Dude 3d; third, Classen Bros., Union Okla., White Perfection.

Boar Six Months and Under One Year—First, Brown, Highball; second and third, Slepicka Bros., Beauty's Model and White Rock.

Boar Under Six Months—First, Brown; second, third and fourth, Slepicka Bros.

Sow Two Years Old and Over—First, Brown, Myrtle B.; second, Gookin, Snowball.

Sow Eighteen Months and Under Two Years—First and second, Brown, R. E.'s Choice and Dunlap Lassie; third, Gookin, Snowflake.

Sow One Year and Under Eighteen Months—First and second, Slepicka Bros., C. A.'s Queen and C. A.'s Beauty; third and fourth, Brown, Queen 4th and Silver Lady.

Sow Six Months and Under One Year—First, Slepicka Bros.; second, Brown; third and fourth, Slepicka Bros.

Sow Under Six Months—First, second and third, Brown; fourth, Slepicka Bros.

Senior and Grand Champion Boar—Slepicka Bros., J. V. Perfection.

Senior and Grand Champion Sow—Brown, Myrtle B.

Junior Champion Sow—Slepicka Bros.

Boar and Three Sows Under One Year—First, Brown; second, Slepicka Bros.; third, Gookin.

Boar and Three Sows Under One Year, Bred by Exhibitor—Slepicka Bros.

Boar and Three Sows Under One Year—First, Slepicka Bros.; second, Brown; third, Slepicka Bros.

Boar and Sows Under One Year, Bred by Exhibitor—First, Slepicka Bros.; second, Brown; third, Slepicka Bros.

Four Animals Any Age, Either Sex, Get of One Boar—First and second, Slepicka Bros.; third, Brown.

Four Animals Any Age, Either Sex, Produce of One Sow—First and second, Slepicka Bros.; third, Brown.

**POLAND CHINAS**

Judge, George Berry, Topeka, Kan. Boar Two Years Old or Over—First, Ben Anderson, Lawrence, Kan., Improved King.

Boar One Year and Under Eighteen Months—First, W. E. Willey, Steele City, Neb., Superba; second, Ben Anderson, Improved King.

Boar Six Months and Under One Year—Willey, Big Bone's Son Jr.

Boars Under Six Months—First, second and third, Willey, on Big Bone's Son 1st, Jim, and Big Bone's Son 2d.

Aged Sow—Willey, Daisy.

Sow One Year and Under Eighteen Months—First, second and third, Willey, on Big Lady A., Big Lady B., and Lady Lenatus.

Sow Six Months and Under One Year—First, second, third and fourth, Willey, on Annie Price 35th, Annie Price 34th, Annie Price 36th, and Big Bess.

Sow Under Six Months—First, second, third and fourth, Willey, on Big Lady D., Big Lady E., Big Lady F., and Ox Anna.

Senior and Grand Champion Boar—Willey, Superba.

Junior Champion Boar—Willey, Big Bone's Son Jr.

Senior and Grand Champion Sow—Willey, Big Ann 2d.

Junior Champion Sow—Willey, Anna Price 35th.

Aged Herd—Willey.

Herd Bred by Exhibitor—Willey.

Senior Yearling Sow—First, second and third, Willey, on Big Queen 2d, What's Wanted 3d, and Big Queen Ann 3d.

Young Herd—First, second and third, Willey.

Young Herd Bred by Exhibitor—First, second and third, Willey.

Get of Sire—First, second and third, Willey.

Produce of Sow—First and second, Willey, BERKSHIRE HOGS.

Judge, W. L. Blissard, Manhattan, Kan. Boar Two Years Old or Over—First, J. N. Neilson, Marysville, Kan., Dandy Duke 6th; second, H. E. Conroy, Nortonville, Kan., Robin Hood Premier.

Boar Eighteen Months and Under—First and second, Neilson, Ring Master Robin Hood and Silver Master.

Boar One Year and Under Eighteen Months—First, Neilson, College Master; second and third, Conroy, Edmond Silver Lips 2d and Edmond Silver Lips 3d.

Boar Six Months and Under One Year—First, Neilson, Excelsior Robhood.

Sow Two Years Old or Over—First, W. E. DeLair, Marysville, Kan.

Sow Eighteen Months and Under Two Years—First, Neilson, Silver Lady 2d; second, Conroy, Burton Rival; third, Neilson, Silver Lady 13th.

Sow One Year and Under Eighteen Months—First, Neilson, Polly Robinhood 4th; second, Conroy, Conroy's Duchess 3d; third, Conroy; fourth, Neilson.

Sow Six Months and Under One Year—First, Conroy, Conroy's Lassie 1st; second,

Produce of Sow—First and second, Fisher; third, Edwards.

Senior Champion Boar—First, Edwards, Blythedale Joe.

Junior and Grand Champion Boar—First, Fisher, Winside Star 6th.

Senior and Grand Champion Sow—First, Fisher, Hamburg Bell.

Junior Champion Sow—First, Fisher, Sweet Peas 1st.

**TAMWORTH HOGS**

The herd of Tamworth hogs owned by Classen Bros., of Union City, Okla., had no competition, and won all prizes in their class.

### Hutchinson Fair Awards

[Continued from Page Seventeen.]

Mc.; Olivier & Son, Danville, Kan., and Van Dolah & Son, Hutchinson, Kan.

Judge—S. P. Chiles, Jefferson, Kan.

Boar Over Two Years—First, Walmire, Raymore Chief; second, Van Dolah, Roy Russell.

Boar Eighteen Months and Under Two Years—First, Walmire, Proud Dick.

Boar One Year and Under Eighteen Months—First, Walmire, Galloway Boy.

Boar Six Months and Under One Year—First and second, Walmire, Initiator and Inventor.

Boar Under Six Months—First and second, Olivier; third, Walmire.

Sow Over Two Years—First and second, Walmire, Galloway and White Lily.

Sow Eighteen Months and Under Two Years—First, Van Dolah, Lady Russell.

Sow One Year and Under Eighteen Months—First, Walmire, Silver Star.

Sow Six Months and Under One Year—First and second, Walmire.

Sow Under Six Months—First, second and third, Olivier & Son.

Get of Boar—First, Olivier & Son; second, Walmire.

Aged Herd—First, Walmire.

Young Herd—First, Olivier & Son; second, Walmire.

Senior and Grand Champion Boar—Walmire, Raymore Chief.

Junior Champion Boar—Olivier & Son, Sweepstakes Again.

Senior Champion Sow—Walmire, Silver Star.

Junior and Grand Champion Sow—Olivier & Son, Kansas White Rose.

**BERKSHIRE**

Exhibitors—O. G. Nash, Eskridge, Kan.; H. E. Conroy, Nortonville, Kan.; E. S. Kincaid, Eskridge, Kan., and Sutton Farms, Lawrence, Kan.

Judge—S. P. Chiles, Jefferson, Kan.

Boar Two Years or Over—First, Sutton Farms, Duke's Bacon; second, Conroy, Duke's Rival's Champion; third, Nash, Buster Black.

Boar Eighteen Months and Under Two Years—First, Sutton Farms, Robin Hood's Style.

Boar One Year and Under Eighteen Months—First, Sutton Farms, Classy Robin Hood; second, Nash, Circus Girl's Duke; third, Kincaid, Latta's Duke.

Boar Over Six Months and Under One Year—First, Sutton Farms, Sutton's Model; second, Conroy, Robin Hood's Chief; third, Nash, Eskridge's Duke.

Boar Under Six Months—First, Conroy; second, Sutton Farms; third, Nash.

Sows Over Two Years—First, Nash, Circus Girl 6th; second, Sutton Farms, Black Diamond 10th; third, Kincaid, Black Pearl.

Sow Eighteen Months and Under Two Years—First, Nash.

Sow One Year and Under Eighteen Months—First and second, Nash, Circus Girl 12th and Circus Girl 14th; third, Sutton Farms, Lovely Lass.

Sow Six Months and Under One Year—First and second, Nash; third, Sutton Farms.

Senior Champion Boar—Sutton Farms, Robin Hood's Style; reserve, Sutton Farms, Duke's Bacon.

Junior and Grand Champion Boar—Sutton Farms, Classy Robin Hood.

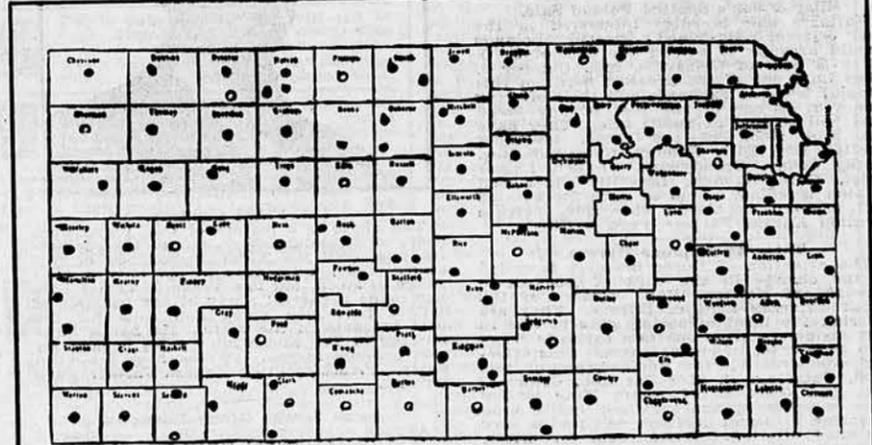
Senior and Grand Champion Sow—Sutton Farms, Model's Beauty.

Produce of Sow—First and second, Nash, produce of Circus Girl and Type's Black Girl.

Get of Boar—First, Sutton Farms, get of Model Nelson; second, Nash, get of Progressive Duke.

Aged Herd—First, Nash; second, Sutton Farms.

Young Herd—First, Nash; second, Conroy, Special—First and third, Nash; second, Sutton Farms.



Map Showing Distribution Of Sub-Stations Of Weather Bureau

EACH month in KANSAS FARMER appears a map showing the precipitation for the various counties for the month named. The map above shows the distribution of points throughout the state at which precipitation measurements are made and from which reports are received by the weather bureau office located at Topeka. The figures are each month obtained by KANSAS FARMER from T. B. Jennings, section director, Topeka, and to whom our readers are obliged.

and, F. C. Gookin, Russell, Kan., King.

Boar Eighteen Months and Under Two Years—Slepicka Bros., Tobias, Neb., Grand Chief.

Boar One Year and Under Eighteen Months—First, Slepicka Bros., J. V. Perfection; second, Gookin, Dude 3d; third, Classen Bros., Union Okla., White Perfection.

Boar Six Months and Under One Year—First, Brown, Highball; second and third, Slepicka Bros., Beauty's Model and White Rock.

Boar Under Six Months—First, Brown; second, third and fourth, Slepicka Bros.

Sow Two Years Old and Over—First, Brown, Myrtle B.; second, Gookin, Snowball.

Sow Eighteen Months and Under Two Years—First and second, Brown, R. E.'s Choice and Dunlap Lassie; third, Gookin, Snowflake.

Sow One Year and Under Eighteen Months—First and second, Slepicka Bros., C. A.'s Queen and C. A.'s Beauty; third and fourth, Brown, Queen 4th and Silver Lady.

Sow Six Months and Under One Year—First, Slepicka Bros.; second, Brown; third and fourth, Slepicka Bros.

Sow Under Six Months—First, second and third, Brown; fourth, Slepicka Bros.

Senior and Grand Champion Boar—Slepicka Bros., J. V. Perfection.

Senior and Grand Champion Sow—Brown, Myrtle B.

Junior Champion Sow—Slepicka Bros.

Boar and Three Sows Under One Year—First, Brown; second, Slepicka Bros.; third, Gookin.

Boar and Three Sows Under One Year, Bred by Exhibitor—Slepicka Bros.

Boar and Three Sows Under One Year—First, Slepicka Bros.; second, Brown; third, Slepicka Bros.

Boar and Sows Under One Year, Bred by Exhibitor—First, Slepicka Bros.; second, Brown; third, Slepicka Bros.

Four Animals Any Age, Either Sex, Get of One Boar—First and second, Slepicka Bros.; third, Brown.

Four Animals Any Age, Either Sex, Produce of One Sow—First and second, Slepicka Bros.; third, Brown.

**POLAND CHINAS**

Judge, George Berry, Topeka, Kan. Boar Two Years Old or Over—First, Ben Anderson, Lawrence, Kan., Improved King.

Boar One Year and Under Eighteen Months—First, W. E. Willey, Steele City, Neb., Superba; second, Ben Anderson, Improved King.

Boar Six Months and Under One Year—Willey, Big Bone's Son Jr.

Boars Under Six Months—First, second and third, Willey, on Big Bone's Son 1st, Jim, and Big Bone's Son 2d.

Aged Sow—Willey, Daisy.

Sow One Year and Under Eighteen Months—First, second and third, Willey, on Big Lady A., Big Lady B., and Lady Lenatus.

Nelson, Silver Lady 14th; third, Conroy, Conroy's Lassie 3d; fourth, Neilson, Silver Lady 13th.

Sow Under Six Months—First, second, third and fourth, Neilson.

Senior and Grand Champion Boar—Neilson, Ringmaster Robinhood.

Junior Champion Boar—Conroy.

Senior and Grand Champion Sow—Neilson, Polly Robinhood 4th.

Junior Champion Sow—Conroy, Conroy's Lassie 1st.

Aged Herd—Neilson.

Young Herd—First, Conroy; second and third, Neilson.

Young Herd Bred by Exhibitor—First, Conroy; second and third, Neilson.

Get of Sire—First, Neilson; second, Conroy.

Produce of Sow—First, Neilson; second, Conroy; third, Conroy.

**HAMPSHIRE HOGS**

Judge, George Berry, Topeka, Kan. Boar Two Years Old or Over—First and second, R. E. Fisher, Winside, Neb., Champ Boar and Doctor Scott Hog; third, J. Q. Edwards, Smithville, Neb., General Benton.

Boar Eighteen Months and Under Two Years—First and second, Fisher, General Allen and Messenger Boy; third, Edwards, Jacob.

Boar One Year and Under Eighteen Months—First, Edwards, Blythedale Joe; second, Fisher, Fisher's King 6th; third, Classen Bros., Union City, Okla., Bell's Beat Boy 2d.

Boar Six Months and Under One Year—First, Fisher, Winside 6th; second, Edwards, Hillwood Duke; third, Fisher, Overlook Special.

Boar Under Six Months—First and second, Fisher; third, Edwards.

Sow Two Years Old or Over—First and second, Fisher, Hamburg Bell; third, Edwards, Miss Clodges.

Sow Eighteen Months and Under Two Years—First, second and third, Fisher, Fisher's Queen 15th, Fisher's Queen 16th and Fisher's Queen 17th.

Sow One Year and Under Eighteen Months—First, Fisher, Fisher's Queen 7th; second, Classen Bros., Reno Maid 1st; third, Edwards, Dimple.

Sow Six Months and Under One Year—First, second and third, Fisher, Sweet Peas 1st, Sweet Peas 3d and Sweet Peas 2d.

Sow Under Six Months—First, Edwards, Nanna Low; second and third, Fisher.

Boar and Three Sows Over One Year—First and second, Fisher; third, Edwards.

Bred by Exhibitor—First and second, Fisher; third, Edwards.

Boar and Three Sows Under One Year, Bred by Exhibitor—First, Fisher; second, Edwards; third, Fisher.

Get of Sire—First and second, Fisher; third, Edwards.

## FIELD NOTES

G. C. WHEELER  
Manager Live Stock Department.

**FIELD MEN.**

O. W. Devine.....Topeka, Kan.  
W. J. Cody.....Topeka, Kan.

**PURE BRED STOCK SALES.**

**Jacks and Jennets.**  
Oct. 20-21—L. M. Monsees & Sons, Smithton, Mo. One hundred head jacks and jennets.

**Angus Cattle.**  
Jan. 21, 1915—Consignment sale, Manhattan, Kan. L. R. Brady, Manager.

**Jersey Cattle.**  
Oct. 14—Parkerdale Farm Co., Kane, Ill. Sale manager, E. C. Settles, Palmyra, Mo.  
Nov. 9—A. L. Churchill, Vinita, Okla.

**Shorthorns.**  
Dec. 17—A. B. Garrison, Summerfield, Kan.  
Jan. 15, 1915—Consignment sale, Manhattan, Kan. L. R. Brady, Manager.

**Holsteins.**  
Sept. 22—W. G. Merritt & Son, Great Bend, Kan.  
Oct. 15—A. B. Wilcox, Abilene, Kan.  
Oct. 20—H. C. Glissman, Station B, Omaha, Neb.

**Guernsey Cattle.**  
Nov. 16—Frank P. Ewins, Independence, Mo. B. C. Settles, Sales Manager.

**Durocs.**  
Nov. 6—Samuel Drybread, Elk City, Kan.  
Dec. 16—J. D. Shepherd, Abilene, Kan.  
Feb. 12—Howell Bros., Herkimer, Kan.

**Duroc Jerseys, Polands and Berkshires.**  
Feb. 9-10—Agricultural College, Manhattan, Kan.

**Poland Chinas.**  
Oct. 8—J. O. Riley & Son, Cainsville, Mo.  
Oct. 15—Fred G. Laptad, Lawrence, Kan.  
Oct. 20—U. S. Byrne, Saxton, Mo.  
Oct. 21—H. B. Walter, Effingham, Kan.  
Oct. 21—Deming Ranch, Oswego, Kan.  
Oct. 29—A. B. Garrison, Summerfield, Kan.  
Oct. 22—Deming Ranch, Oswego, Kan.  
Oct. 22—P. M. Anderson, Lathrop, Mo.  
Oct. 28—Walter Hildwein, Fairview, Kan.  
Oct. 23—L. V. O'Keefe, Bucyrus, Kan.  
Oct. 31—John Belcher, Raymore, Mo.  
Nov. 2—W. A. Brewett, Asherville, Kan.

**POLLED DURHAM CATTLE**

**ROAN HERO 3613 - 229963**

THE INTERNATIONAL CHAMPION heads my herd of Double Standard Polled Durhams. Few choice young bulls for sale. Mo. Pac. Railway 17 miles southeast of Topeka, Kansas. Farm adjoins town. Inspection invited.  
D. C. VAN NICE, Richland, Kansas

**POLLED DURHAMS FOR SALE**

Herd headed by Roan Choice and Matchless Avon. Young stock, both sexes, for sale. Prices reasonable. Come and see my herd.  
C. J. WOODS, CHILES, KANSAS.

**RED POLLED CATTLE**



**RED POLLED CATTLE**  
A few choice bulls, ready for service, priced reasonable.  
I. W. FOULTON, Medora, Kan.

**RED POLLED CATTLE**

For Sale—A choice lot of cows, bulls and heifers, all registered, with good quality.  
AULD BROS., Frankfort, Kansas.

**COBURN HERD RED POLLED CATTLE AND PERCHERON HORSES**

Twelve extra good young bulls. Some extra fine young stallions, among them first prize and champion of Topeka Fair. Also young cows and heifers.  
GROENMILLER & SON, Pomona, Kansas.

**RILEY COUNTY BREEDING FARM.**

Red Polled headed by the last son of Crema Bulls all sold. Percherons headed by son of Casino. Visit herd.  
ED NICKELSON, Leonardville, Kan.

**RED POLLED BULLS**—First-class quality. Greatest combination beef and milk.  
O. K. SMITH, Barnard, Mo.

**Pure-Bred Registered Red Polled Cattle.** Young stock for sale.  
Cedar Valley Farm, Route 2, Leslie, Mo.

**OXFORD DOWN SHEEP**

**OXFORD AND HAMPSHIRE SHEEP.** O. I. C. Hogs, Choice Rams, Bred Sows from show stock. Bargain prices. Hogs immunized, double treatment.  
W. W. WALTMEYER & SONS, Peculiar, Mo.

**BROWN SWISS CATTLE.**

Attractive prices on both males and females; calves, yearlings and two-year-olds. Write your wants.  
DAHLEM & SCHMIDT, El Dorado, Kansas.

**AUCTIONEERS.**

**LAFE BURGER**

LIVE STOCK AND REAL ESTATE AUCTIONEER  
Wellington Kansas

**FRANK J. ZAUN**

Fine Stock Auctioneer Independence, Mo. "Get Zaun, He Knows How."  
Bell Phone 875 Ind.

**F. E. McFADDEN, HOLTON, KANSAS.** Live Stock and General Farm AUCTIONEER

**R. L. HARRIMAN**

Live Stock Auctioneer. Write for dates, terms, etc. Address, Bunceton, Missouri.

**Col. C. A. HAWK** Live Stock and General Auctioneer.  
Effingham, Kansas.

**John W. Miner** Live stock auctioneer. Give me Reserve, Kansas. a trial.

**J. A. MORINE, GENERAL AUCTIONEER.** Pure-bred Live Stock a Specialty.  
Box 155, Lindsborg, Kansas.

**Col. C. M. Scott** Live Stock and General Auctioneer  
Hiawatha, Kansas

**COL. J. E. MARKLEY** Fine Stock and General Auctioneer  
Powhattan, Kansas.

**Col. Jesse Howell** Live Stock Auctioneer. Write or wire for terms.  
Herkimer, Kansas.

R. A. Gilliland, of Mayetta, Kan., is now offering some very choice young Jersey bulls. They are all nice thrifty fellows and show excellent type. Mr. Gilliland writes that he is very proud of their dams. He has kept some records and feels confident that the cows will make from 400 to 500 pounds of butter in a year with just ordinary care. He says that all have large square udders with good teats. These are characteristics that are very desirable to reproduce and bulls inheriting them from their dams are likely to transmit these characteristics to their female offspring. Mr. Gilliland says any purchaser can have his money back if he does not find the bulls exactly as represented. At the prices he is placing on them he should find ready buyers.

**Frost's O. I. C's.**

Breeders or farmers on the market for O. I. C. breeding stock of the herd-improving class cannot afford to overlook Frost's O. I. C's. This herd has a record for producing prize winners that is equalled by few herds now in existence, which record dates back to the St. Louis World's Fair, and the winnings of this noted herd in that great show have seldom if ever been equalled. Since that time the Frost show herd has always captured a large share of ribbons wherever shown, and their show herds are always made up of individuals from their own breeding. Their breeding herd is composed entirely of descendants of prize winners. They select for breeding stock only herd improvers, which accounts for the fact that breeding stock from their herd always makes good. Look up their card and write them for prices and descriptions. They are making prices to sell quick. Please mention Kansas Farmer when writing.

Nov. 4—E. M. Wrayde, Burlington, Kan.  
Nov. 11—J. H. Lomax, Leona, Kan.  
Nov. 12—Harry Wales, Peculiar, Mo.  
Feb. 2—John Kemmerer, Mankato, Kan.  
Feb. 5—Louis Koenig, Solomon, Kan.  
Feb. 9—I. E. Knox, South Haven, Kan.  
Feb. 10—E. D. Frazier, Drexel, Mo.

**O. I. C's.**  
Oct. 1—Alvey Bros., Meriden, Kan. Sale at Fair Grounds, Topeka, Kan.  
**Mulefoot Hogs.**  
Oct. 1—Ernest E. Graff, Rosendale, Mo.

Attention is called to the card of W. T. Hammond, of Sunny Slope Stock Farm, Portis, Kan. He is offering a choice lot of yearling Shropshire rams at \$15 each, and they are bargain. He is also pricing high-quality Poland China spring pigs at from \$20 to \$25. They are bred tight and are a choice lot. Write for description and pedigrees, mentioning Kansas Farmer.

Attention is called to the change in the card of O. R. Strauss, of Milford, Kan. Poland China breeders should get in touch with him. He is offering Ell and spring boars sired by Model Wonder and Blue Valley Chief, two of the good Poland China sires. Write him for prices. Please mention Kansas Farmer when writing.

Attention is called to the change in the card of Arthur Patterson, of Ellsworth, Kan., owner of Crystal Springs Farm herd of Durocs. He is offering a high-class herd boar that should go to the head of some good herd, as he is not only a good individual bred right, but is a fine breeder. Mr. Patterson cannot use him, as he is keeping a large number of his gilts in his herd, and is pricing him to sell.

**Place to Buy Choice Holsteins.**

Anyone wanting strictly high-class registered or high-grade Holstein cows or heifers should get in touch with Ira Romig, Station B, Topeka. He is offering a choice lot at reasonable prices. He also has a number of choice young bulls for sale. Write him for prices and descriptions. Please mention Kansas Farmer when writing.

**Riley & Son's Spotted Poland Sale.**

Farmers and breeders interested in the old original big-boned spotted Poland should arrange to attend the sale of J. O. Riley & Son, of Cainsville, Mo., October 8. They have one of the greatest herds of this popular breed in existence and their offering this year is one of the best of any breed that will be sold at public sale. They have the best blood of the breed, including Spotted Boy, Billy Sunday, Cainsville Boy, Lucky Judge, Brandywine, Clipper, Lamar Chief, Good Enough, Lineville Chief and Clifton breeding. Send at once for catalog and arrange to attend this sale. Please mention Kansas Farmer when writing.

**Tattarrax Immune Durocs.**

The attention of Duroc breeders is called to the change in the card of Buskirk & Newton, of Newton, Kan., owners of the noted Tattarrax herd of Durocs. They are offering 200 head of spring gilts in lots to suit customers, from one to a carload. They also have a lot of choice boars. This offering was sired by the noted boar of this herd, Tattarrax, G. M.'s Tat Col. Graduate Col. and Good Enough Again King. They have recently immunized their entire crop of spring pigs and breeders will find a very desirable offering. Write them for prices, mentioning Kansas Farmer.

**New Knoxville, Ohio.**

Sept. 17, 1914.  
Kansas Farmer Publishing Co., Topeka, Kan.  
Gentlemen: Please insert in your next week's issue the enclosed "ad" and send me bill for same.  
Your paper, among nine others, brought most inquiries to my ad in June last.  
GEORGE W. HALL.

**W. J. Harrison's Durocs.**

The attention of Duroc breeders is called to the card of W. J. Harrison, of Axtell, Kan., owner of Mayflower Ranch and a fine herd of Duroc Jerseys. Mr. Harrison is offering choice February boars sired by Harrison Boy by Goldenrod King, a boar that weighed 600 pounds in ordinary breeding condition. These young boars are out of big high-quality dams carrying the best blood of the Duroc breed. Monarch Model Jr. by Monarch Model is another good sire in use in this herd and farmers or breeders wanting high-class Durocs should get in touch with Mr. Harrison. They will find quality and prices right. Look up his card and write him your wants. Mention Kansas Farmer.

**Ribbons for Mulefoot Hogs.**

The American Mulefoot Hog Record Association is displaying a great deal of enthusiasm in advancing the interests of this breed. President Dunlap of the Association has made arrangements to offer an elaborate purple ribbon for the champion Mulefoot boar and the champion Mulefoot sow at every show held in the United States and Canada during the year. This offer includes shock shows of any kind where this breed is shown. The only requirement for competing for the ribbon will be that the hogs be recorded in the American Mulefoot Record.

**Sullivan Bros.' Polands.**

Attention is called to the change in the card of Sullivan Bros., of Moran, Kan. Their Poland Chinas have attracted unusual attention this year at the county fair. At Iowa one of their show boars won first in class, championship under eighteen months, and reserve grand championship. They are offering a choice lot of boars and gilts of March and April farrow. This lot was sired by Nobleman 2d and Long King's Equal 2d and are out of the best sows in their great herd. They can furnish pairs or trios not akin. Get prices and descriptions. They will interest you if you want Polands with size and quality. Please mention Kansas Farmer when writing.

**Reed's Choice Durocs.**

Attention is called to the ad of John A. Reed, of Lyons, Kan., owner of one of the very high-class herds of Durocs. His herd is headed by B. & C's Masterpiece, a choice two-year-old son of old B. & C's Col., the \$1,000 boar and grand champion of Iowa, Nebraska and Illinois. Masterpiece is a great individual and will weigh 300 pounds in service condition. He has one of the great brood sow herds now assembled, all of royal blood, being daughters and granddaughters of grand champions on both the dam and sire sides. At present he is offering sixty head of spring boars and gilts, one litter of ten pigs out of Miss Superba by old Superba, the boar that sold for \$3,000. He will also sell some tried sows and fall gilts. Write for prices, mentioning Kansas Farmer.

**Ben Frank's Polands.**

Ben Frank, of Jefferson City, Mo., one of the leading breeders of that state, makes a specialty of Shorthorn cattle, Poland China hogs, Barred Plymouth Rock chickens and Scotch Collie dogs. He is now offering a choice lot of Polands at very attractive prices. His herd is headed by Improvement by Impudence and out of the \$2,500 sow, Inside Pocket. He is from a line of prize winners and was champion at the Iowa State Fair. He has size and quality and has few equals as a breeder. Another boar in use in this herd is Gunfire Meddler by Meddler 2d and out of Water Pearl. This boar is from the family that is conceded to be the greatest winners of any of the breed. Write for prices and descriptions, mentioning Kansas Farmer.

**Double Standard Polled Durhams.**

Admirers of hornless cattle will be interested in the announcement by D. C. Van Nice of Richland, Kan., whose card appears in this issue of Kansas Farmer. This herd comprises a rare collection of the choicest specimens of the breed of double standard Polled Durhams, a breed of cattle rapidly growing in popularity with farmers who recognize in this type of all-purpose cattle the desired points of excellence found in the grand old breed of Shorthorns, with the additional advantage of being hornless; eligible to record as Shorthorns as well as Polled Durhams. Mr. Van Nice will have on exhibition at the Topeka fair next week a small herd of his cattle and we ask our readers to please inspect this herd of hornless cattle and when writing Mr. Van Nice about his herd, kindly mention Kansas Farmer.



**Col. Floyd Condray.**

The above is a picture of Col. Floyd Condray, of Stockdale, Kan., one of the successful pure-bred live stock auctioneers of this state. Colonel Condray is not only a good judge of stock, but is a judge of values. He has made a careful study of the business of selling pure-bred stock and sells for the best breeders in the state. He has a large number of fall and winter sales booked for the coming season. Write him for open dates. Please mention Kansas Farmer when writing.

**Jacob Sparks Offers Bargains.**

Anyone wanting either black or spotted Poland Chinas should investigate the offering of Joseph Sparks, of Pattonsburg, Mo. Mr. Sparks owns one of Missouri's noted herds of big-type Polands. His offering for the fall trade this year consists of a choice lot of big-bone, big-type, high-quality boars, the choice individuals of his large number of spring pigs. Some of them were sired by the splendid herd boar, Blue Valley by Blue Valley Ex, and out of the noted Lady Elmrose. Others were sired by Spotted Giant, one of the great sires of the spotted breed. He also has some good ones by Good Enough, one of the great boars of the H. L. Faulkner herd. A large per cent of these boars are daughters of Missouri Prospect and out of the great sow, Lady Jumbo 1st. Others are out of daughters of Pawnee Chief. Mr. Sparks is selling stock very reasonably. Write for prices and descriptions, mentioning Kansas Farmer.

**Lomax's Polands and Jerseys.**

Dr. J. H. Lomax claims November 11 as the date of his annual fall sale of Poland Chinas. On that date he will sell one of the best lots of big-type Poland China boars and gilts that breeders and farmers will have a chance to buy this year. He has selected 40 head of the tops of his large number of spring pigs for this sale, and breeders can depend on finding a very high class offering. They were sired by Croner's Expander, a great young boar by Panorama. Croner's Expander is one of the big, high-quality kind, and is proving to be a breeder of real merit. The dams of the offering are a great lot of Expansion's Son, Big Hadley's Likeness, Big Jumbo and Grand Look sows. Mr. Lomax also owns a very high-class herd of Jersey cattle. His herd is headed by Imported Sultan's Trinity King by Western King, dam Sultan's Happiness by Trinity's Sultan, by Noble Sultan. This herd under the management of W. S. Dennis is making a fine record this season. Thirty-five cows and heifers of the herd will freshen during the next three months. Mr. Lomax has filled his 155-ton silo on his well-equipped farm near Leona, Kan., and has an abundance of alfalfa hay, and his Jersey herd is paying the running expenses of the entire farm.

**Ware & Son's Big Polands.**

P. L. Ware & Son, of Paola, Kan., well known Poland China breeders, have a very desirable offering for the fall trade, and Poland China breeders should not overlook their herd in selecting breeding stock. Their spring pigs were sired by such boars as Miami Chief, O. K. Lad, Mac's Wonder by Expansion Wonder, Wedd's Long King and Missouri Metal. They are out of a lot of big, high-quality, prolific sows by Big Hadley, Young Hadley, Miami Chief, Wedd's Expansion, Big Logan Ex and Dan Hadley. Write them for prices and descriptions, and please mention Kansas Farmer.

**Mt. Tabor Poland Chinas.**

J. D. Willifong, owner of the Mt. Tabor herd of Poland China hogs, starts in this issue a card offering his spring crop of pigs for the next sixty days at bargain prices. This herd now comprises about 300 head, sired by some of the best boars of the breed. Of the spring pigs 150 are by Big Mogul, a son of Mogul's Monarch. The dams are of Expansion breeding. Non-related pairs and trios can be furnished, as there are pigs from four different boars to select from. Mr. Willifong is offering bred sows and gilts also. He recently purchased a new herd boar from the well-known big-type herd of W. H. Charters, Jr., of Butler, Mo., so he can supply the best of new blood to former customers. This herd is well stocked and hogs will sell at bargain prices for the next sixty days. Write Mr. Willifong, mentioning Kansas Farmer.

**HEREFORD CATTLE**

**HEREFORD COWS**, 3 to 7 years. Bull calves, a bargain. Durocs, both sexes. Black registered Percheron yearling stallion, weight 1,300.  
M. E. GIDEON, Emmett, Kansas.

**ANGUS CATTLE**

"BLACK DUSTER" heads our herd of richly bred cows. Choice cows with calves at foot and re-bred. Also young bulls. Berkshires.  
GEORGE McADAM, Holton, Kan.

**DUROC JERSEYS**

**TATTARRAX HERD DUROCS**

Two hundred spring gilts, in lots to suit customer, from one to a carload. Also choice boars. Entire spring crop immunized. Pigs by Tattarrax, G. M.'s Tat Col. and Kansas Col. by Cherry Col. and Tippy Col. Come and see our herd.  
BUSKIRK & NEWTON, Newton, Kansas.

**Durocs of Size and Quality**

Choice boars and gilts. Pairs, trios and young herds unrelated. B. & C's Col., Superba, Defender, Perfect Col., Good E. Nuff and Ohio Chief blood lines. Description guaranteed.  
JOHN A. REED, Lyons, Kansas.

**DUROC JERSEY BOAR PIGS**—Right in breeding and individuality. Write for prices and descriptions.  
W. J. HARRISON, Axtell, Kansas.

**MARSH CREEK DUROCS**—Boars for the farmer and stockman. Immuned, best of breeding, good individuals. Write for descriptions and price.  
R. P. WELLS, Formoso, Kan.

**FANCY DUROC BOARS AND GILTS.** Fall boars by Smith's Graduate by J. R.'s Col. by Graduate Col., out of best sows. Choice lot of gilts by J. R.'s Col. bred for June litters to Gold Medal. Priced for quick sale.  
J. B. SMITH, Newton, Kansas.

**Choice Durocs All Ages**

Duroc spring boars and gilts, fall gilts, yearling sows to farrow in September and October. A choice offering priced reasonable.  
ENOCH LUNDGREN, Osage City, Kansas.

**BON ACCORD DUROCS**

Nice lot of spring boars, including a good herd headed out of the grand champion sow, Model Queen.  
LOUIS KOENIG, SOLOMON, KANSAS.

**DUROC BARGAINS**

Sixty-five head April pigs, both sexes. Booking orders for fall pigs. Herd boars and show stock a specialty. Priced to sell quick.  
N. D. SIMPSON, Bellaire, Kan.

**ALFRED'S DUROCS**—Boars, all ages, by Tattletale's Volunteer, Pilot Chief Col., Monarch Chief, the 1,200-pound litter mate of the great Superba. Priced for quick sale. Write for descriptions and prices.  
S. W. ALFRED & SONS, Enid, Okla.

**HERD BOAR FOR SALE**—Bull Moose Col. 13255 by King the Col. and out of a Proud Chief Jr. sow. Cannot use him longer. Price, \$50.00.  
ARTHUR A. PATTERSON, Ellsworth, Kan.

**CHOICE DUROC BOARS.**

Big, growthy, heavy-bone pigs. Such blood lines as Crimson Wonder, King the Col., High Col., Col. S. and Ohio Col. Herd boars, Good Enough Model 2d and Col. King. Write for prices.  
J. D. SHEPHERD, Abilene, Kan.

**GOOD ENUFF AGAIN KING**

The Grand Champion of Kansas, 1913. Crimson Wonder 4th, a second prize boar. We have a number of herd boars for sale reasonably.  
W. W. OTEY & SON, Winfield, Kansas.

**HAMPSHIRE HOGS**

**Hillwood Hampshires**

The prize winning herd —13 big, high-class fall boars—14 big, high-quality fall gilts—130 choice spring pigs. All sired by our great herd boars, out of big, high-class dams. All immunized. Satisfaction guaranteed. Write for prices and pedigrees. Both are right.  
J. Q. EDWARDS, Smithville, Mo.

**ECLIPSE FARM HAMPSHIRE.**

Bred sows, spring and summer pigs for sale. A. M. BEAR, Medora, Kansas.

**BRED Gilts, serviceable boars, January and February pigs.** Best breeding, well marked. Singly, pairs and trios. Satisfaction guaranteed. Prices reasonable.  
S. E. SMITH, Route 5, Box 15, Lyons, Kan.

Attractive prices for a few choice bred sows and bred gilts bred for September and October litters. 200 spring pigs, pairs or trios, reasonable.  
F. C. WITTOFF, Medora, Kansas.

**BERKSHIRE HOGS**

Large English BERKSHIRES  
Choice bred sows and gilts; fall farrow. Choice pigs sired by prize winning boars, either sex.  
H. E. CONROY, Nortonville, Kansas.

# JERSEY LAWN HERD

FOR SALE—Fifty head of young cows and heifers. Prices, \$75 to \$125. Also a few choice young bulls by Stockwell's Fern Lad, first prize bull at American Royal, 1913. **J. B. Smith, Platte City, Mo.**  
Ten Miles East of Leavenworth, Kansas.

## HOLSTEIN CATTLE

### 26 Head - Registered Holstein Cows - 26 Head

All have A. R. O. records; A. R. O. dams or grand-dams. Two years old and up. Nearly all fresh in next three months. All bred to grandson of Pontiac Korndyke. Will sell one to fifteen of these, buyer to have the pick of the herd, \$150 to \$600. Four-year-old herd bull for sale cheap, a grandson of Pontiac Korndyke; gentle, sound, sure breeder, seven-eighths white. Have thirty of his daughters to breed and must change bulls. All these will be given an A. R. O. test when they freshen. On bull will consider a trade for span of young draft mares or registered Holstein heifers or heifer calves. Also have three young bulls five and six months, nothing older, A. R. O. dams or granddams.  
**S. W. COOKE & SON, MAYSVILLE, DE KALB COUNTY, MISSOURI.**



## HOLSTEIN CATTLE

Purebred Registered  
Our Advanced Registry of milk and butterfat records shows that we have 22 cows each with productions of above 775 pounds butterfat or 1093 pounds of butter for the year. All other breeds together cannot show that number of cows with records of equal production. Of all that is being done for the advancement of the dairy industry, nothing exceeds in value the work of the testing associations. The records made so much to prove the supremacy of the Holstein cow as a milk and butter producer. For facts send for FREE Illustrated Descriptive Booklets.  
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## BONNIE BRAE HOLSTEINS

I am offering both registered and high-grade cows and heifers, also bulls.  
**IRA BOMIG, Station B, Topeka, Kansas.**

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BULL CALVES FROM A. R. O. COWS. Sired by Sir Korndyke Imperial 53682. Calves suitable for heading registered herds.

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For Sale—A herd bull, also choice bull calves. Prices very reasonable. Write today. These bargains will not last long.  
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**SUNFLOWER HERD** offers good young bull sired by son of Pontiac Hengerveld Parthenia (62 A. R. O. daughters) including Agatha Pontiac, 36.9 lbs. butter 7 days. Dam, Lady Jane Eyre, 19.08 lbs. butter 7 days. Ready for light service. Priced right, guaranteed to please.  
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**ADVANCED REGISTRY HOLSTEINS.** Forty-two cows and heifers in herd average over 30 pounds A. R. O. Young bulls for sale and a few cows and heifers. We have been breeders for 30 years. Correspondence and inspection invited.  
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**CORYDALE FARM HOLSTEINS** Headed by Jewel Paul Butter Boy, Reg. No. 94245. Five choice registered bulls, ages 4 to 9 months, from large richly bred cows with strong A. R. O. backing. Nicely marked. Splendid dairy type. Reasonable prices.  
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**Choice HOLSTEIN Cows** Well bred cows, two-year-old heifers and 25 choice heifer calves, all good colors. Prices reasonable.  
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**GOLDEN BELT HOLSTEIN HERD.** Prince Hadria at head of herd. He has 26 A. R. O. sisters, 21 brothers and several daughters. Extra choice young bulls for sale out of 600-pound A. R. O. dams. Farm near town.  
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**SHADY GROVE HERD.** Four choice bred young bulls from high record dams. Also 3-year-old herd bull. Inspection invited.  
**G. F. MITCHELL, Holton, Kan.**

**Choice Young Bulls** from record cows. Herd headed by son of Buffalo Aggie Beets, world's second greatest 3-year-old.  
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GRANDVIEW, MO.  
Western Home of  
**RALEIGHS & EMINENTS**  
Bull Calves, \$35.00 and up, and some Bred Females.

**ALPHA DELL FARM JERSEYS.** Headed by grandson of Golden Fern's Lad out of line-bred Sophie Tormentor dam. Stock for sale at close prices.  
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**Public Sale October 8.** Will sell 15 head high-grade Jersey cows, five fresh in October; all bred to Fontaine's Valentine. Write for descriptions.  
**W. E. Linton, Denison, Kan.**

**SUNFLOWER JERSEYS,** headed by Imp. "Castor's Splendid," mated with real working cows. Choice young bulls of serviceable age.  
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**TWO JANUARY BULL CALVES.** Out of high producing dams; Flying Fox and Golden Fern's Lad breeding; for sale at very low prices.  
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**R. J. LINSCOTT :: :: HOLTON, KANSAS.**

**REGISTERED JERSEYS.** Butter-bred bull calves from heavy producing cows, priced right.  
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## SHROPSHIRE SHEEP

### ELLIOTT'S SHROPSHIRE

Choice two-year-old and yearling rams, sired by imported Buttar ram. Also choice ewes, will be bred to imported ram. Prices reasonable. Satisfaction guaranteed.  
**J. W. ELLIOTT, Polo, Mo.**

### Doyle Park Shropshires

Fall is here and so are we with a choice lot of registered Shropshire rams. If you need one, write us for prices.  
**DOYLE PARK STOCK FARM, O. A. Homan & Son, Peabody, Kansas.**

### 1894 SMALLEY'S SHROPSHIRE 1914

We offer one and two-year-old registered Shropshire rams of the best breeding and individual merit. Genuine stock header material.  
**M. W. SMALEY & SONS, Blockton, Iowa.**

**Shropshire Yearling Rams,** \$15 each. Poland China Spring Figs, \$20 to \$25 each.  
**W. T. Hammond, Sunny Slope Stock Farm, Fortis, Kansas.**

**SHROPSHIREs,** closing out cheap. Thirty head, including ewes, lambs and imported ram.  
**B. B. Johnson, Route 2, Springfield, Mo.**

**H. C. Glissman's Holstein Sale.** Attention is called to the sale of H. C. Glissman, of Omaha, Neb., which sale will be held October 19 and 20. Mr. Glissman will sell 150 high-grade Holstein cows and twenty-five registered Holstein cows, heifers and bulls, including Kado Gerben, the best son of Katy Gerben, the best advertised cow in the corn belt. Catalogs ready about October 10. Send your name now to H. C. Glissman, Station B, Omaha, Neb., and you will receive catalog.

**Colonel Burger Booking Dates.** Col. Late Burger, the well known auctioneer of Wellington, Kan., has renewed his card in Kansas Farmer and will pay special attention to the pedigree live stock sales. Colonel Burger has been in the auction business for more than fifteen years and has made sales for some of the best breeders in the corn belt states. If you want an able auctioneer for your next sale, write to Colonel Burger. His business card appears regularly in Kansas Farmer and his address is Wellington, Kan. Kindly mention Kansas Farmer when you write.

**Laptad's Combination Sale.** Attention is called to the sale of Fred G. Laptad, of Lawrence, Kan. On October 15 Mr. Laptad will sell twenty-five head of Poland and twenty-five head of Durocs. The entire offering is immunized and they are a fine growthy lot. On both Polands and Durocs he has the best big-type high-quality breeding to be had, and farmers and breeders will make no mistake in buying breeding stock from this herd. Send at once for catalog. Please mention Kansas Farmer when writing.

**Alfred & Son's Duroc Bargains.** Attention is called to the card of S. W. Alfred & Sons, of Enid, Okla., owners of one of the best herds of Durocs in the West. They are offering a select lot of boars, all ages, at bargain prices. These boars were sired by such boars as Tattletale's Volunteer, Pilot Chief's Col., Alfred's Col. and Monarch Chief, the 1,200-pound litter mate of the great Superba. If you want improvers of the best blood of the breed, write them at once for prices. Please mention Kansas Farmer when writing.

**Ennis Farm Bargains.** We again call the attention of our readers to the advertisement of the Ennis Farm old original big-boned spotted Polands. That section of Missouri has suffered greatly from the drouth and Mr. Ennis has an obligation which must be met in September. In order to be sure of meeting this obligation he is making a special price on spring pigs and gilts bred for fall farrow. These hogs are of the best of Spotted Poland breeding, well developed, and offered at about half their value. This is a chance of a lifetime to get started in the Spotted Poland business at a low cost, or to secure new blood for a herd already established. They have issued a neat circular describing their herd, which they will be glad to send to anyone on request. Write The Ennis Farm, Horine Station, Mo., and mention this paper.

**Permanent Farm Improvements.** "Permanent Farm Improvements" is the title of a very attractive little booklet that has been issued by the Ash Grove Lime & Portland Cement Company. This book is revolutionary in many ways. It is profusely illustrated, and would be an excellent addition to any library, not only because of its illustrations and educational features, but because it also has complete instructions on the uses of cement on the farm. These uses, of course, are interesting to all farmers, and the book is really a text book, educational and instructive, on cement and its uses. The Ash Grove Lime & Portland Cement Company will be glad to send this book free of charge to any of our subscribers who will drop them a line and mention Kansas Farmer. The book contains 112 pages. Address them, the Ash Grove Lime & Portland Cement Company, 703 Grand Avenue Temple, Apartment H, Kansas City, Missouri.

**A Great Hampshire Offering.** Anyone interested in Hampshire hogs should read the ad of Ray E. Fisher, of Winside, Neb., owner of one of the great herds of the breed now assembled. On November 13 at Wayne, Neb., Mr. Fisher will sell forty head of carefully selected fall yearling and spring boars, ten choice fall gilts, and a lot of spring gilts of extra quality. The best blood of the Hampshire breed is represented in this offering, which will include some outstanding herd header prospects. Mr. Fisher's herd is noted as one of the heavy winners at all the big fairs and this year they have added a long list of winnings in strong shows at St. Joseph, Des Moines, Lincoln and Topeka. This herd won nineteen firsts and championships at Topeka this year, with strong competition in every show. This was the greatest number won by any exhibitor of any herd of hogs. It will be to the interest of anyone wanting Hampshires that will make good to look up the winnings of this great herd and send at once for a catalog. Remember the sale will be held at Wayne, Neb. Address Mr. Fisher at Winside, Neb., for catalog, kindly mentioning Kansas Farmer.

**Electric Lighting Developed in Kansas.** Electric farm lighting has been given a tremendous boost in Geary County by the inventions of R. B. Fegan & Company, of Junction City. More than 100 of the company's lighting plants have been installed in the county. The simplicity and cheapness of these, together with the satisfactory installation of electric lighting, has resulted in all the business it could possibly handle. The facilities of the company have recently been increased and are now such as will permit the installation of plants within a radius of 300 miles of Junction City. The Fegan lighting systems will be sold direct to the users by farmer agents.

Mr. Fegan, the head of the company, is a former Columbia University student and electrician of eighteen years' experience. An engineer of the Armour Institute, Chicago, recently made an examination of one of the Fegan plants, with the idea of suggesting improvements. In his report he suggested no improvement, but said: "I find, after a thorough examination of the R. B. Fegan & Company's lighting plant, that it is the most simple, compact and efficient small plant I have examined." The company is thoroughly reliable and has enthusiastic testimonials of those farmers of Geary County for whom plants have been installed. They say that the plants are thoroughly practical, easy to run, economical, and that the plant is just as the company guarantees it.

**Shorthorn Heifer Bargains.** Dr. W. C. Harkey, of Lenexa, Kan., writes us that he is practically sold out on young Shorthorn bulls but is offering an exceptional bargain in six young heifers and

**RILEY'S THIRD ANNUAL SPOTTED POLAND HOG SALE.** Cainsville, Missouri, October 8, 1914. Our herd has blood of Spotted Boy, Billy Sunday, Cainsville Boy, Lucky Judge, Brandywine, Clipper, Lamar Chief, Good Enough, Lineville Chief and Clifton. Send for catalog.

## POLAND CHINAS

### FRAZIER'S BIG POLANDS

Fifty choice spring boars for farmers and breeders. Will not hold a fall sale. Will offer my best boars and a few gilts at very reasonable prices. One fall boar. Can furnish pairs or trios. Herd boars, Frazier's A Wonder and Expansion Hadley. Come and see me.  
**E. D. FRAZIER, Drexel, Missouri.**

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Begin Where I Quit. Have been breeding Poland Chinas ever since I was large enough to carry a swill pail. You can get the results of my years of experience and efforts at once. Herd boar, eight high-class brood sows, 60 to 85 head of pigs from 40 to 200 pounds. Prefer to sell herd as a whole, but will sell individually. Come and see them. All are immune.  
**W. B. VAN HORN, Overbrook, Kansas.**

**MT. TABOR HERD POLAND CHINAS.** Pairs not related, set of four-boars, 150 spring pigs by Big Mogul, son of Mogul's Monarch, out of Expansion dams. Bred sows and gilts, four yearling boars. Bargain prices next sixty days.  
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**DODSON'S BIG SMOOTH KIND.** Herd boars Sunny Colossus, Orange Chief, mated to sows with size and quality. Bred sows and spring pigs. Prices right. Description guaranteed.  
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### Stryker Bros' Prize Polands

For sale at all times, a choice lot of Poland China hogs and Hereford cattle; show winners. Write us your wants.  
**STRYKER BROS., Fredonia, Kan.**

### BEN FRANK'S POLANDS

One hundred Poland China spring pigs, the big type or the big medium type. I have the hogs and prices to please you.  
**BEN FRANK, Route 3, Jefferson City, Mo.**

### SPECIAL OFFERING

**Big-Boned Spotted Polands.** I must raise \$1,000 in September, and to do so will offer my old original big-boned spotted Poland China spring pigs, either sex, at \$20; bred gilts, \$35. Order at once. Satisfaction guaranteed.  
**THE ENNIS FARM, Horine Station, Mo. (Just South of St. Louis.)**

### Poland Chinas That Please

Fall and spring boars fit to head herds. Sows of all ages, open or will breed. Prices reasonable. Write us your wants.  
**F. L. WARE & SON, Paola, Kansas.**

**COLEMAN'S BIG SMOOTH POLANDS.** 150 in herd. Herd boars, O. E. Lad, Hadley C. Expansion, Price We Know, Mastodon and Mogul sows. Herd has tops from many sales. Choice boar pigs, also Jersey cattle.  
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### Faulkner's Famous Spotted Polands

We are not the originator, but the preserver, of the Old Original Big-Boned Spotted Polands. Write your wants. Address  
**H. L. FAULKNER, Box K, Jamesport, Mo.**

### MOORE & SONS' POLANDS

Choice male pigs by "Choice Goods," a splendid big-type boar of the great Tecumseh family and out of large, prolific sows of best big-type breeding. Very reasonable.  
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### MAHAN'S BIG POLANDS

Have size and quality. Headed by son of Expansive. Sows of unusual size and smoothness. Pigs, either sex.  
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### AMCOATS' POLANDS.

A's Big Orange March Pigs, both sexes, from sows of big-type breeding. Have lots of stretch and good bone; thirty condition, will make big ones. All immune.  
**S. B. AMCOATS, Clay Center, Kan.**

**Pioneer Herd Big-Type Poland Chinas.** Choice lot of sows and gilts for sale, bred for summer and fall litters to the three times grand champion boar, Smuggler S58913, A173859, and Logan Price. Booking orders for spring pigs in pairs or trios. Prices reasonable.  
**OLIVIER & SONS, Danville, Kansas.**

**FEW GOOD FALL BOARS BY PAN LOOK AND FIRST QUALITY.** Dams, sows of Expansion and Grand Look breeding. Spring boars also.  
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### BIG POLANDS—EXTRA QUALITY

Boars and gilts, March and April farrow. Sired by Nobleman 2d and Long King's Equal 2d, out of our best sows. Pairs and trios not akin. Priced right.  
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### SPRING PIGS by Major Jim, Blue Valley Buster, A Jumbo Wonder; out of Gold Metal, Major Jim, Model Look, Big Bone Pete and Whats Ex sows. O. B. Clemetson, Holton, Kan.

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The herd with a record for producing prize winners. Choice breeding stock, both sexes. Priced to sell quick.  
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## LIMESTONE VALLEY FARM

October 20 and 21, 1914?

100 Head of High-Class Jacks and Jennets, including  
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Would like very much to meet you at this great Thirty-Sixth Annual Sale and show you the best lot of Jacks and Jennets ever put through a sale ring. On account of the Army worms and drouth we are forced to make this sale this fall instead of selling as usual in the spring. A great opportunity in this sale for bargains. Special train from Sedalia to Smithton and return each day of sale. Free conveyances from Smithton to farm and return.



Write for fine illustrated catalogue.

Respectfully,

L. M. MONSEES & SONS

Smithton, Pettis Co., Missouri

## RILEY'S SALE OF SPOTTED POLANDS

CAINSVILLE, MO. OCTOBER 8, 1914

Fifty head of tops selected from our large herd. We have the best blood of the breed, including Spotted Boy, Billy Sunday, Cainsville Boy, Lucky Judge, Brandywine, Clipper, Lamar Chief, Good Enough, Lineville Chief and Clifton breeding. Our offering is well grown and in splendid condition to make good as breeders.

If unable to attend sale, send bids to auctioneer or clerk in our care and they will receive careful attention. Send at once for catalog.

J. O. RILEY & SON

Cainsville Missouri

granddam and ten nearest dams of his sire have an average seven-day butter record of 29.76 pounds. Seven of them are 30-pound cows, two over 27 pounds, one over 28, and one over 27.85 pounds at three years. Any one wanting Holsteins that have records behind them should investigate this offering. They will find Cooke & Son reliable. They guarantee every representation they make. Write them for prices, mentioning Kansas Farmer.

### Sutton Farm Berkshires.

For the next ten days "Sutton Farm," Lawrence, Kan., is offering many exceptional bargains in first choice specially selected Berkshires. For fear Kansas Farmer readers will not appreciate the splendid bargains offered it will pay all to read this field note over the second time, study it over, and then sent in an order at once. "Sutton Farm" Berkshires have won practically every prize showed for at the Kansas State Fairs, Oklahoma State Fair, American Royal at Kansas City, and at the International at Chicago, including grand championships on boars and sows, the junior championships, also for get of sire prizes and the silver championship cup for young herd and produce of sow. The boars and sows "Sutton Farm" offers now represent the same blood lines as those of their prize winners at these shows; in fact many of them have the same sires or dams, and at the prices they are quoting they simply can't be duplicated. "Sutton Farm" especially invites you to visit their Berkshire establishment, where will be found 300 Berkshires of the most even type and quality with size, length, smoothness, shortness of head, and the strength of bone that all hog men are trying so hard to produce. There will be found whole litters of pigs weighing 200 pounds each at six months of age, and that their brood sows are producing from eight to twelve pigs to the litter and raising them. Sutton Farm has been breeding and building up this herd for 25 years, and the pigs they offer are the results of their labors. Sutton Farm offers at this time the best lot of boars, sows and young pigs that they ever owned. They are bargains. Boars weighing 50 to 125 pounds, \$15 to \$25; boars weighing 125 to 200 pounds, \$35 to \$50; gilts weighing 50 to 125 pounds, \$20 and \$25; bred sows weighing 200 to 400 pounds, \$35 to \$65; 100 weaning pigs, choice ones, either sex, \$20 each, three for \$50. They also have a few fancy show pigs at higher prices. Sutton Farm has 50 weaning pigs sired by the 1,000-pound grand champion, Duke's Bacon, one of the largest and smoothest boars in the world and that in our opinion will "come back" and be the grand champion of 1914. They quote these pigs to sell now at \$15 for good ones and \$25 for first choice ones. It will pay you, Mr. Hog Breeder, to put some of this seed in your herd, for you can rest assured that by so doing you will produce a wonderful uniformity in your herd at the cost of a very few dollars. Order at "Sutton Farm" boar or sow today so as to be ready to take advantage of the high prices that are sure to prevail for the next few years. We are predicting 10-cent hogs, so recollect this and see how far we missed the mark. Kindly bear in mind that Sutton Farm guarantees satisfaction on a money back proposition. Write Sutton Farm, Lawrence, Kan., your wants, or better still, send them your order today. Kindly mention Kansas Farmer.

### Greatest Holstein Bull in Kansas.

When F. J. Searle, of Oskaloosa, Kan., made his dispersion sale of Holsteins from the well-known Sunflower herd, he did not by any means go out of the Holstein business. He continued his breeder's card in Kansas Farmer and immediately went east to look up more good Holstein cattle. The herd bull is the most important factor in the success of a herd. Mr. Searle went with the idea of selecting and buying a bull order with large records and the highest popular strains of the day. He found his ideal in the Brookside herd in Prince Artis Pontiac Abbekek. The dam of this bull is Tidy Abbekek Princess Bettina, having an official record of 30.13 pounds of butter in seven days, and 617.50 pounds of milk. She was the first daughter of Tidy Abbekek Prince to make over 30 pounds of butter in seven days, and as is well known, five daughters of Tidy Abbekek Prince last winter made records of thirty or more pounds of butter in seven days in less than four months. She is a granddaughter of the old foundation cow, Wavelt Vestal Jewel, granddam of Tidy Abbekek Princess Jewel, 31.70, and Tidy Abbekek Princess Gretel, 32.40. Tidy Abbekek Princess Bettina is also a granddaughter of Paul Wayne DeKol, the grand-sire of Tidy Abbekek Princess Jewel and Tidy Abbekek Princess Pauline, 30.27 pounds of butter in seven days as a junior four-year-old at second calving. It will thus be seen that Tidy Abbekek Princess Bettina has 75 per cent the same breeding as three of the four other 30-pound daughters of Tidy Abbekek Prince. King Pontiac Artis, sire of Prince Artis Pontiac Abbekek, is acknowledged to be one of the most richly-bred young bulls ever produced. One of his three-year-old daughters made 26.60 pounds of butter in seven days and sold for \$1,050 at public auction this spring. His sire was King of the Pontiacs, the only bull to have a daughter make 44 pounds of butter in seven days or to have a two-year-old heifer make over a thousand pounds of butter in a year. King of the Pontiacs' 115

A. R. O. daughters include 28 that have made records ranging from 20 to 28.19 pounds of butter in seven days as two-year-olds. No other sire of the breed has as many 20-pound two-year-old daughters. King Pontiac Artis was from Pontiac Artis, 31.70 pounds seven days, 1,076.91 pounds butter in a year. One of the greatest cows ever developed in the Holstein breed. She was by Hengerveld DeKol and is a full sister to Ponitac Jewel, 30.72 pounds butter in seven days, 992.11 pounds butter in a year. Prince Artis Pontiac Abbekek has a wonderful combination of producing blood in his pedigree. His dam has a 30-pound record herself and has four sisters with records ranging from 30 to 32.40 pounds butter in seven days and others are expected in the near future. His sire has four sisters with records ranging from 30.87 to 44.18 pounds of butter in seven days and only one of these animals was of full age. His grand-sire, King of the Pontiacs, has eleven 30-pound sisters, and his granddam, Pontiac Artis, has a 31-pound record herself and has eight sisters with records ranging from 30 to 33.62 pounds butter in seven days. A splendid individual in every respect, handsomely marked, bred in the purple, Prince Artis Pontiac Abbekek would be a credit to any herd, and Mr. Searle can be congratulated on owning the greatest Holstein bull in Kansas.

When writing advertisers, please mention KANSAS FARMER.

### STATEMENT OF THE OWNERSHIP

and management of Kansas Farmer, published weekly, at Topeka, Kan. Required by the Act of August 24, 1912.  
Editor—T. A. Borman, Topeka, Kan.  
Managing Editor—Albert T. Reid, Topeka, Kan.  
Business Manager—Albert T. Reid, Topeka, Kan.  
Publisher—The Kansas Farmer Company, Topeka, Kan. (A corporation.)  
Names and addresses of stockholders holding 1 per cent or more of total amount of stock:  
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F. W. Barteldes, Lawrence, Kan.  
Known bondholders, mortgagees, and other security holders, holding 1 per cent or more of total amount of bonds, mortgages, or other securities:  
Goss Printing Press Co., Chicago, Ill.  
(Signed) ALBERT T. REID,  
President and General Manager.  
Sworn to and subscribed before me, this 26th day of September, 1914.  
S. H. PITCHER,  
Notary Public.  
(Seal)  
My commission expires March 17, 1915.

### Angus Cattle Information.

With the great revival of interest in the growing of beef on the farms comes increased interest in the pure-bred breeds of beef cattle. It is apparent to everyone who has given the subject any consideration whatever, that only animals of exceptionally good breeding can be successfully used in the production of beef under present-day conditions. In this connection two pamphlets from the Aberdeen Angus Association will be of special interest to the farm beef producer.

One of these pamphlets gives a very concise history of the Angus breed of cattle. This will appeal not only to the partisans of this breed, but to all who are interested in beef production.

The other publication is the third and revised edition of the pamphlet entitled "Supremacy of the Aberdeen Angus Cattle." This pamphlet is profusely illustrated with the many prize winners the breed has brought out and has tabulated results of the fat stocks of this country and Great Britain.

Large editions of both of these pamphlets have been published and every stockman through the Middle West should secure copies of these valuable pamphlets. They are being distributed by Charles Gray, Secretary of the Aberdeen Angus Society, 817 Exchange Avenue, Chicago, Ill.

# Does the Butter in your Can of Cream get Shaved by the Middleman in this Manner on its way to Market?

LESS SHIPPING CHARGES ONLY

Your Can of Cream at a  
**BLUE VALLEY CREAMERY**

LESS  
Extra Middlemen's Expenses in marketing butter and hauling cream under the local creamery system and  
LESS  
shipping charges and middlemen's expense in buying cream under the centralizer system of cream receiving stations and cream hauling wagons.  
Agent's Commission  
Cream Hauler's Salary  
Rent — Fuel  
Drayage to Depot  
Upkeep, wear and tear on wagons and horses and interest on investment in hundreds of duplicate testing outfits and equipments.

Your Can of Cream at a  
**LOCAL OR CENTRALIZER CREAMERY**

The reason Blue Valley Checks are bigger is because our shippers put a tag on their can of cream and drive on down to the depot with it, thereby saving all the expenses of the Middleman.

## The Blue Valley Hand Separator Shipping System

Supposing you take a load of hogs to town and one buyer offers you five or ten cents more per hundred than the others offer. The highest bidder gets the load of hogs, doesn't he? Well, why not sell your cream that way? Why not sell it where you can get the most money for it?

We are in a position to pay you more money because we save the expenses of the middleman system and add it to your cream check. Ours is a direct-from-farmer-to-creamery proposition. No middlemen of any kind. No cream wagon hauling routes. No commission men. No traveling men. You ship your own cream and we send you the cash for each shipment.

Isn't that just what you do with your hogs if the local hog buyer doesn't treat you right? Don't you bunch with your neighbor and ship a carload? We use Uncle Sam as our traveling man and we keep in constant touch with one another.

The average price paid for butterfat under the Blue Valley hand Separator Shipping System is higher than the average price paid under any other creamery system! We will mail literature comparing prices paid under different creamery systems, the figures being taken from official state reports.

What better evidence could be produced that it is the *right* market for the producer? What better evidence could be given that it is the right system for building up the dairy industry?

Besides cutting out all these middlemen expenses we get a quality of cream under our direct shipping system which enables us to make the best butter. It is sold in Blue Valley Trademark packages in the big cities of the country at higher prices than ordinary butter sells for and the farmer gets the cash difference.

We are constantly turning money from the big cities back to the country. We get the money from the consumer in the big city and put it direct into the pocket of the farmer in the country. We help to build up your community more than your local middleman because we turn more money into your community and put the difference right into your own pocket.

Ours is a business system that appeals to business farmers. Our more than 70,000 shippers at our eleven creameries represent the best business element of their different communities because they realize what the extra money on each can of cream means month after month and year after year.

Blue Valley creameries are located in wholesale market centers where there are a number of railroads, thus enabling each creamery to get a large volume of cream within a reasonable shipping distance and serve a large number of cream producers. Creameries are located at Chicago, Ill., St. Joseph, Mo., Indianapolis, Ind., Sioux City, Ia., Detroit, Mich., Grand Rapids, Mich., Hastings, Neb., Parsons, Kan., Springfield, Ill., Clinton, Ill., Cedar Rapids, Ia. Ours is a business creamery system, built up to meet hand separator conditions, thereby paying highest prices for cream.

Yours truly,  
**BLUE VALLEY CREAMERY COMPANY**

## How to Ship Your Cream to a Blue Valley Creamery

### OUR GUARANTEE

You take no risk in shipping your can of cream to a Blue Valley Creamery. You are sure of the money for your cream and our binding guarantee insures the return of your empty can. No farmer has ever failed to get his pay for his can of cream during all the years we have been in business. We are proud, and we think justly so, of this record and it is worth a great deal to the farmer who is looking for a high price cream market and one that is at the same time reliable.

We have thousands of letters on file in our offices from shippers. We will send you copies on application. Each is a glowing recommendation of the Blue Valley System.

Cream is always shipped by baggage or express and low shipping rates have been fixed for 5, 8 and 10 gallon cans. The shipping charge includes the return of your empty can. Ask your local express agent or railroad agent about rates to our nearest creamery. If he can't give you the rates just drop us a postal card and we will see that he is informed. Our wagons meet all trains. Ship on any train that carries express or baggage.

Write for printed shipping tags or use an ordinary shipping tag and address it to the nearest Blue Valley Creamery. Be sure your name and address is on the tag and turn the can over to the transportation company. We will do the rest.

Write today, for our handsomely illustrated and interesting short story, entitled "The Fable of the Cow." It is free for the asking.

Ship a can of cream to us today and try the Blue Valley System. Address our nearest creamery.

Use the Attached Coupon

BLUE VALLEY CREAMERY Co., x-13  
Gentlemen:—Send me Free, copy of "The Fable of the Cow."

Name .....

Address .....

Rural F. D. Route.....