FOR THE IMPROVEMENT

THE FARM AND HOME

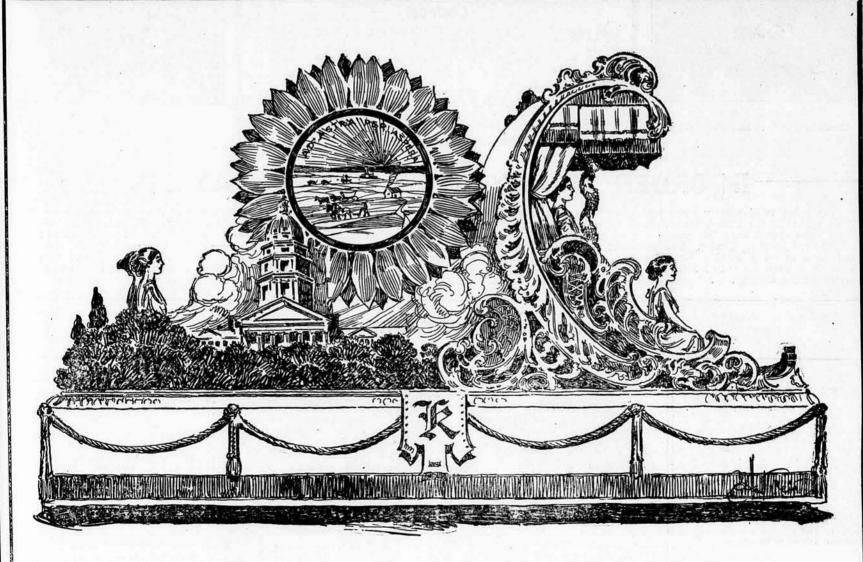
olume 49, Number 38.

TOPEKA, KANSAS, SEPTEMBER 23, 1911. Esta shed 1863. \$1 a Year

S the man with the hoe established civilization, so the man with the plow extended its borders and made a boundary of the horizon.

As destiny turns another page of Kansas history, wrought in toil and bravery and high emprise, the man with the plow celebrates his achievements in the land which nature made fair and he made great.

Not only has he subdued the wilderness, planted his homestead in the desert and reared his family in the great spaces, but he has bent the forces of nature to his will, interpreted the parable of the sower and made each home acre bigger, till it not only holds the pot of gold but the rainbow of promise as well. -I. D. G.



The Great Seal of Kansas. One of the 15 floats designed and built by Albert T. Reid of Kansas Farmer to illustrate the development of the State in Topeka's Semi-Centennial Celebration, September 12, 1911.

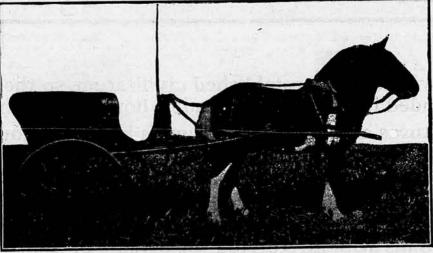
E SHETLAND PONIES FREE

How would you like to have a beautiful Shetland Pony and outfit all for your own, and to get it without costing you a cent? If you would, be sure to read every word on this page. Any boy or girl can get one, and you have just as good an opportunity as anyone else. The KANSAS FARMER is one of the leading farm and home papers in the United States, and if you will write any bank in Topeka, Kan., they will tell you that we will do just exactly what we promise to do. We want you to know that we mean what we say when we tell you that we are going to give away, absolutely free, three beautiful Shetland Ponies, but they are to go only

TO THE BOYS AND GIRLS LIVING IN KANSAS

THE PRIZE PONIES

are little beauties. They are gentle and you can drive, ride or lead them anywhere you please. One of our ponies would sure make you a fine playmate, and they are so cut that, after yow have had one a few days, you would not want to part with it for anything. Just the trick to ride or drive to school. Every boy and girl wants a Shetland' pony because they are so useful, pretty and good. You can certainly have a happy time if you get one of these ponies and outfit. A Shetland pony always makes a fine pet, and they are so loving that they will follow you everywhere you go. But the ponies which we are going to give away are good to mind, and we are sure that the little master or mistress of one of them will think they have the best pony in the world. Be sure to send in your name at once, so you will have a good start to win one of these ponies.



GRAND PRIZE. Shetland Pony, Cart and Harness.

THEIR OUTFITS

THEIR OUTFITS

With the pony, which we will give as grand prizes in this contest, goes one of the nicest outfits that you ever saw, consisting of a cart and pretty black harness that are just dandy. All are made from the best material, and we have spared no time or money in getting this outfit so that it will be bound to please the boy or girl who gets it. The second prize pony has a saddle and bridle so nice that you will never get tired of using them. They will last a long time, and the boy or girl who wins this outfit will spend many happy hours in riding one of the finest ponies any child ever owned. The third prize pony has a saddle and bridle just as good as the second prize pony, only they are just a little smaller because this pony is not so big as the other ponies, but just as good and gentle. Some boys and girls might like a smaller pony better. All of the outfits are new, and we will send each with the pony to the winner without one cent of cost.

SECOND PRIZE Shetland Pony, Saddle and Bridle.

HOW TO GET STARTED.

Begin by clipping out the coupon below, fill in the blanks plainly, and mail it today to the address below. We will then send you full particulars and help you get started. Be sure to mail us the coupon right away, so you will have an early start. You can send it in a letter or write on a rest or a letter or write on a post card.

COUPON

THE PONY BOY, Care Kansas Farmer, Topeka, Kan., 625 Jackson Ave. I would like to become a contestant for one of the three ponies and outfits which you are offering to boys and girls living in Kansas. Please tell me how I can help you boost for Kansas Farmer.

Postoffice....., Kan. R. F. D. No......



THIRD PRIZE. Shetland Pony, Saddle and Bridle.

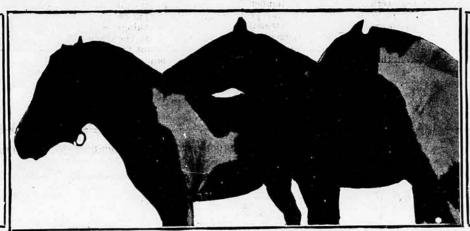
IN ORDER TO ADVERTISE KANSAS FARMER

we are going to give away these ponies, outfits and numerous other prizes in this contest. KANSAS FARMER is one of the best weekly farm and home papers in the United States. Each week it is full of good reading of especial interest to those living in the country and on the farm. Every farm home should have this paper, and we want a number of hustling boys and girls to help us boost KANSAS FARMER. We are going to give all who are hustlers, a prize. The work will not be hard and all of your friends will help you, for everyone likes to help boys and girls who are ambitious to do something for themselves. The contest is limited to the boys and girls of Kansas only, and you have three chances of winning a Shetland pony, instead of one. You live in Kansas. So do we. We believe in Kansas boys and girls and want them to have these ponies and other prizes we are offering prizes we are offering.

DON'T YOU WANT A PONY LIKE ONE OF THESE?

GET AN EARLY START

by sending in the coupon today. Our contest will be short, and it will not be long until the three beautiful Shetland ponies and outfits will be sent to their winners, with all express charges paid. You have just as good an opportunity as any other boy or girl. It does not make any difference in what part of Kansas you live, or how busy you are in school or with your work at home. We want busy boys and girls to help us boost KANSAS FARMER, and the busier you are the better it will be for you. Be sure to send in the coupon right away, so you can get an early start.



NO EFFORTS WILL BE LOST.

Every contestant will be given a prize which will not only please but be useful. Besides the three ponies and their outfits, we will offer a bicycle, gold watches, rifles, cameras, bracelets, fountain pens, knives, post cards, and numerous other articles which every boy and girl would be delighted to get. We will do this so that all of the contestants will receive something nice for their time and efforts. You can't lose. Try you best to win the grand prize and have a beautiful pony, cart and harness all for your own. You can do it. Send in your name at once. You never can tell what you can do until you try.

Address all Letters And Cards to

THE PONY BOY Care KANSAS FARMER TOPEKA, KAN.

KANSAS FARMER

FARMING IN SCHOOL.

While apparently everybody was "for" he public sentiment favoring the teaching of agriculture in the public schools, and while the bill, drafted by State Superintendent Fairchild for this purhed no difficulty in pression had no difficulty in passing the Legislature and becoming a law our law-makers thought wise to change its provisions in one particular, and in so loing have caused some confusion.

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As originally written, this law was the same as it now stands, except that t allowed a year in which to get ready. Agriculture as a common school study a new thing, though why it should be is beyond explanation. Agriculture is the oldest human occupation and the ent foundation of all prosperity, and ust why mankind should have waited hese thousands of years before teaching this one necessary occupation to their

Being new as a school study time was necessary in which to prepare courses of study, text-books and the teachers them-While agriculture is a thing of selves. While agriculture is a thing of daily familiarity with most Kansans, it is doubtful if many of them could succeed in teaching it. Nor is practical agriculture wanted in the public schools. Nature study and the principles which underlie the practice of agriculture and explain them, is needed, and to secure these the teacher must draw largely upon himself, as he now has no textoks and no experience in this line of

teaching.
The effort will be worth while, howver, as there is today no field of human endeavor where the prospects are so good or the rewards so great as those be found in agriculture.

In the attempt to teach agriculture in the common schools of Kansas, there may lie two dangers, if not more. The teacher, through lack of knowledge, experience and text-books, may only suc-eed in driving away any interest which the student may have otherwise ac-quired, and thus defeat the very pur-pose for which this law was passed. On-the other hand, his investigations may show these very congruinities to the show these very opportunities to the teacher in a new and more fascinating light so that he will be tempted to leave the school for the farm. This would be to the individual advantage of the teacher, but to the detriment of the schools, and the schools must be maintained.

One teacher, a principal in a good sized town, coupled his teaching with practical work in his own garden, which consisted of 18 town lots. As his knowledge and interest grew he not only found that he was better able to teach, but that the profits from his little farm were about equal to his income as a teacher. It pays him in two ways to teach agriculture.

34 Upon the question of the emigration of farmers to the towns, State Superintendent Fairchild of Kansas has the best ideas that we have seen expressed. He finds that the prime reason for the farmer's desire to move to town is the lack of social advantages, and this he seeks to remedy in a most simple and satisfactory way. In speaking of this matter, he said:

"The schoolhouse should be the social center of the rural community, and we are going to try to make it such in

"We believe the development of this social idea will do very much towards keeping the farmers and their sons and daughters on the farm. There is no sense in the country schoolhouses standing idle every evening in the year. There is no reason why these school-

houses should not be open three or four nights each week."

This would certainly go a long way towards removing the objection that rural life possesses so few advantages.

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The late grass and forage crops in Kansas are simply wonderful and there is a general scramble among the farmers to the control of the contro ers to secure feeding cattle. This has served to raise the price of these cattle somewhat because of their general scarcity and the general demand in the southward Cattle general demand in the scarcity and the general demand in the southwest. Continuous grain farming is also teaching the farmers that live stock is necessary on the farm, not only in mergency periods such as this, but all the time. Counting the selling price of the animal, the produce in calves, manure and milk, there is rarely a time when money cannot be made on cattle and no long period when they are not profitable.

AURER.

With which is combined FARMER'S ADVOCATE, established 1877. Published weekly at 625 Jackson St., Topeka, Kan., by the Kansas Farmer Company. ALBERT T. REID, President. J. R. MULVANE, Treasurer. S. H. PITCHEB, Secretary.

Edited by T. A. Borman and I. D. Graham.

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PICTURES—Good photographs drawings and along accounted.

PICTURES—Good photographs, drawings and plans are especially solicited. Senders names should always be written on the back of each picture. Kansas Farmer can not be held responsible for any picture submitted, except under special written agreement.

CONTRIBUTIONS—KANSAS FARMER is always glad to have correspondence on all farm, live stock or household subjects. Your name should be signed to all communications and they should always be addressed to

KANSAS FARMER COMPANY, TOPEKA, KANSAS.

FARM EMIGRATION.

Perhaps more than most states Kansas has suffered from the emigration of farmers to the towns, and that this has had a deleterious effect upon the welfare of the state, is generally believed. The farms have suffered by going into the hands of renters on short term leases; the towns have suffered by receiving a large accession to population of men who are not in active business, and the farmers themselves have suffered, in too many cases, by the sudden change from the active, strenuous, out-of-door life to which they have been accustomed, to that of the retired business man with no active business interests beyond that of collecting his rentals.

At least these are the views and opinions held by men who have thoroughly studied this phase of American life and who cite many reasons for their belief. Whether these statements represent the facts in the case or not, the belief that they do is general, and many have been the attempts made to correct them.

It is undoubtedly true that the condi-

tions of rural life can and should be improved, just as the conditions of town and should be improved; and much of such work can be done without any great cost, certainly with no great money cost in comparison with the benefits to be derived.

All such questions as have to do with rural life are properly the subjects of discussion and investigation by the National Conservation Congress, which meets in Kansas City during the last week of September. The officials announce, however, that special attention will be given to soils, and it may be that this subject will be the dominant one. Nothing that makes for the betterone. Nothing that makes for the betterment of farm conditions will be excluded from the discussions in this meeting, but, as the time is limited, only those which are deemed of greatest importance by the officers may find a place on the programme. Of these the soil will be first.

The University of Kansas opened for its forty-sixth session on September 13. In every respect, the coming year promises the normal increase in attendance and it is expected 2500 students will enroll. The faculty has been enlarged and strengthened and the material equipby the erection of the east wing of the College and Administration building.

N N N Aside from financial considerations, the growth of an orchard has a real value in the comfort and beauty which value in the comfort and beauty which it adds to the homestead. A home without trees is a dreary place, where life must be lived in the raw. No parent has a right to deny his children the advantages of such beauty and comfort as may be within his reach. Trees and flowers give this beauty, and they may give added pleasure and profit if they are fruit trees. are fruit trees.

But are the farmers really tired of try-ing to raise fruit, or is the present con-dition the result of too much alfalfa and no time to attend to trees?

THE REAL PROPERTY.

RURAL CHURCH AND SCHOOL.

In commenting upon an address de-livered by a minister before a confer-ence, in which is was stated that the highest type of ecclesiastical statesman-ship would be required to save the coun-try church, the Detroit Free Press thus delivers itself:

"Here is the situation as we see it. The country church is going into decay. Why? Because the farmers can't pay a preacher? No, for they used to keep up the church years ago when all were poor pioneers. So there must be another reason.

"The rural districts have developed and prospered and the thoughts, ambitions and beliefs of the country people have changed, but the preacher is just where he was twenty-five years ago. He has failed to keep pace with the times and the farmers have very quietly withdrawn from attendance upon rural

"'But the gospel is the same yester-day, today and forever, you say. True, the gospel never changes, but the method of its application should change with the people. If the church ever survives or revives in the country it will be under people. the leadership of up-to-date ministers who have let go of old dogmas and creed-

ishness.
"We believe the rural school is in pretty much the same predicament. It is fifty years behind the times. The farmers are not too close to pay tuition fees to have their children schooled in town. They even move to town so as to get close to good schools and churches. That proves they want these things. But here we have a criticism of the farmers, for they should make the rural school and church what it should be. They should pay better salaries and equip better buildings. It would cost more than the out-of-date buildings and apprentice preachers.

"For years the farmers have through necessity lived close within their means. They are now in better circumstances and they should be willing to tax themselves more for better schools and churches. They can have just what they are willing to pay for. You can't get something for nothing, even if you be-lieve 'Salvation is free.'"

If these things are true, then the remedy is in the farmers' own hands. If they are not true, then there are other reasons than those assigned.

No one questions the farmer's right or judgment when he seeks to better his condition. The real question is whether the farmer does better his condition when he rents his farm and moves to town. Of the effect of such a move upon the man himself much has been said and the matter is generally understood, but of the effect of a general stood, but of the effect of a general migration of skilled, trained, useful busi-ness farmers away from the farms and the substitution of renters under the short term lease system so much in vogue less has been said, and it is this phase of the matter which interests these students of rural conditions. Such a conditions as this exists in one of the best counties in Kansas, and that county is no longer the best.

KANSAS HORTICULTURE.

This would seem to be an off year for Kansas apples, although it is better than some, in the percentage of yield. Secretary Wellhouse of the State Horticultural Society reports the prospective crop of apples at 24 per cent, as compared with 62 per cent last year.

The yield of pears for the two years is given as 27 per cent and 42 per cent, respectively. Peaches, 10 and 57, and grapes, 49 and 53, respectively. The secretary adds that the greatest falling off in the apple yield is to be found in the Third Congressional District, and that this is due to the weather conditions and the lack of proper care of the orchards. These facts give rise to two questions: Why should there ever be an off year in the yield of Kansas ap-ples, and have the farmers of this state ceased to care for the apple crop? Some varieties of apples are said to bear only biennially, and yet we are told that, with proper methods of care and cultivation, this tendency may be overcome and these trees caused to bear every year. If this is true, then the question of an off year is well within the control of the farmer and orchardist. If it is not true in this climate, then other varieties may be substituted. Of course, such acmay be substituted. Of course, such accidental conditions as late frosts are not under human control, but their damaging effects may be more or less mitigated by the use of smudge pots.

It would seem, from observation, that Kansas people have lost a part of their enthusiasm, if not their interest, in apple growing. Old orchards are apparently left without care and are rapidly dying out, while new ones are not being planted in such numbers as once charac-terized this state. One old-time orchard-ist even went so far as to say that there is no market here for fruit, and has not been for 20 years.

There would seem to be something wrong, and that Kansas farmers have either made up their minds to do without orchards as a source of revenue and home comfort or that their other farm products are so profitable that they can afford to buy such imported fruit as

they need, rather than go to the trouble and expense of raising it.

The real facts are that the orchards of the state do not receive the care they should have. Other crops will not yield profitably without care, and why should the orchard be expected to do so? Horticulture is refined agriculture. Its methods, like its products, require more methods, like its products, require more skill, knowledge and training than any other farm operations except live stock breeding. The market is here, and it is steady and good, and the possibilities in fruit growing have not yet been ap-

FARM BEEF MAKING.

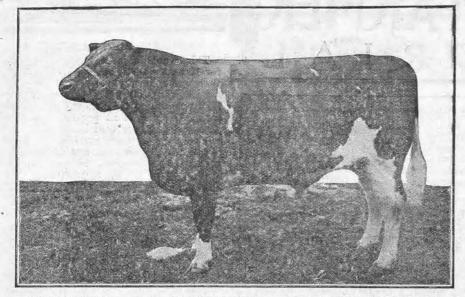
Another phase in western farm economy which is pressing for solution has to do with our future beef supply. The ranges are rapidly going out of busi-ness, for the double reason that the settlers have so encroached as to reduce the available area, and because the class of beef formerly produced on the range is no longer in demand.

In the present range country from 30 to 40 acres is required for the support of one steer, and it is stated that this same land will support at least 10 people when placed under cultivation.

These conditions force the production of beef upon the farms, and perhaps no more important subject for study is pressing upon the American farmer. Breeding and feeding market cattle may, and probably will not be conducted upon the extensive scale of former years, but each farmer will raise a small number which, in the aggregate, will satisfy all market requirements. And then there will come the necessity of breeding better animals, as these only will be profita-ble under farm conditions, and this, in turn, will mean a better quality of beef on the market.

Scientific methods of farming go hand in hand with scientific methods of stock breeding, and it is up to the farmer who has already adopted the former to adopt the latter, as well.

Poultry experts claim that the ordinary hen averages only eighty eggs per year, whereas she ought to lay at least one hundred and fifty. That is, she ought to lay twice as many eggs as she does now. The aim of the fancy poultry man now. The aim of the fancy pourtry man has always been to increase egg production and he is succeeding to a great exten, for the two-hundred-egg a year hen is now no longer a rarity.



IMPERIAL VICTOR. FIRST PRIZE 2-YEAR-OLD SHORTHORN BULL. TOMSON BROS. DOVER, KANSAS.

Kansas has marked the fiftieth milestone of her history by holding the greatest exhibition of her many resources that was ever brought together within her borders. Crowds assembled from all parts of the state to attend her great State Fair and participate in the festivities incident to the celebration of the state's birthyear.

Although not the first big event of the week, the great pageant celebrating the Kansas Semi-Centennial, which was held on Tuesday evening, was one of the most important. This parade, which was more than a mile in length, marched down the length of Kansas avenue amid the blaze of electric lights from the newly installed "Great White Way."

The streets were thronged with the largest crowd of spectators ever assembled on this street, and, as the splen-did floats representing the history and industry of Kansas, passed in series, the interest was intense and the enthusiasm unbounded. The gorgeous floats, which had been prepared under the direction of Kansas' best known the direction of Kansas' best known artist, Mr. Albert T. Reid, were appropriately interspersed with the bands, society floats and military display, while each was occupied by a delegation of young ladies from some other Kan-

The historical floats included: "Indian Days," "Old Mill at Lawrence," "Westward Course of Civilization," "The Great Seal of Kansas," "Burning of Lawrence," "Grasshopper Days," "Prosperity Producers," "Cerea," "A Corner in Fairyland" and "The Court of Kansas,"

At the State Fair grounds, the visitor was impressed at once by the immensity and stability of the improvements and the wealth of the displays in every department. In addition to the concrete cattle barn, with a capacity for 542 animals, there had been created during the summer a concrete horse barn, with a capacity for 300 animals; four swine barns, to hold 400 hogs, and a concrete Fine Arts building. These concrete Fine Arts building. These concrete structures are fire-proof and of the Spanish style of architecture. Other buildings had been erected and repaired, a beautiful stone gateway built and a splendid new fence placed about the

All this told of immense industry on the part of the county and fair officials, the really big work showed within and about these buildings, where all accommodations were crowded to capacity.

Kansas, being an agricultural and live stock state, it is but natural to expect a good display in each of these departments, but the actual facts exceeded even the fondest hopes of the management. The great concrete cattle barn was filled before the gates were opened, and it became necessary to erect tent for the accommodation of about 100 animals. Among these cattle were a number of herds from other states and many of the best from Kansas. The beef breeds have always been prominent in Kansas show rings, and those on exhibition here were more numerous and of even better quality than at any previous fair.

In the dairy cattle division, the display was the best and largest ever made in the state, and one of the best ever shown in any of the corn-belt fairs. Jerseys, Holsteins and Guernseys made the show, though the two first named predominated. In the dual purpose classes, the Brown Swiss and Red Polls were splendidly represented, while the Polled Durham exhibit was one of the

strongest, both in numbers and quality, the writer has ever seen in a long ex-perience with big fairs. The cattle exhibit left nothing to be desired.

Adjacent to the cattle pavilion is the newly-erected horse barn, and this was found to be inadequate to care for the exhibit, and the overflow was housed in a tent. The Kansas farmer likes a Percheron, and this breed predominated in the horse exhibit. It is a matter of pride and satisfaction to know that among all this magnificent dislay, the Kansas horses were fully the equal of any. Belgians, Shires, German Coachers and Shetland ponies made up the balance of the exhibit. Altogether, the horse show was magnificent, and has hardly been exceeded by the American

In Kansas, the hog is among the most important of farm animals. He won fame as the mortgage lifter, and now that the days of the mortgage are passed, the hog is the automobile buyer. In popular interest, he is second to no other, and the new hog barns were not only filled beyond their capacity, but were the center of interested crowds at all times. A portion of the sheep barn all times. A portion of the sneep barn had to be appropriated to the use of the hog, and the contest for honors was a keen one. Naturally, the lard type of hog was the most numerous and was represented by Berkshires, Poland Chinas, O. I. C.'s and Duroc Jerseys, with equal interest to the average visitor, but because of their characteristic markings and unaccustomed type, the Hampshires attracted a great deal of attention. They were the only bacon type hogs on exhibition, and they are becoming very popular.

Although September is not thought to be the best month in which to exhibit another.

hibit poultry, the Kansas fair showed about 2,500 birds, which was said to about 2,000 birds, which was said to constitute the largest poultry show ever held in the state. While many of the winnings were made by out-of-state people, the Kansas birds were able to hold their own for quality.

Up in the "big building," as the old Exposition hall was called before the presence of the new converts palaces.

erection of the new concrete palaces, there awaited a surprise for those who thought the season had rendered a creditable exhibit of agricultural and horticultural exhibits impossible. Not only was every inch of space occupied, but the exhibits were of a very high

THE KANSAS STATE FAIR

A Wonderful Exhibition of Kansas Resourses—A Successful Enterprise

tract attention, because of their size and diversity, but the individual ex-hibits were of very high quality and the subject of keen interest and study by the visitors. Among these exhibits perhaps none attracted greater interest or was deserving of higher commendation than that made by the Shawnee Alfalfa Club. Here was shown Kansas' most famous crop in all stages of growth, the enormous yield of seed

yield per acre.
In this building was also located the Agricultural College exhibit for all those departments which did not show live stock. This year the college has made up a number of these exhibits for dis-play at the larger fairs, and work in crop growing, seed preservation, vet-erinary methods, and numerous photo-graphs and statistics showing the results of instruction and experimentation at both the College and Experiment Station were on display. Adjacent to this display, and a part of it, was the model kitchen mentioned elsewhere.

Kansas people love the beautiful, and satisfaction awaited him who visited the

which was held on Sunday, was an in-novation much appreciated. The amusement features were not neglected by any means, and those who would mingle pleasure with the more serious study of the exhibits found splendid talent on the race course and clean shows and entertainments on the Midway.

position of Kansas' resources, the Kansas State Fair is an accomplished fact, but it has been brought into existence solely by the enterprise and untiring efforts of private citizens. As a permanent state fair that is supported or endowed by the state, the Kansas State Fair is yet to be. The greater mead of praise is, therefore, due to the men

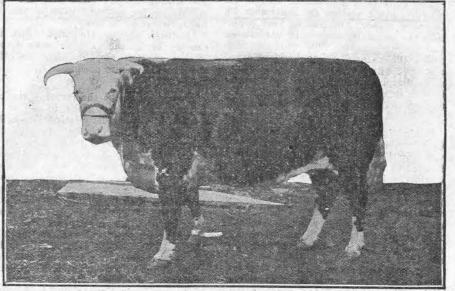
character. The county collective exhibits were, of course, the first to atwhich characterized this season, and the threshed seed, with statements as to the

Beyond the Agricultural hall stood the sheep barn, which was well filled with animals of eight different breeds, besides the Angoras. Kansas is not so prominent as a sheep producing state as she once was, and the reason for this is hard to determine. Nowhere is feed so cheap and plentiful, and no-where is there a better market, and it is the hope of these exhibitors that their . own successes may incite others to do

satisfaction awaited firm who visited the splendid new Fine Arts building, where the display of art work and home beautifiers exceeded anything ever before attempted in this line at a fair. With assurance of safety for their exhibits from both weather conditions and disturbing hands, which was afforded by the new building, the ladies fairly outdid themselves in bringing together this display.

The sacred concert by a famous band,

As a very real and comprehensive exwho have made, out of their own means and minds, such a fair possible.



BANZA, FIRST PRIZE 2_YEAR-OLD HEREFORD HEIFER. ROBERT H. HAZLETT, EL DORADO, KANSAS.

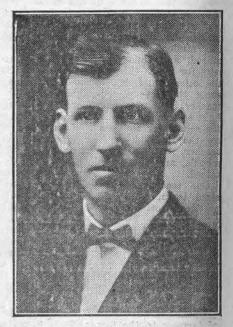
State Fair Notes.

J. C. Robison, owner of the Whitewater Falls Percherons at Towanda, Kan, was very much in evidence with a splendid string of 22 horses. As these are mostly the get of Casino, the interest was greatly increased. Kansas Percherons are good enough.

Of course, the fair association cannot do everything at once, though they were pretty nearly compelled to try. They worked wonders and will do more. If a few loads of cinders could be placed to the east of the cattle barn, where the animals are washed, it would be a big help.

The crowds were large and the attractions numerous, but there was no disorder. Everybody was out for a good time and to learn lessons from the exhibits, and everybody was good natured. In fact, nothing else was to be expected from a Kansas crowd.

The new concrete building containing the exhibits in the ladies' departments was the center of attractions. In addition to the ladies themselves, there were many other beautiful things to look at, and even the men were attracted by these displays.



T. A. BORMAN, President Kansas State Fair.

Those who are interested in racing, and they number thousands, had the satisfaction of seeing a world's record and a state record broken by one horse in the Kansas Derby. Jack Witt made the mile on a half-mile track in 1:41 flat, thus beating the world's record of 1:41%.

A big lot of enthusiasm was created by the Burlingame Boys' band. This is a large band, composed of very small boys, and, while their legs were too short for them to keep step in the procession, they were long on music, and it was real music, too.

Many comforts and conveniences have been added to the fair grounds, and among these perhaps none are more highly appreciated by the ladies than the numerous rest rooms. The management wants visitors to come because it is worth while, but it also wants them to be comfortable and go away feeling

Prof. Dyche's fish hatchery car attracted a big lot of attention, and it is hoped that a permanent building may be erected for the display of our water fauna. Nothing attracts more attention at the Nebraska fair than the display of the Fish and Game department in its own building.

N. A. Gwin of Lawrence showed about a dozen head of Angoras, which attracted their full share of attention.

KANSAS SEMI-CENTENNIAL

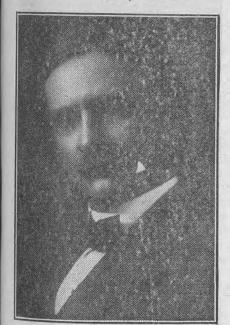
Semi-Centennial Celebration of Kansas Admission to the Union of States

The amusement features at the fair were far above the average in quality. There were no disreputable shows, no gambling devices and no liquor on the grounds. The grounds were policed by a company of the National Guards, and the work was well done:

The admirable way in which the street car company handled the crowds was the subject of many compliments from both visitors and citizens. Few towns the size of Topeka have a better the size of Topeka have a better equipped or better managed street car system, and this week's work has only added to the laurels of Manager Albert

Poultry from nine different states made up the poultry show of about 2,500 birds. This is said to have been the largest poultry show ever held in Kan-

Achenbaugh Bros. of Washington, Kan., are among the oldest breeders of Polled Durhams in the west. This was their first exhibition in Topeka for a long time, and they walked away with first prize on The Baron, their herd bull; first on the senior bull calf; first on junior heifer, and first on produce of dam. Some cattle, those.



H. L. COOK, Secretary Kansas State Fair.

A part of the Agricultural College exhibit consisted of eight pens of hogs which had been fed experimentally. The experiments varied from corn alone in a dry lot, to corn on alfalfa pasture, forn with cut alfalfa and other combinations of feeds to the best ration which was composed of corn 62 pounds, tankage 8 pounds, shorts 30 pounds, fed on alfalfa pasture. The hogs receiving this ration made a gain of .64 pounds per day, at a cost of \$1.71 per hundred pounds of gain. The hogs on corn alone in a dry lot gained at a cost of about 83.50 per 100 pounds of gain. Such an exhibit as this is worth much to the man who studies it.

The Agricultural College had a very complete exhibit in the big hall, but berhaps no part of it received the atiention given to the model farm kitchen. There was nothing elaborate or ex-pensive about the equipment of this itchen, but it contained a complete rupment of such articles as are necesary in the farm kitchen, and the verbal instruction, given by Miss Brown, served

to double the value of the exhibit.

D. C. Van Nice of Richland showed a splendid herd of Polled Durhams, and got well into the wanter though he got well into the money, though he showed in the hottest competition ever shown in a Kansas fair. His herd bull, Roan Hero, lately bought from C. J. Woods, has been a champion so long that he has the habit. He was grand thampion here.

Robert H. Hazlett of El Dorado has been making the Grand Circuit this year with a string of his Hazford Herefords, and holding high the banner of Kansas. He was a handsome winner at Lincoln and Des Moines, while at Topeka he won eight first prizes, besides a senior, a junior and a grand championship.

C. J. Woods of Chiles, Kan., was a heavy winner with his Polled Durhams. Every one of his prize winners were the get of his great champion bull, Roan Hero, whom he lately sold to D. C. Van Nice of Richland. His new bull, Roan Choice, is a corker.

J. G. Arbuthnot of Cuba, Kan., who made a reputation by marketing \$14,000 worth of hogs a year from his Republic county farm, showed two young Per-cheron stallions that were good enough to get into the money. Mr. Arbuthnot is a graduate of K. S. A. C. That's why.

Five hundred fifty cattle, 300 horses, 500 hogs, a fine show of sheep, Angoras and poultry, made up the live stock exhibit. As these were of the best of their several kinds, that was some show.

C. W. Lamer of Salina was one of the largest exhibitors of Percherons from Kansas. His 14 head of both mares and stallions attracted their full share of attention, and were worthy of it. Kansas alfalfa makes good horses.

The county collective exhibits in Agricultural Hall were not so numerous as had been hoped for, but they were "dandies." Many people were doubtless discouraged from making exhibits of farm products because of the bad season, but those who saw the fair this year realized that Kansas is still good for a few more square meals.

The art work at the fair is of exceptional merit. Kansas has artists in various walks in life, but in no place does she excel more than in the fine arts, examples of which were shown in paintings, drawings, china decoration, needlework and embroidery, shown in Fine Arts building.

The government exhibit in the Arts building was well worth seeing, especially the model of the battleship "Connecticut," which is a complete reproduction of the flagship of the Atlantic fleet. It measures 150 inches long, and cost about \$6,000.

Notes of Fair.

Notes of Fair.

The John Deere Plow Co., had the largest single machinery exhibit. It was in charge of A. L. A. Spetter. The sales manager from Kansas City, T. H. McDearmon was on hand and was kept busy answering questions which he knew how to do. In the Velie Automobile Department, H. C. Wylie was at home. In the big tent, where Stover and New-Way engines were running Marseilles corn shellers, wagon dumps and portable elevators, Ann Arbor and Dain hay presses, Success manure spreaders, power washing machines



WAKARUSA HEATHERTON, JUNIOR CHAMPION ABERDEEN-ANGUS BULL. SUTTON FARMS, LAWRENCE, KANSAS.

and Simplex cream separators, T. H. Chandler was much in evidence. A Smalley ensilage cutter was shown filling a real King corn silo and right beside were the Vant Brunt grain drills, Velle buggies, tastefully decorated were in fine array. The Davenport steel wagon and the Fort Smith wagon were no small part of the attraction, particularly the Davenport steel wheel carrying 10,000 pounds of pig iron. Of course, Deere plows were prominent, in many styles and sizes. It was a creditable display, well conducted and enjoyed large crowds every day.

"The smallest electric light plant in the world" was on a sign at the exhibit of the Olds Gas Power Co., of Kansas City. And it looked it, too. A man could easily carry the whole thing in his hands. It showed some fine mechanical art, as, indeed, did the whole display. Part of the exhibit was the lighting plant to light up at night. A couple of hundred lights were run from a dynamo operated by an Olds Kerosene Engine. This was a fine test of the engine's smooth running qualities. Another 25-light system was also shown. A big Valk rotary pump driven by another Olds engine was throwing a steady stream of water, 650 gallons per minute, day and night. It certainly showed how to get water for irrigation or drainage. H. H. Russell, general field manager, from Lansing, Mich., was present, and spared neither pains, time nor good will in explaining the merits of Olds Engines and allied lines.

Side by side stood the exhibits of tractfors. W. S. Frederickson, of Kansas
City, for the M. Rumely Co., had two oflpulls, burning kerosene, one driving a
large Rumely grain separator, and the
other pulling a Rumely clover huller. One
of these engines was a 15 h. p. tractor, and
the other a 30 h. p. They worked as
smoothly as could be desired. Sharing
equal attention with this exhibit was that
of the Minneapolis Threshing Machine
Go. Here, also, wert two tractors, using
gasoline, a 15 h. p. and a 30 h. p. H. P.
Peterson from Kansas City had charge of
this exhibit and painstakingly showed the
working of the engines to all inquirers,
of whom there were a great many every
day.

L. A. Hinds and J. H. Lay, for the Manson-Campbell Co., were kept busy showing the merits of the Chatham grain grader and fanning mills. They made a large number of sales, proving that farmers are interested in having up-to-date machines of this class.

The exhibit of Lukens Bros. of North Topeka, showed to good advantage the Bovee horizontal furnace, as well as the Hero cast fron furnace. A good business was reported at this tent and the crowds that stopped to look it over, indicated that such was the case.

A man running a gas flat iron, and another a vacuum carpet cleaner were two of the first things to be seen in the exhibit of the Capital Hardware Co., of Topeka. The Keen Kutter goods shown here were distinctly noticeable, as also were the stove, refrigerator and tinware exhibits. It was a hardware store on a holiday and had big crowds of visitors daily.

The Bailor two-row cultivator had thousands of admirers. It was well explained by J. E. Christian and Mr. Jones, the general manager of the company making it. A remark commonly overheard was, "I didn't know a two-row cultivator could be so thoroughly controlled while at work."

F. W. Mills, of the Overland Auto Co., Topeka, had quite a time refusing checks for a 1912 model Overland that he had for exhibition. The factory, he said, was ov-erworked in getting out the new models, but that these were now beginning to come along in greater numbers.

Charles Collins, in charge of the Kansas territory for the Vermont Farm Machine Co., had two U. S. cream separators hooked up to a small electric motor. A glass paneled separator showed the gearing and the oiling system to excellent advantage. Mr. Collins, together with L. C. Larson from Kansas City, were kept busy by the crowds who came to ask about the U. S. and its merits.

A large amount of "stage money" was handed out by N. J. Fuller and B. M. Ross to advertise the Unadilla Silo. They had a real silo built to show all about it and lost no chance to explain why it was the one to buy.

Zale Motorcycles and Iver-Johnson Bi-cycles were shown by the J. C. Harding Co., of Topeka. A steep incline was built and the hill climbing power of the Yale was adequately shown.

The Ford Motor Car and the Grab-owski Motor Truck were exhibited by E. G. Kinley, Topeka, agent for both.

The showing made by the gasoline engines in the tent of the Root & Van Der-Voort Engineering Co., East Moline, Ills., took the eyes of every one who went by, H. M. Cochran of the Kansas City branch, had mighty little chance for recreation at any time during the week.

Fine interest was shown by many thousands in the building built and finished by the U. S. Gypsum Co., of Chicago. The Chicago Lumber Co., of Topeka, had the exhibit in charge.

One of the most useful things for farmers shown in the machinery section was the Topeka Packer, exhibited by the United Mercantile Co., of Topeka. It did not lack for attention.

The line of Newton Grain Graders, Gasoline Engines and Washing Machines, shown by the Bergman Mfg. Co., of Newton, Ia., made an interesting exhibit. Eli Kelley, traveling representative for Kansas, had this display in charge and rendered his company effective service.

Topeka as a windmill manufacturing center, was represented by the exhibits of the Carrie Windmill Co., and that of the Clipper Windmill and Pump Co. Both of these showed mills in operation and served to convince a large number of farmers that Topeka made windmills and good ones to buy.

Another Topeka exhibit that made some "noise" was that of the Road Supply and Metal Company. Corrugated sheet iron culverts, road drags and graders were here examined every day by throngs of interested persons.

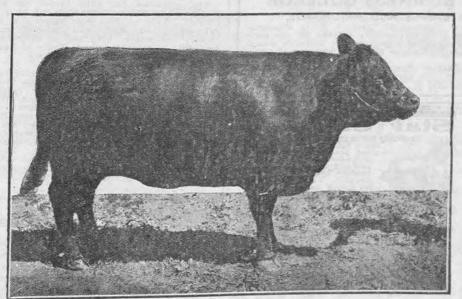
The Continental Creamery Co., of Topeka, had two imposing exhibits. One was the famous hinge-door silo built in actual size in the machinery section, and the other was the Meadow Gold butter exhibit in the agricultural building. Both displays had fine attention and interest among the daily crowds.

The \$1,000 ears of corn shown by the Kellogg Toasted Corn Flake Co., of Battle Creek, Mich., was a point of intense interest by city folks and farmers alike. A corn expert was kept busy lecturing on seed selection. This display was educative on two sides—the food side and the production of the grain for the food. It was worth while every minute of the week to the big crowds. the big crowds.

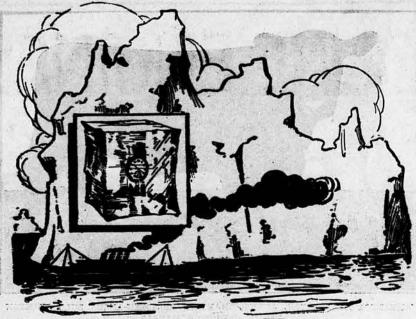
The Blue Valley Creamery Co., of St. Joseph, Mo., had a good display in the agricultural building. Blue Valley butter was well advertised as also were the advantages of dealing with the company that makes it.

Kratzer vehicles were shown in a good line by W. F. Harsh, salesman out of Topeka. He had plenty to say for his goods, and didn't lack for interested listeners.

(Continued on page 6.)



MARQUIS. FIRST PRIZE 2-YEAR-OLD GALLOWAY BULL. STRAUB BROS. AVOCA, IOWA.



It Keeps Time Frozen in Ice-

It Will Keep Perfect Time in Your Pocket!



OU'VE heard of the watch that keeps perfect time even when frozen solid in a cake of ice. It's the South Bend Watch, and ft actually does keep perfect time. Thousands of jewelers have proved this by showing it in their windows. Now, you won't want to freeze a watch in fee, of course, but you'd like a watch that's made so accurate that it will keep time under such conditions.

that it will keep time under such conditions.

Every adjusted South Bend Watch is tested and made to run accurately in freezing and in boiling temperature before it is allowed to leave the South Bend factory. If it does that we know it will run accurately in your pocket, and thus give you perfect satisfaction. Wouldn't you figure the same way? The best advertisement we've got is these thousands of perfect running watches in the hands of users. Don't you want one of them?

There's an expert jeweler in your neigh-

There's an expert jeweler in your neigh-corhood who sells the South Bend Watch. He can regulate it to your personality, something a mail order concern can't do with a watch.

That "personal adjustment" to your personality is absolutely necessary, because good watches run differently for different people. If you walk much, ride a great deal in motor cars or folting farm wagons, move quickly, etc., your watch is affected and should be regulated to offset the general conditions under which you carry a watch.

Only a good jeweler can do this, and it can be done only with a good watch, for common watches are not sensitive enough for such delicate regulation—hence, seldom keep time for anybody.

The Master Timepiece

Write for the free book, "How Good Watches Are Made." It tells a lot about watches that is vital to know before buying any watch. It proves that the South Bend Watch is the Master Timepiece. Send a postal for it now, while you're thinking about it.

You can get a South Bend Watch in a solid gold case for \$75, or in gold-filled and other metal cases at reasonably low prices.

THE SOUTH BEND WATCH COMPANY, Dept. 196 South Bend, Ind.



KANSAS WESLAYAN BUSINESS COLLEGE

THE EFFICIENT SCHOOL FOR BANKS AND RAILROADS. THE EFFICIENT SCHOOL FOR BANKS AND KAILROADS.

Furnishes more Bankers, Civil Service help, Commercial Teachers, R. R. Stenographers, and Telegraphers, than any other school. U. P. contracts to take all our male operators, and allow salary while learning. We guarantee postition for complete course or refund tuition. Twenty instructors, eighteen rooms, one thousand students. TERMS REASONABLE.

NEW FEATURES—Farm Accounting, McCaskey Register. Wireless Telegraphy. Write for catalog and Free Tuition Prize Offer. No agents out to get you to sign up. Address, T. W. ROACH, Pres. 201 S. Santa Fe, Salina, Kansas.

BARGAIN IN WHITE ROCK COCKERELS

I have a few exceptionally fine White Plymouth Rock cockerels, hatched in May. Some of these birds will develop into prize winners, worth from \$15.00 to \$50.00. Owing to limited room I will ship one of these cockerels to any address desired for only \$3.00. If not satisfactory will refund money without ques-tion. References German American State Bank, Topeka, Kansas. Address J. E. SPALDING,

334 Laurel Ave., Topeka, Kan.

The weather man favored the fair, so far as withholding rain was concerned, but he turned on another burner, and the crowds managed to keep warm.

Star Grinders



HONEY—Calif. sage honey, freight paid, per lb—Light Amber, 10c; White, 11c; Water White, 12c. Will ship allowing inspection before payment. Large sample, 10c. Honey leafier, Spencer Apiarles Co., Box 47, Nordhoff, Cal.

The Kansas State

Continued From Page Five

A cream separator with a gasoline engine built in as a part of the machine was shown by the Standard Separator Co., of Milwaukee Wis. The engine is so arranged that the cream separator is driven automatically when desired and set to driving other light machinery when the separator is not desired to be run. This grariess and crankless separator made many friends during the week.

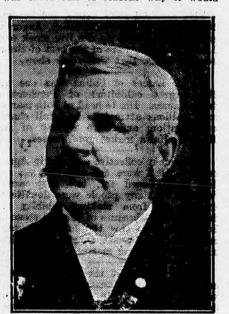
House lighting by acetylene gas was well shown in the display of the Wichita Acetylene Mfg. Co., Wichita, Kan. The safety of the plant and the excellence and economy of the light were well demonstrated. Good attendance kept up good interest in this exhibit every day and evening.

A real "Lovers' Lane" was built to show the merits of American Steel and Wire Co. Rencing and steel posts. There was no limit to the good will and hospitality dispensed at this display by R. M. Cot-trell, of Chicago. He was busy all the time and seemed born to the manner of an effective exhibitor.

P. B. Day, sales manager, Great Western Automobile company. Peru, Ind., had several Great Westerns displayed to good advantage. He had plenty of chance to make hay, and was on the job all the time.

The No-Sag gate exhibit, in charge of H. G. Hoops of Superior, Neb., was well placed near the hog barns, as was also that of the Adams Gate company of Topeka. Here was excellent opportunity to prove the meaning of good gates, and neither of these exhibitors were asleep.

The old stand-by in the cream separator world, the De Laval, was in good evidence. C. E. Bair of Topeka was in charge and was chock full of reasons why it would



H. W. MCAFEE, Superintendent Agricultural Department.

pay best to buy the De Laval. He was, however, gentlemanly at all times and was doing the square thing for his company, himself and by his competitors.

J. A. Dart and N. S. Landis were present with the display of the Farmer's Handy Wagon company, showing the merits of the Saginaw silo. These gentlemen were somewhat handicapped by the failure of the railroad to deliver a silo in time to put it up on the grounds during the week. Nevertheless time did not drug heavily with them at any time. They deserved good attention, and got it.

Rehkopf Brothers of Topeka had a large tent full of buggies and road wagons. They had a fine line of their own hand-made vehicles, such as they have been making in Topeka for 20 years. Besides, they showed other lines for which they are agents—Moon Brothers, St. Louis; La Porte Carriage Co., La Porte, Ind., and Blees Buggy, Macon, Mo.

The cylindrical hay bales turned out by the Luebben Baler, received a lot of attention. This machine was run by a 4-cylinder gasoline motor built into the machine. The whole thing ran as smoothly as a fine automobile. R. A. Pauly of Sutton, Neb., was the man in charge.

At the tent of the Sandwich Manufacturing company there was always something doing. Here was the famous line of Sandwich sheliers and hay presses. Also, feed grinders. The Chanticleer gasoline engines were furnishing power to run the various machines in operation. Bert Stafford, M. Bartholomew and S. Northway did the necessary telking for the Sandwich Manufacturing company, while Herb Briggs was there for the Jacob Halsh company, manufacturers of the Chanticleer engines.

W. E. Derwent, for the Kalamasoo-Directo-You Stove company, Kalamasoo, Mich had a fine showing of stoves and range The whole exhibit was given away at the close of the fair through a drawing, which was conducted for advertising purposes.

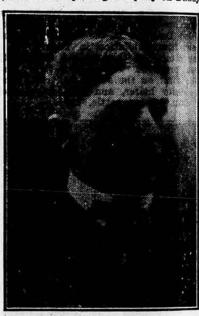
The three girls making market basken showed their proficiency to big crowds every day, at the exhibit of the Kaw Valley Package Manufacturing company, in the Agricultural building. The skill am rapidity with which the girls worked was a revelation to many who had never see basket making done before.

The Kansas State Agricultural college had a large exhibit at the east end of the Agricultural building. Prof. J. H. Miller was forced to keep up a continuous lecture, and seemed to be at home at the task. It was a great advertisement of many of the things the college is doing and has done. It helped to make many good Kansans more proud of good old K. § A. C.

THE AWARDS

Exhibitors—J. C. Robinson, Towanda Kan., Watson, Woods Brothers & Kelly, Lincoln, Neb.; C. W. Lamer, Salina Kan.; Percheron Importing Company, South & Joseph, Mo.; W. S. Corsa, Whitehall, Ill.; Whea Bros., Arlington, Neb.; W. T. Peng, North Topeka, Kan.; Hoyt Horse Company, Hoyt, Kan.; W. E. Dustin, Topeka, Kan.; Gilchrist & Hogand, Topeka, Kan.; J. G. Arbuthnot, Cuba, Kan.; John A. Peck, Tecumseh, Kan.

Kan.
Judge—J. H. Huston, Blandinsville, III.
Aged Stallions—I, Watson, Woods Bros.
& Kelly on Gérvias; 2, Robison on Glacis;
3, Percheron Importing Company on Dandy;



Superintendent Draft Horse Department.

4. Hoyt Horse Company on Hocher. Three years and under 4—1, Percheron Importing Company on Incluse; 2, Lamer on Techor; 3, Lamer on Ilmen; 4, Robison on Blandon. Two years and under 3—1, Watson, Woods Bross. & Kelly on Jars; 2, Arbuthnot on Ladd; 3, Robison on Julilot; 4, Rhea on Albanica. Yearling Stallion—1, Lamer on Cabin; 2, Robison on Isadore; 3, Robison on Morton. Stallion foal—1, Cradall on Jayhawker.

Aged Mares—1, Robison on Huth, 2, Corsa on Huchepie; 3, Corsa on Della; 4, Lamer on Gerdine. Three years and under 4—1, Corsa on Venettee; 2, Robison on Viola; 3, Robison on Pansy. Two years old—1, Robison on Poule; 2, Robison on Hypatica; 3, Robison on Janedare; 4, Corsa on Raidonette 2d. Yearling—1, Robison on Koela; 2, Pence on Gladdis. Mare Foal—1, Pence on Ruth. Mare with feal at Side—1, Jurgens on Sarah and foal; 2, Pence on Pearl and foal. Champion Mare Robison on Ruth. Best three mares—Robison on Ruth. Best three Ruth feal at three mares—Robison on Ruth. Best three Ruth feal at three mares—Ruth Mar

Percheron Specials.

Champilon I.tallion, Any Age, Bred and Owned by Exhibitor—1, Arbuthnot on Rowdy Koy; 2, Arbuthnot on Ladd.

Best Mare, Any Age, Bred and Owned by Exhibitor—1 and 2, Robison on Ruth and Poule; 3, Corsa on Radonette 2d.

Four Animals, Either Sex, Bred by Exhibitor—1, Robison; 2, Corsa; 3, Peace Exhibitor—1, Robison; 2, Pence.

Best Three Mares, Bred and Owned by Exhibitor—1, Robison; 1, Robison; 2, Pence.

Best Four Animals, Get of One Sire, Bred and Owned by Exhibitor—1, Robison; 2, Pence.

Corsa.

Best Two Animals, Either Sex, Product Corsa.

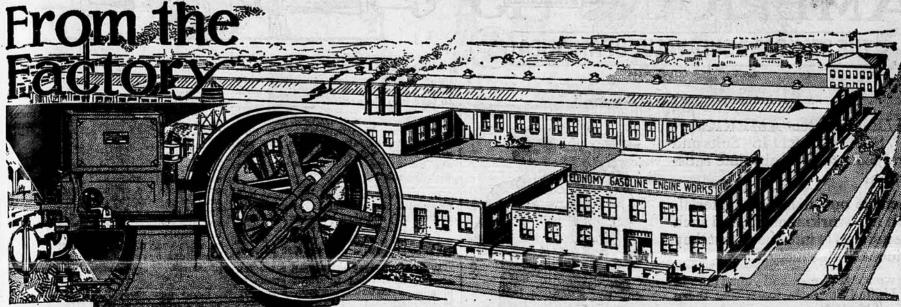
Champion Stallion and Four Mares, Bred and Owned by Exhibitor—Robison.

Best Five Stallions, Any Age, Owned by Five Stallions, Any Age, Owned by Continued on page 15.) Percheron Specials.

"EIGHTY ACRES AND A HOME."

Kansas Farmer's relief map of the ideal 80-acre farm, as described in prize letters received in our recent conte st, was built for exhibition at big fairs. Received of the beauty mixture. the big fairs. Because of the heavy rainfall and a leaky roof on the building where the map was constructed, it was practically destroyed. As it was of large size and built at a considerable expense of time and labor, the loss is important and will compel its enatire reconstruction, in time for the fairs, we hope. the fairs, we hope.

ECONOMY GASOLINE ENGINES



Cheapest to Travel the Shortest Road

This advertisement pictures a great fact better than words can tell it. The way we sell Economy Gasoline Engines is the shortest road from the factory to the farm. It is the best selling method for us and the cheapest buying method for you. It's the right way to save money. Get that important fact fixed in your mind, but do not overlook this bigger and still more important point.

Ready to Ship

1½-Horse Power \$29<u>95</u>

2-Horse Power \$4295

4-Horse Power

6-Horse Power

8-Horse Power

10-Horse Power \$9 **1245**

We are not merely advertising the Economy Enthem. Before we began this advertising cam-paign, we started a manufacturing campaign. We have engines ready to ship the very day your order reaches the factory—all sizes —all styles, including the style and size you want, waiting ready to be loaded into the freight car the moment you say the word. If you know what your engine needs are, if you have made up your mind what horse power you require, don't lose a moment writing for catalogs or informa-tion. The prices are plainly printed in this ad, and all you need to do is make out your order, enclose the price, and the moment we get it your engine will be running to work as fast as it can go. You will never get a better chance to get the right engine at the right price and at the right time than NOW.

Economy Engines Are as Good as Any Gasoline Engine You Can Buy for Any Price.

The highest price ever asked will not buy you any better engine, for better engines are not made. We have bought and tested all other makes right alongside the Economy in our own plant, have given them all the same full fair test and have viewed the results without prejudice. The Economy will do anything that you can properly demand of a gasoline engine. No engine can do your work better or more faithfully day in and day out, and the Economy is the only high class engine you can buy that involves no wasted expense or unnecessary profits in the selling.

Our Fair and Square Selling Method Enables You to Try the Economy Without Risk.

You send us your order and we send you the engine. You try it on your own farm in your own way, doing your own work for sixty days. If you are not perfectly satisfied that the Economy Engine is the engine you want, you send it back to us at our expense. If you do not like the Economy Engine the trial does not cost you a penny, because we return both the purchase price and the freight charges. That's the kind of trial that proves something

Whether you are ready to order just now or not we want you to have a copy of our latest Gasoline Engine Catalog, so write your name on the coupon in the lower left hand corner of this ad and send it to us by return mail. You'll get a book worth having, containing the engine information you want, quoting prices that will interest you, showing you how to get the greatest possible engine value for your money. Get this book right away.

Sears, Roebuck and Co., Chicago, Illinois

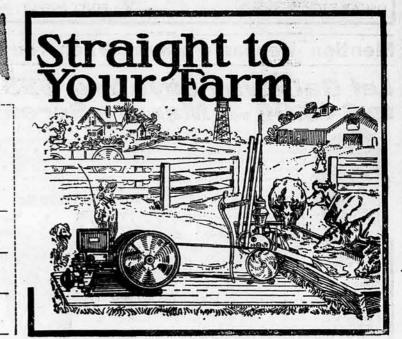
SEARS, ROEBUCK AND CO., Chicago, III.

Please send me a copy of your new Economy Gasoline Engine Catalog.

Postoffice____

R. F. D. No. State

P. O. Box No. Street and No.



All You Could Possibly Want- THE FARM Style, Quality and Wear-are Combined in the



Made in Baltimore-"The City of Economy."

WE guarantee "AMERICAN STANDARD 15" Suits and Overcoats to give absolute satisfaction.

Then we put such good material, such fine workmanship, and such splendid style into them that they cannot fail to satisfy.

We want every man and young man in the United States to learn that there is one \$15 clothes investment that carries no risk of disappointment with it.

You can walk into any "AMERICAN STANDARD 15" dealer's store, select from the many styles and patterns on his tables and know absolutely that you are getting the greatest value that \$15 can buy.

You can feel that you are paying no more than the right amount for what

you buy, because you are getting standard clothing at a standard price. If there is no "AMERICAN STANDARD 15" clothing dealer in your section as yet, send us your own dealer's name and your own name and address. We will mail you our style book, which will open your eyes to what \$15 will buy. And we will see that you are immediately supplied.

AMERICAN CLOTHING MFG. CO.

Baltimore, Md. Dept. 15





It is in seasons like this that the disk plow comes to the front. The disk will make a good seed-bed for wheat when the mould-board plow can hardly be made to take into the ground.

Milo maize is practically a sure crop in the country most affected by the Rus-sian thistle and its sure returns and great feeding value place it far beyond any comparison which might be made with the thistle.

In the western half of the wheat belt many list the stubble as soon as the grain is off, and then later work it down level and then sow wheat again. It is not so good a method as plowing, but it beats disking twice with the disk harrow.

With the advent of the fall rains the area to be devoted to wheat seems to promise a material increase, especially in the eastern two-thirds of the state. Wheat in rotation is a most valuable crop, but wheat in succession is hard on the land.

Corn fodder is one of the very best of rough feeds for stock, and when well made is thoroughly relished. The serious threat of a shortage of hay and a more general appreciation of the silo has caused a larger saving of the whole corn crop, either in the shock or the silo, than for many years. for many years.

Many pastures fail because they are not made right. Some recent experiments showed that in good pastures which stood the summer drouth well there were only a very few different varieties of grass, only 19 in the entire field, while in other nearby pastures that failed in the summer heat, the number of different species was very large. of different species was very large.

Straw is much too valuable to be allowed to rot in the stack. Aside from its worth as bedding it has a feeding value which alone would well pay for the labor and expense of hauling. Mixed with other roughage straw is accepted by the animals as a palatable and nutritious feed. Hay bills can be materially reduced and money saved without detri-ment to the stock by mixing bright, clean straw in the ration of roughage.

A subscriber inquires if a cement floor is suitable for a granary and desires to know whether wheat would spoil from dampness. If the granary is properly located on well drained land, as it should be, and if the floor is raised from contact with the ground, there would be no danger of dampness, but everything would depend upon construction. Probably a board floor would be just as cheap and a good deal safer.

A correspondent asks as to the value of the Russian thistle for ensilage. Can any of our readers supply this informa-tion? While the Russian thistle is used both for pasture and hay, and while it seems to be relished by stock when young or when properly cured as hay, we would not recommend it for ensilage, especially when a much more satisfactory and valuable plant can be grown almost and valuable plant can be grown almost as easily for the same purpose.

Does prosperity beget the more general use of mechanical power on the farm, or is this power the cause of prosperity? While there may be two ways of looking at this question there can be no doubt that power serves to emancipate both the farmer and his teams from a lot of drudgery, and it is certain that wherever power is judiciously applied there will be found prosperity. Power begets prosperity just as surely as the egg will produce the chick, but both have to be properly handled.

Over in Illinois the farmers have organized a life insurance association which has peculiar features. There are but 101 members permitted. And new members are added only in case of death. When any member dies all remaining members pay the sum of \$10 each to the members pay the sum of \$10 each & the widow or other beneficiary, making \$1,000. There are no other dues or expenses, and no salaried officers. Any member that fails to pay the \$10 assessment is dropped. There is no medical ex-

amination, each member simply declaring that he is in ordinary good health when application is made. There is an age limit of 21 to 55.

The secret of the good market seems to be in pleasing the tastes of the exacting and fastidious customers, whether it be in high-class butter or other products. By furnishing a good article, above the ordinary, the competition for it is so strong that it can be sold at an advanced price, while the ordinary and low class articles go with the great mass of produce of the same class, at ordinary prices and are subject to the manipulations of the markets by the "gamblers in trade," who are ever ready and active in devising means by which they can fleece the producers.

Barns and sheds for live stock that were constructed of baled straw were not uncommon in Kansas years ago and some may still be in use. They have their advantages, chief of which is their cheap-Now comes a Minnesota man who has built and used a horse barn, a buggy shed, a tool house, a poultry house and an ice house, and all of baled straw. These have all been so satisfactory that he is now considering the idea of cementing them on the poultry house. The best fence the writer ever saw for temporary shelter was made of baled straw piled about 10 feet high around a feed lot. In the most severe weather this lot was pleasant, because no wind could penetrate it and the sun shone into it all day. has built and used a horse barn, a buggy

The farmers who are capable of producing articles that are above the ordinary are the skilled artisans of the farm-ing profession, and are as deserving of financial success and an honored position in their calling, as are those of the learned professions who live by their wits, creating nothing, and giving but little of substantial value in return for what they receive. The avenues for active effort for the farmers are numerous, and the possibility for reward as flatter. and the possibility for reward as flatter-ing as in other walks in life. When each has discovered their own capabilities, are ready to adapt their efforts to existing conditions and meet the demands for the best of the kind which they produce, they will find an active market at satisfactory

Saving Grain With Concentrates.

In speaking of some experiments made in feeding beef cattle at the Nebraska station, Prof. H. R. Smith said: "In three different trials at the Ne-

braska Experiment Station, where 2-yearold steers were fed in groups of 10 each, the use of linseed meal—2 pounds daily to a steer-reduced the requirement of corn for a pound of gain in every instance, the average being 23 per cent for stance, the average being 23 per cent for three years. The market price of linseed meal was then more than double that of corn, yet, by using it in the quantity named, the cost of producing gains was approximately 10 per cent less with it than without. In fact, the use of the linseed meal turned a loss of 40 cents a linseed meal turned a loss of 40 cents a steer average for the three years to a net profit of \$2.43 during the same periods

"In summer feeding 2-year-old steers on a mixed grass pasture, we also found that the use of linseed meal with corn gave considerably larger gains than corn alone, and with correspondingly larger gains than corn alone, and with correspondingly larger profits. Twenty-three per cent more grain was required when no linseed meal was used, and the cost of producing 100 pounds of gain was 13 per cent greater without than with the linseed meal, which formed only 10 per cent of the ways and the cent of the ways are the cent of the ce cent of the grain ration. At the time this experiment was performed, corn was worth 33 cents a bushel and linseed med cost \$25 at the Hall the time of the cost \$25 at the Hall the time of the cost \$25 at the Hall the Hall the cost \$25 at the Hall cost \$25 a ton. Had the linseed meal cost \$44 a ton instead of \$25, the cost in the cost state of predictions. of producing gains would have been the same in both lots. With the use of parastrover (stalks) as roughage in a winter experiment, we found the same thing true, which we might reasonably expertas the stalk of the corn plant is even as the stalk of the corn plant is even more deficient in protein than is prairie

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Specializing for Better Prices.

It is needless to say that very few fish tre caught with a bare hook; it must be are caught with a bare hook; it must be covered with something that appeals to and stimulates the appetite. The large, fat grub is what will attract the large fish while the minnows will nibble at the ordinary worm. It is by furnishing the tempting bait as to the quality of the product that good prices can be obtained that will leave a margin for profit over that will leave a margin for profit over

that will leave a margin for profit over the cost of production.

The saying that "there is room at the top of the ladder" is as true with the farmer's products, as with the profes-sional men. The genius who can develop an article of extraordinary merit as to quality, can command a good price for his smoduct. This fact was emphasized to a quality, can command a good price for his product. This fact was emphasized to a great degree when I was visiting a dairy farm, and the poultry, which was a subsidiary business, seemed to be paying a good profit, for the milk-fed broilers were selling for 50 cents per pound early in the season, and at 35 cents per pound in midsummer. It was a case where quality was appreciated and willingly paid for. The rule will hold good with nearly, if not all, that is produced on the farm. If

not all, that is produced on the farm. If one develops a kind of grain that is very productive, it is profitable to raise at the going prices, and it will be in demand for seed at an advanced price. The fruit growers plant, train and feed their trees to make them thrifty, and when they bear fruit they weed out on the tree the inferior specimens, leaving only the perfect fruit to mature, and when picked and exposed in the market, there is keen competition for it, for there is quality that appeals to the taste in looks as well as to gratify the appetite. The luscious fruit that carries size, beauty and flavor, never goes begging for buyers in these days when money is plentiful. We do not hear of overproduction in the way of first class fruits; there seems to be a demand for all that can be produced at a remunerative price. If there is ever any fruit for which there is not a good demand, it is of the ordinary kind and inferior in quality.

How to Select Seed Corn.

In case one has no "special seed plot," in which his best and earliest maturing cars were planted, it is then necessary that his seed corn be selected from the The most practical method to do this is to go through the field with a sack tied across one's snoulder and select the choicest and best-maturing ears. Two rows of corn may easily be examined at once. During the process of selection, consideration of the strength and charconsideration of the strength and character of the stalk, the height of the ear from the ground, and the size of the shank, should be noted. A stalk does not necessarily have to be large to be a big producer. A tall spindling plant bulges very easily. The stalk should be of good size and strong at the base, gradually tapering, and not necessarily tall. Strong, vigorous stalks, of medium tall. Strong, vigorous stalks, of medium height, usually produce the best and earliest matured ears. The ear should be attached to the stalk by a mediumsized shank, which is long enough to allow the tip of the ear to hang down.

All ears in a corn field will not mathre at the same time. A variation of fifteen days in maturing of ears in a field is not uncommon. One of the reasons why a good selection of corn can not be ande from the shock, or from the field late in the fall, is that one is not able to

tell the time the ear matured. Desirable ears may mature ten or fif-ten days later than the average freezing time; and, if those are selected, they will Again, if orn is left unhusked until late, the busks prevent the ear from drying out properly; and, as a consequence, it is likely to be frozen before it is husked, or at least before it has had time to dry out after husking.—C. P. Bull, Minn.

Storing Seed Corn.

After time has been spent selecting seed corn, it would be folly to store it in a place where it would not keep. Freshly gathered seed corn should not be left in piles in a warm room, or on the floor. It will either sprout, mold or both. Always store seed corn where there is a good circulation of air, so it will dry out quickly. Never leave it in boxes, in piles, on the porch or in the barn. It should be taken care of at once.

There are only three necessary conditions for storing seed corn; and, if these are followed, one may be reasonably sure that 95 per cent or more of his corn will germinate, provided it was properly matured. First, there must be a good circulation of air about each ear, to carry away the surplus moisture. Second, a temperature must be maintained above freezing, until the seed is thoroughly dry. Third, seed corn must be selected early enough, so that it may have plenty of Is your farm the most attractive in your locality? Could you sell out for more than the place cost you?



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time to dry before cold weather.

Numerous tests of seed corn have been made. Of all the thousands of samples tested, those that were taken from a house attic, where there was a good circulation of air, gave the highest per cent of germination. Second in per cent of germination was seed corn stored in a cellar in which there was a heating plant. Cellars without furnaces are usually damp and undesirable for storing. Sam-ples of seed corn stored in oat bins, on pies of seed corn stored in oat bins, on porches, under the eaves of barns, and in open sheds, have also been tested; and they usually gave tests too low for the seed to be of value for planting. It is easily seen that seed corn kept in an attic or an unusued second story room can have the required conditions for drying; namely, good circulation of air, and an even temperature, above the freezing point.—Leon Robbins, Minn.

Dry Farming in the Future.

"Dry farming," or the science of agriculture under scant rainfall, made good where the farmer followed directions, but thousands failed because they did not heed the advice of experts. These fail-ures have turned out to be a blessing in disguise for the high plains regions, because the advocates of "dry farming" were forced to take a broader path. Conservation of moisture in the soil is at the bottom of their theory and practice. Many thought of moisture only as direct rainfall upon their cultivated acres. But there is a limit to rainfall under which no plan of storage and cultivation will avail to produce crops. The season of 1910 went under the limit in many of the newly settled regions of Texas, New Mexico, Colorado and western Texas, New Mexico, Cotolard and value and Kansas and, following a year like 1909 which also was dry, there was no moisture in reserve in the soil.

Discouragment and disaster followed,

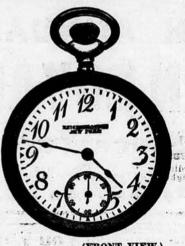
but the wise heads among the agricultural pioneers of the high plains declined to stay whipped. They saw a great light and from the dawning thereof there has come about an ideal union of "dry farming" and irrigation development all over the Southwest, that promises to reclaim literally millions of acres of land millions of acres now scantily yielding,

richly productive. This is to be accomplished by storage

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Watch Department, Kansas Farmer TOPEKA, KANSAS

of the storm waters, and utilization of the underflow by pumping and the devel-opment of artesian belts, the newest of which is located in southwest Kansas, overlapping the borders of Colorado into Baca County, the southeast corner of that State.—A. T. Stinel. The entire resources of the state of Missouri can be seen at the Inter-State Live Stock and Horse Show to be held in St. Joseph September 25 to 30. The experiment station of the State University at Columbia will have a live stock, agricultural and industrial exposition there displaying the features of the entire state's marvelous resources and development.

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LIVE STOCK



"Almost every wrong act of the horse is caused by fear, excitement or mismanagement," said a great horseman. This is true today, and if the horse does a wrong thing look to his driver for the

A good horseman never trots a draft horse, even when he has no load. That is not what they are for. Some degree of speed is desirable, however, even in a drafter and the fast walk is not only the proper thing, but the only speeding to which a heavy draft horse should be permitted.

Colts cannot be kept looking well or doing their best when fed dry teed alone, especially if they be allowed to stuff themselves with hay. If they run with their dams and have plenty of green grass they are at their best. In the absence of grass the silo will supply the best substitute and alfalfa hay the next

Bacon hogs have long noses and breeders say that long nosed hogs always produce better bacon than do short nosed ones. It is also true that the bacon breeds respond to good feed and care so rapidly that in a few generations their type may change and they cease to be bacon hogs. The most remarkable transformation of this kind is found in the mule-footed hog.

Notwithstanding the extensive use of the steam cars, the great increase in the trolley lines, all of which are well patronized, the advent of the automobile that is utilized to such an extent that it is the "car for the million," good horses that are well proportioned and present a comely appearance, bring good prices. In fact, at no other period in the history of the country have good horses paid better profits over and above the expense of raising than at the present time.

Southern Kansas had a rather poor corn crop last year and this season's crop is not up to standard in all parts. Whatever has been lost will be more than made up by the silos, large numbers of which are being erected there, and by the great increase in yield of alfalfa seed. From Whitewater, in Butler county, alfalfa seed is being shipped out by the carload and, as each car is worth about \$7000, it will be seen that dry seasons have their pleasant features.

Kansas seriously needs more dairy cattle, and breeders in other states are becoming alive to this fact. Holsteins and Jerseys are bred here and are fairly and Jerseys are bred here and are harry plentiful, though not nearly enough so, but the other dairy breeds are all too scarce. The state fair at Topeka showed Guernseys, Ayrshires, Brown Swiss and Dutch Belted cattle and great interest was shown in them, though the Holsteins and Jeweys predominated and there and Jerseys predominated, and there was a plentiful sprinkling of the dual purpose breeds. Most of these little known breeds came from other states.

Much attention is paid by breeders to breed characteristics, and this is as it should be. It is their business to perfect the breed they have and all of our present excellence is due to their work. But the fact remains that the hog, for instance, is not intended as a parlor or-nament, but as an economical machine for converting feed into higher priced pork. Any breed that cannot produce these results will not last long and should not. Pure bred stock is valuable because it is the only kind that may be relied upon to produce meat or milk at a profit.

There would seem to be a growing demand for bacon hogs in the corn belt. This region has always been characterized by a great predominance of the lard type and it has been claimed that there was no market for the bacon type. Of late, however, there has been a decided change in public sentiment and a number of the best breeds of bacon hogs are now represented by thriving herds in Kansas and adjacent states. The Hampshire seems to lead, though considerable interest had also developed in the Tamworths and Yorkshires. Except for their unfamiliar appearance the bacen hog

cannot be objected to. He is a profitable animal and is said to be much less liable to attacks by cholera than the members of the lard type.

The farmers who have the well-bred, 'sappy" steers that carry the well mar-bled beef which is toothsome for the epicure, the banker, the factory man or the skilled laborer in any and all classes of work, has something for which there is a demand at good prices. The same is true of the lambs. A good class of lambs, which are developed while young, sell at a good remunerative price, even sell at a good remunerative price, even in this year of depression in the sheep business. Although hogs are not as high in price as during the last two or three years, yet the pigs of the right sort that are developed while young and sold early meet a demand that pays well for the raising.

Government Buys More Morgan Horses.

The Bureau of Animal Industry of the United States Department of Agriculture has just purchased in Meade county, Kan., four additional horses for use in the government breeding work that is being carried on in Vermont with the being carried on in Vermont with the object of preserving and improving the Morgan breed. These animals are the 7-year-old Morgan mare, Fanny P. (Vol. III, A. M. R.), two yearling fillies by Headlight Morgan (a son of Ethan Allen 2d), and a colt foal out of Fanny P. by Headlight Morgan. One of the fillies is out of Fanny P., and the mare is again in foal to Headlight.

These borses are among the decrease of the solution of the fillies is out of Fanny P.

These horses are among the descendants of a large consignment of selected animals purchased in Vermont and Illinois in the early 90's by the Morgan Horse Company of Carpentersville, Ill., and sent to southwestern Kansas to take advantage of cheap pasture there. Unfortunately, however, and partly on account of the depression in the horse account of the depression in the horse market several years ago, the venture was not a success, the company disbanding and the horses being scattered over a wide territory. Some of this stock still remains in Kansas and Oklahoma.

The animals bought by the government will be taken to the Morgan Horse Farm at Middlebury, Vt.

But They Are Marketed Sooner.

Today the average weight of hog-finding their way to market is very much less, perhaps from 125 to 300 pounds; the bulk from 200 to 250 pounds. Now assuming that the average 20 years ago was 250 pounds, the average now will have the average at least 170 to 180 at least 1900. assuming that the average 20 years ago was 250 pounds, the average now will hardly go over 170 to 180, at least 200 pounds is amply high at present as the average. This feature alone means a difference of averages of fully 20 per cent, and possibly this will hardly over the least in the average weight.

the loss in the average weight.

In other words, the normal supply in pounds has decreased 20 per cent and the farmer who formerly fed and marketed 50 hogs must now market 60 in order that the normal supply be kept up. And it hardly seems to me that 20 per cent is sufficient to cover the shrinkage in average weight, but that 25 or 30 per cent would more nearly represent the loss from this source. And to make a rough estimate of the number of hogs necessary to be kept on the average farm new, as compared with 10 or 15 year sago. must be fully 33 per cent, or where 50 were kept by the farmer then, 75 must be kept now to supply the same number of pounds, and this is not all. If the farmer attempts to market 150 hogs in a year he must of necessity keep more brood sows, which adds not only to the ex-pense of maintaining such a herd, but also adds to the liability of more loss in nigs as but four formal to pigs, as but few farmers are fixed to maintain this output as successfully as the one marketing only 20, 30 or 50 hogs in the year. Then in addition to this loss in average weight of marketable hogs, comes the report of a decrease in number of such hogs in the large markets during the last year of 4,000,000 kets during the last year of 4,000,000 head. Now what does this suggest to you? Is it any wonder prices of hogs are soaring? But this is not all. Each year adds about one and a half million immigrants to our most setting normal. immigrants to our meat-eating population, mostly non-producers, and does the thinking man imagine for a moment these conditions combined will ever

lessen, to any great extent, the cost to the consumer of meat products? From the farmer's standpoint, these prices are not much if any too high considering the prices of feed and land. In fact, he has just recently come into possession of his own, or in other words, he is now receiving no more in proportion than he should have been receiving all these years.—Gid.

Building Up the Live Stock Industry. Live stock is the foundation of all systems of permanent agriculture and agriculture is, in turn, the base upon which rests the superstructure of all

national prosperity.

No country on earth has ever continued to prosper without live stock as a vitally to prosper without live stock as a vitally important part of its agriculture and none can do so. The crops from the soil supply nutrition for the animal body and the waste products of our barns and feed lots furnish food for the plants. Neither can long exist without the other. The grain farmer flourishes for a time, but with every load of grain he sends to market he sells a portion of his farm. If not during his lifetime, then in the time of his children, will his farm become worn and worthless.

High-priced land or high-priced feeding stuffs should not shorten the production of live stock. The cheap cattle of the ranges were possible only because of the cheapness of the land. With the increase in the price of land has come an improvement and more general distri-bution of high class cattle and these are more profitable and more economical than the range steer ever was or could become.

Farmers generally are a conservative people and this is one of their most valued characteristics, yet it seems to stand in their own way at times. The farmer who gives thought to the matter can easily see how impossible it is for him to hope for success in raising cheap, his high priced land.

On the other hand, he can easily see that a good animal which will put on flesh rapidly and that of the highest quality and which will reach a marketable condition in a few months, instead of several years, is the only one he can afford to grow.

The farmer must have live stock and present conditions demand that he keep good live stock or fail.

Wheat or Live Stock?

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In discussing the wheat farmer and comparing him with the live stock farmer, an editorial writer in Hoard's Dairy-

man has this to say:

"Every state and portion of a state that made wheat raising a staple had to change in order to save itself from absolute destruction of its farming interests. A certain proportion of farmterests. changed their entire method of thinking and of farming and became exponents of animal farming of some kind, to the great enrichment of their farms. Those who could not change went west, where the same process of evolution went on as in the east.

"The wheat farmer, as a rule, is the poorest farmer in form, spirit and practice that the country produces. The business attracts him because of two things: its simplicity, its lack of steady twelve-month employment, and its quick returns. At the best, it is a spendreturns. thrit style of farming, destructive of fertility, demoralizing in its effects on the mind and habits of the farmer and fearfully wasteful of the wealth and Prosperity of the state.

"Compare, for instance, the evidences of wealth and prosperity of Southern Wisconsin today, with its great herds of cow. its splendid barns, silos, outbuildings and homes; its well fenced, well kept farms, with its great crop of corn, clover and alfalfa, and, furthermore, the substantial wealth of its farmers, with what existed here in the days of wheat growing. All the live stock the wheat farmer wants about him is two or three teams and a couple of cows. Everything is in the most primitive condition and the mind of the farmer himself soon reverts to just that condition if he does not change to a class of farming that calls for a larger development of his

thought and brain.

The business of wheat farming attracts, as a rule, the most superficial class of farmers. They do not really build up a community or state; they waste the stored-up fertility of the soil, sell out and move on. Modern farming and the spirit of modern agriculture is busy with the thought and purpose of treating and educating an altogether different class of farmers, the prosperity which has come to those states that are following the leadings of this spirit is narked, so great, that it ought not

to cause us to cast longing eyes upon any section of country that has nothing more to offer than wheat growing."

OFFICIAL KANSAS GRADES.

Under provisions of chapter No. 222, Laws of 1907, the Grain Grading Commission appointed under said act, met pursuant to published call at the Governor's office in Topeka, Kansas, on the 31st day of July, 1911, and established the following grades of grain, to be known as Kansas Grades, to be in effect on and after the 1st day of August, 1911.—J. G. Maxwell, McPherson; Thomas Page, Topeka; A. T. Rogers, Beloit, Grain Grading Commission.

Bule 1.—Wheat which has been subjected to "scouring," or to some process equivalent thereto, or containing a n objectionable amount of rye, shall not be graded higher than No. 3.

GENERAL.

amount of rye, shall not be graded higher than No. 3.

GENERAL.

Bule 2.—All wheat, corn, oats, barley, rye and Kafir corn that is in a heated condition, souring, or too damp to be safe for warehouse, or that is badly bin-burnt, fireburnt, fire-smoked, or badly damaged, dirty, or where different kinds of grain are badly mixed with one another, shall be classed "Sample Grade," and the inspector shall make notation as to quality and condition; and whenever it is evident that wheat screenings or other dirt has been mixed into wheat, the same shall not be graded better than Sample Grade.

LIVE WEEVIL.

Bule 3.—Wheat containing live weevil shall not be graded, but the inspector shall give the variety of wheat and test weight, and note "Live Weevil."

PLUGGED CARS.

Bule 4.—Inspectors shall in no case make the grade of grain above that of the poorest quality found in any lot of grain inspected, where it has evidently been "plugged" or otherwise improperly loaded for the purpose of deception.

REASONS FOR GRADING.

Rule 5.—All inspectors shall make their reasons for grading below No. 2 fully known by notation on their report. The weight alone shall not determine the grade.

THE WORD "NEW."

Rule 6.—The word "New." shall be inserted in each certificate of inspection of newly harvested wheat until September 1 of each year.

REINSPECTIONS.

harvested wheat until September 1 of each year.

REINSPECTIONS.

Rule 7.—All orders for reinspection must be in the office within the first forty-eight hours following the original inspection, and in no case will grain be reinspected after a lapse of three days from the date of the original inspection.

CLAIMS.

Rule 8.—All claims for damages against the inspectors or weighmasters must be filled in the office before the grain has left jurisdiction of this department.

MIXED WHEAT.

Rule 9.—In case of an appreciable mixture of hard and soft wheat, red and white wheat, durum and spring wheat, dark hard and yellow hard wheat, with each other, it shall be graded according to quality thereof and the kind of wheat predominating, shall be classed No. 1, 2, 3 or 4 Mixed Wheat, and the inspector shall make notation describing its character.

SULPHURED GRAIN

Rule 10.—All oats or barley that has been chemically treated with sulphur shall be classed as "Sulphured Grain," and inspectors shall note same on certificate of inspection.

NOTICE.

These official Kansas Grades are given

Ruie 10.—All oats or barley that has been chemically treated with sulphur shall be classed as "Sulphured Grain," and inspectors shall note same on certificate of inspection.

These official Kansas Grades are given us by the Grain Grading Commission, and will be the basis of all inspections made. Misunderstandings can be avoided by interested parties making themselves familiar with these rules.

D. R. GORDEN,
Chief Inspector.

HARD WINTER WHEAT.

No. 1 Dark Hard.—Shall be hard winter wheat of the dark variety, sound, sweet, dry, plump and clean, and shall weigh not less than sixty-one pounds to the bushel.

No. 2 Dark Hard.—Shall be hard winter wheat of the dark variety, sound, sweet, dry, plump and clean and shall weigh not less than fifty-line pounds to the bushel.

No. 3 Dark Hard.—Shall be hard winter wheat of the dark variety, sound, sweet, dry; may be some bleached, but not clean or plump enough for No. 2, and shall weigh not less than fifty-six pounds to the bushel.

No. 4 Dark Hard.—Shall be hard winter wheat of the dark variety, tough, sprouted, or from other causes so badly damaged as to render it unfit for No. 3.

HARD WINTER WHEAT.

No. 1 Yellow Hard.—Shall be hard winter wheat of the yellow variety, sound, sweet, dry, plump and clean, and shall weigh not less than fity-nine pounds to the bushel.

No. 2 Yellow Hard.—Shall be hard winter wheat of the yellow variety, sound, sweet, dry, plump and clean, and shall weigh not less than fifty-nine pounds to the bushel.

No. 3 Yellow Hard.—Shall be hard winter wheat of the yellow variety, sound, sweet, dry, plump and clean, and shall weigh not less than fifty-nine pounds to the bushel.

No. 3 Yellow Hard.—Shall be hard winter wheat of the yellow variety, sound, sweet, dry, plump and clean, and shall weigh not less than fifty-six pounds to the bushel.

No. 3 Yellow Hard.—Shall be hard winter wheat of the yellow variety, sound, sweet, dry, plump and clean, and shall weigh not less than fifty-five pounds to the bushel.

No. 3 Red Winter.—Shall be red winter or

sound, sweet, dry, plump and clean, and shall weigh not less than fifty-eight pounds to the bushel.

No. 2 White Winter Wheat.—Shall be sweet, sound, dry and clean, and not centain more than 8 per cent of red winter or hard winter wheat, and shall weigh not less than fifty-six pounds to the bushel.

No. 3 White Winter Wheat.—Shall be sound, sweet, dry, may be some bleached, but not clean or plump for No. 2, and contain not more than 10 per cent of red winter or hard winter wheat and shall weigh not less than fifty-three pounds to the bushel.

No. 4 White Winter Wheat.—Shall include tough, musty, dirty white winter wheat, not to contain more than 10 per cent of red winter or hard winter wheat, and shall weigh not less than fifty pounds to the bushel.

No. 1 Northern Hard Spring.—Must be northern-grown spring wheat, sound, sweet, dry and clean, more than 50 per cent of the hard varieties, and weigh not less than fifty-seven pounds to the bushel.

No. 2 Northern Hard Spring.—Must be northern-grown spring wheat, not clean, sweet or sound enough for No. 1 more than fifty per cent of the hard varieties, and weigh not less than fifty-six pounds to the bushel.

No. 3 Northern Hard Spring.—Must be northern-grown spring wheat of inferior quality, more than 50 per cent of the hard varieties, and weigh not less than fifty-six pounds to the bushel.

No. 4 Northern Hard Spring.—Shall include all inferior, shrunken, northern-grown spring wheat of inferior quality, more than 50 per cent of the hard varieties, and weigh not less than fifty-six pounds to the bushel.

No. 4 Northern Hard Spring.—Shall include spring wheat that is badly damaged, more than 50 per cent of the hard varieties, and weigh not less than fifty-six pounds to the bushel.

No. 2 Dark Spring.—Shall be spring wheat of the dark variety sound, sweet, dry, clean and of good milling quality, and shall weigh not less than fifty-six pounds to the bushel.

No. 2 Dark Spring.—Shall be spring wheat of the dark variety, sweet, but may be some bleached and shrunken, and

WHITE SPRING WHEAT.

The grades of Nos. 1, 2, 3 and 4 White Spring Wheat shall correspond with the grades Nos. 1, 2, 3 and 4 dark spring wheat, except they shall be of the white variety.

DURUM (MACARONI) WHEAT.

No. 1 Durum.—Shall be bright, sound, sweet, dry and clean durum wheat, and shall weigh not less than sixty pounds to the bushel.

No. 2 Durum.—Shall be sound, sweet, dry and clean durum wheat, and shall weigh not less than fifty-eight pounds to the bushel.

and clean durum wheat, and shall weigh not less than fifty-eight pounds to the bushel.

No. 3 Durum.—Shall be dry, sweet, may be some bleached or from any cause unfit for No. 2, and shall weigh not less than fifty-five pounds to the bushel.

No. 4 Durum.—Shall include durum wheat that is tough, bleached, or shrunken, and shall weigh not less than fifty pounds to the bushel.

PACIFIC COAST RED AND WINTER

WHEAT.

No. 2 Pacific Coast Wheat.—Shall be dry, sound, clean, may be tainted with smut and alkall, and weigh not less than fifty-eight pounds to the bushel.

No. 3 Pacific Coast Wheat.—Shall include all other Pacific coast wheat, may be smutty or for any reason unfit for flouring purposes, and weigh not less than fifty-four pounds to the bushel.

(Note.—In case of a mixture of red or white Pacific coast wheat with our homegrown wheat, such mixture shall be graded Pacific Coast Wheat.)

No. 1 Rye.—Shall be plump, sound, dry and free from other grain and well cleaned.

No. 2 Rye.—Shall be plump, sound and clean.

No. 3 Rye.—May be shrunken, bleached, and not clean enough for No. 2.

No. 4 Rye.—To include all tough, musty

and not clean enough for No. 2.
No. 4 Rye.—To include all tough, musty
or dirty rye unfit for No. 3.
OATS.

or dirty rye unit for No. 3.

No. 1 White Oats.—Shall be pure white oats, dry, sweet, sound, clean, and free from ether grain.

No. 2 White Oats.—Shall be seven-eighths white, sound, dry, and contain not more than 1 per cent each of dirt or foreign matter or 3 per cent of other grain.

No. 3 White Oats.—Shall be seven-eighths white, sound, dry, and not more than 3 per cent of dirt or foreign matter nor 5 per cent of other grain.

No. 4 White Oats.—Shall be seven-eighths white, tough, musty, or from any cause unfit for No. 3.

RED OATS.

white, tough, musty, or from any cause unfit for No. 3.

RED OATS.

The grades of Nos. 1, 2, 3 and 4 Red Oats shall correspond with the grades of Nos. 1, 2, 3 and 4 White oats, except that they shall be of the red variety.

No. 1 Mixed Oats.—Shall be mixed oats of various colors, dry, sound, sweet, clean, and free from other grain.

No. 2 Mixed Oats.—Shall be mixed oats of various colors, dry, sound, sweet, and not contain more than 2 per cent of dirt; or foreign matter or 3 per cent of other grain.

No. 3 Mixed Oats.—Shall be mixed oats of various colors, sweet, and shall not contain more than 3 per cent of dirt or foreign matter or 5 per cent of other grain.

No. 4 Mixed Oats.—Shall be mixed oats, tough, dirty, or from any cause unfit for No. 3.

STANDARD WHITE OATS.

STANDARD WHITE OATS.

Shall be seven-eighths white, sound, sweet, and shall not contain more than 3 per cent of dirt or foreign matter or 5 per cent of other grain.

BARLEY.

No. 1 Barley.—Shall be sound, bright, sweet, clean, and free from other grain.

No. 2 Barley.—Shall be sound, dry, and of good color.

No. 3 Barley.—Shall include shrunken, stained, dry barley unfit to grade No. 2.

No. 4 Barley.—Shall include tough, musty, dirty barley.

No. 4 Barle, dirty barley.

dirty barley.

SPELTZ.

No. 1 Speltz.—Shall be bright, sound, dry, and free from other grain.

No. 2 Speltz.—Shall be sound and dry, and not contain more than 10 per cent of other grain.

No. 3 Speltz.—Shall be dry, not sound

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enough for No. 2, and contain not more than 10 per cent of other grain.

No. 4 Speltz.—To include all speltz that is dirty, musty or tough.

CORN.

The following maximum limits shall govern all inspection and grading of corn:

Grade.

Percentage of exclusive of bin-burned... 10

WHITE CORN.

No. 1 White Corn.—Shall be pure white corn, and sweet.

No. 2 White Corn.—Shall be fifteen sixteenths white, and sweet.

No. 3 White Corn.—Shall be fifteen-sixteenths white and sweet.

No. 4 White Corn.—Shall be fifteen-sixteenths white, but shall include tough, musty, and damaged corn.

YELLOW CORN.

No. 1 Vellow Corn.—Shall be pure vellow.

No. 1 Yellow Corn.—Shall be pure yellow corn, and sweet.
No. 2 Yellow Corn.—Shall be seveneighths yellow, and sweet.
No. 3 Yellow Corn.—Shall be seveneighths yellow, and sweet.
No. 4 Yellow Corn.—Shall be seveneighths yellow, but shall include tough, damaged or musty corn.

MINTED CORN

MIXED CORN. MIXED CORN.

No. 1 Mixed Corn.—Shall be corn of various colors, and sweet.

No. 2 Mixed Corn.—Shall be corn of various colors, and sweet.

No. 3 Mixed Corn.—Shall be corn of various colors, and sweet.

No. 4 Mixed Corn.—Shall be corn of various colors, but shall include tough, damaged or musty corn.

aged or musty corn.

KAFIR CORN.

No. 1 White Kafir Corn.—Shall be pure white, of choice quality, sound, dry, and well cleaned.

No. 2 White Kafir Corn.—Shall be seveneighths white sound, dry, and clean.

No. 3 White Kafir Corn.—Shall be seveneighths white, not dry or clean or sound enough for No. 2.

No. 4 White Kafir Corn.—Shall be seveneighths white, tough, damaged, musty or dirty.

RED KAFIR CORN.

The grades of Nos. 1, 2, 3 and 4 Red Kafir corn shall coffeepond with grades Nos. 1, 2, 3 and 4 White Kafir corn, except that they shall be of the red variety.

MIXED KAFIR CORN.

MIXED KAFIR CORN.

No. 1 Mixed Kafir Corn.—Shall be mixed Kafir corn of choice quality, sound, dry, and well cleaned.

No. 2 Mixed Kafir Corn.—Shall be mixed Kafir corn, sound, dry and clean.

No. 3 Mixed Kafir Corn.—Shall be mixed Kafir corn, not clean, dry or sound enough for No. 2.

No. 4 Mixed Kafir Corn.—Shall be mixed Kafir corn, tough, musty or dirty.

MILO MAIZE.

No. 1 Milo Maize.—Shall be milo maize of

MILO MAIZE.

No. 1 Milo Maize.—Shall be milo maize of choice quality, sound, dry and well cleaned.

No. 2 Milo Maize.—Shall be milo maize that is sound, dry and clean.

Ne. 3 Milo Maize.—Shall be milo maize that is not dry or sound enough for No. 2.

No. 4 Milo Maize.—Shall include all milo maize that is tough, musty or dirty.

The foregoing are the rules adopted by the Kansas Grain Inspection Department establishing a proper number and standard of grades for the inspection of grain. The same to take effect on and after August 1, 1911, in lieu of all rules on the same subject heretofore existing.

D. R. GORDEN, Chief Inspector, 306 Husted Building, Kansas City, Kan.

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double sills through the middle.

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The Cost of Milking.

"What does it cost to milk a cow?" is a question raised by a correspondent. "This depends upon the milker, the cow, the time in her period of lactation, the environment an the method employed. Every man knows that there is a wide difference in the time required by dif-ferent milkers to milk the same cow; strength, temperament and endurance being variable in men, their ability to milk fast or slow is therefore dependent upon these factors. The cow may be an easy milker, or a hard milker. former, the cost of taking the milk from her would be much less. She may have come fresh but recently or may be ready to go 'dry.' The cost of milking her would be determined, in part, by the amount of milk she gives. The surroundings would affect the process and then make it more or less agreeable and convenient for the milker and also impair or encourage the secretion of milk by the cow, hence these would influence the cost, as would also the method of milking, for if one was endeavoring to secure the purest milk possible he would need to exercise greater precaution than where ordinary methods were employed. The providing of white suits, the washing of the cows' udders, the cleaning of the hands after the milking of each cow, the weighing of the milk, the recording of the weight, the taking of a sample for the testing of fat, would all add expense to the operation.

"But, throwing aside these abnormal features and take average conditions, cows and milkers, we find upon observation, that it requires about ten minutes to milk a single cow. Where the man who milks is securing \$30 per month for his labor a little figuring will tell us that ten minutes of this man's time is worth 1.91 cents where he is expected to work 260 hours per month. This means on an average, it costs the man who has ten cows, 40 cents a day, \$2.80 a week, \$12 a menth, or about \$120 a year to milk these animals, allowing that each cow is milked ten months of the year.

"But there is another consideration that requires the careful investigation of every owner of dairy animals in connection with the cost of milking, and that is the amount of milk wasted in the operation. Experiments by Gurler extending over two winters show that the shrinkage in the cows milked by the poorest milker and by the best milker employed by him was 9.5 pounds and 1.88 pounds, respectively, per head per day, or a difference of 7.62 pounds. For ten cows this would mean 76.2 pounds per day, 533.4 pounds per week, or over 20,000 pounds for 40 weeks, an amount of milk worth about \$200. The best milker saved to the owner of the cows he milked \$200 worth of milk that the poorest milker left in the cows' udder, thus wasting the milk and impair-

ing the future efficiency of the animals. "Therefore, in employing help to do this part of the work on the dairy farm one should know what constitutes good milker and understand that it is economy often to pay one man more than another or firmly refuse to hire certain ones at all. Only the strictest attention to the milk sheets and the cows will aid the owner to arrive at an answer to the question, What does it cost to milk a cow? When it is answered in the instance of some milkers and some cows, the milkers may be discharged or the cows sold and the farmer continue a self-respecting citizen of the community with a reputation of having good business judgment."

How to Select a Good Grade Cow.

The five points to be observed in the selection of good milking cows from grade or native cows are the prominent ones that will appear in all of the milking forms of the cattle race without regard to breed. We can give these points under numerical heads:

First. Observe with care and note as a first point, that the cow we are now passing upon has a large and ample sized body. Let this body extend from a point just back of the shoulder straight down to the lower part, also let it be included between the line that we mentioned and a line that we call imaginary that will extend from the hook or hip bone

straight down to the lower part of the body again. It is an excellent thing if the depth of the body is as strong or stronger at this last point as at any other point that we will call its depth. Sometimes this bodily capacity is composed to a certain extent in the length of the body. In either case we want a large, ample and capacious body. This body is needed and must appear, for the ample supply of milk must come from much food received and digested within the area that we have noted. This food content is there taken up into the blood. With this evidence of a good supply of blood we have a good start in estimating that we will have a good supply of milk, writes a correspondent in Hoard's Dairyman. Second. Look with care behind the

fore shoulder and observe if the backbone is prominent and if that part of the body which is called the crops is scantily covered with flesh; this does not mean that the animal shall be in poor condition; it only means that the animal is not inclined to use this blood to make flesh out of it. Beef cattle are full at this part of the body. We are selecting for milk. We want the ample supply of blood to go to the udder where the milk is made.

Third. Next go to the udder and see if it be reasonably large. Do not depend upon the eye to estimate this size. Many very good udders are contained largely within the body and their size is not apparent. You will see the fore-part of the udder, be it large or small. Take hold of the skin between the hindquarters. Up to the point where the skin ceases to be as loose as upon the other part of the body we can judge that the udder extends.

One can get a fair idea of the udder attachment to the body by drawing an imaginary line from the point last men-tioned to the front udder that we have seen; this will give one a distinct and positive line of attachment of the udder to the body. If that line is long, then we have the clasping form. In such a form we have nature's provision to re-ceive that ample supply of blood that this good body will produce.

Fourth. Now put the hand on what is known as the milk vein, which ex-tends from the udder along the lower part of the body to both sides; at the end of this vein will be found a hole through the body wall. This hole should be large enough to take the end of an average index finger; by pressing against the wall of the body for the space of about two inches in a varying direction a second hole may be found that will be about the size of a lead pencil. Look for these holes on both sides of the body. These holes through the body are for the return of the veins which take the blood to a very great extent from the udder. Here we find an absolute fact which indicates that the blood makes its circuit through the udder, or gland, where the milk is made. We can safely reason that from this abundance of blood we shall have an abundance of milk.

Fifth. Last of all, look and see if the eye of the animal is large and full. This largeness of the eye indicates a strong nerve systems. Digestion and milk secretion is the work of the nerve sys-The nerve system is the power that drives this animal milk machine.

These five points may be called degrees in cattle judging. We add a sixth. Use the scales and the Babcock test, and the cow has been brought to a sure cattle judgment. Any cow that will verify the six points will prove to be a good milker, unless she has been ruined by had handling or bad feeding.

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Can You Beat It?

A Wisconsin dairy farmer and his son make a report of their income for 1910, which may be of interest to Kansas dairy farmers, who have a great advantage in climate and the possession of a plentiful supply of alfalfa and other cheap feeds. supply of affairs and other cheap reeds. It is to be noted that these results were obtained through the use of the silo, in connection with good farming.

They own 80 acres of farm land which

they operate without any hired help all the year except only at the time of filling the silo. They maintain on this 80 acre farm a herd of 22 Holstein cows are larm a herd of 22 Holstein cows and 7 Holstein yearlings, four horses and a small herd of Chester White swine. All the feed used in 1910 ex-cept \$75 worth of bran and oil meal was raised upon the farm. This fact readily speaks for the productivity of the farm's speaks for the productivity of the farm's soil being maintained, when it is recalled that last year, like this year, was extremely dry during much of the growing season. The milk produced from the cows is disposed of to a nearby factory. The following is the income received from the live stock on this farm for the man 1910.

year 1910: Milk Checks From Factory.

MILK CHECKS L'ION	Lactory
January	184.96
February	168.45
March	180.78
Angil	165.09
May	216.94
June	144.15
July	
August	10.24
September	78.14
October	189.39
November	197.22

.....\$1,770.90 Total receipts from cows.......\$1,890.00

Sale of Hogs. rebruary\$114.00 March 60.00 April 381.00 September 114.00

Total.....\$ 871.25 Sale of four cows.....

Total live stock receipts for the

year _______\$3,002.15
The foregoing list of monthly milk checks shows that the 22 cows produced an average income of \$80.49 per cow for\$3,002.15

the year, a very satisfactory average.

If but one-half of the nearly 800,000 milk cows of Kansas would do as well as did this small herd, the farmers would add millions to their yearly income and would maintain the fertility of the soil, which continuous cropping without manure, rapidly depletes.

Some Holstein-Freisian History.

So remote, misty and uncertain is the origin of the famous Dutch breed of cattle of North Holland and adjacent provinces that it seems almost useless for us at this date to attempt to lift the veil which a score of centuries has woven to conceal the early history of this wonderful breed, which is now being disseminated throughout nearly all civilized countries and is enriching the

Prof. Hengerveld, who has been recognized as one of the best authorities on the Dutch breed, in writing the introduction to the Netherland herd book, says: "It may be taken for granted that the Dutch cattle trace their pedigree from the time when the French and Batavians settled on the banks of our great rivers,

about 100 years before our era."

"The origin and purity of the thoroughbred race may then be traced back 2000 years." Thus wrote an enthusiastic Dutch breeder, unquestionably a high authority, but whether during all these centuries they could be properly termed a "thoroughbred race" we will not pause to discuss at this time, but will merely say that at the time when Smith & say that at the time when Smith & Powell commenced importing, there was not a herd book published in the Netherlands, and in only one case did we find what seemed to be an accurate complete private herd registry. This exception was Jan Witt, who bred the Aaggie family.

The first herd book of the breed was the Holstein, published in America in 1872. The next general herd book was the Netherland, which was open to all the provinces of Holland and which admitted to the registry both black and white and red and white cattle. The next was the Friesians, confined to animals hand in the province. The next mals bred in that province. The next was the Dutch-Friesian, published in America in 1880.

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The objects and principles which were the foundation of all these associations

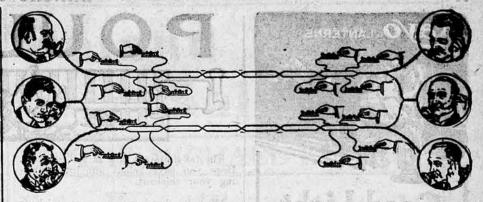
were nearly identical, viz., to continue in its purity and to improve the grand breed of cattle which for centuries had occupied the Netherlands, making that country not only famous but wealthy. As we look back over the history of the breed it seems that the slight difference of onlyion which existed in the minds of of opinion which existed in the minds of a few individuals regarding the origin of the breed and the name by which it should be designated were hardly of sufficient importance to have engendered such an intense feeling as existed between the two associations in America. Happily, these differences were amicably adjusted, and all joined in a harmonious, earnest and successful effort to improve and develop the breed. I will not occupy your time in reviewing the facts which have been so often repeated by visitors who have made a study of the question on the ground, which have been so often repeated through the public press, and have been so fully verified and established by history, viz., that for centuries Holland has been recognized as the greatest dairy country on the globe, produc-ing more milk per acre and more per ow than any other country. The Dutch method of improving a breed by selecting a slow process, but when persevered in for centuries, as it has been by these sturdy, determined, practical people, it becomes very effective. Compared with the methods pursued by our best Amer. the methods pursued by our best American breeders, where selection is combined with heredity and development is assisted by environment, the Dutch method seems exceedingly slow. By the judicious, intelligent use of all the means which have been proven by experiments to be effective in developing and improving a breed, America can make greater progress in a score of years than Holland has in a century, but is it not possible that we Americans go to the other extreme and attach too much importance to heredity and too little to individuality and selection? Both should be combined and to these and proper environment, including judi-cious development, and we will be enabled to advance rapidly and safely. It is not of as great importance to us today to know where the breed originated or what particular territory or province they occupied 2000 years ago or by what name, in view of that origin, they should be designated, as it is that we should join in improving and developing into a still greater breed the grand race of cattle which the Dutch people have carried down through many centuries, improving and developing them from generation to generation—from age to age—from century to century by selecting the best for reproduction, until for hundreds of years Holland has been recognized by historians as the home of the best and most profitable breed of dairy cattle on the globe, and these the Dutch have transmitted to us in comparative purity.

What an inheritance. As this great breed has enriched the Netherlands, so it should, as it extends its great in-fluence over the broad prairies of the west and the hilly but rich pastures of the east, enrich our nation.

Our early importers did a great work for us and for the whole country. "T builded better than they knew." should honor their memory by improving the grand breed of cattle they placed within our reach. Great credit is due any party who conceives an original idea, who sees and grasps a situation, which, when developed, adds to the comfort and the wealth of a nation, especially when such a person is ready to support his faith by his means and energy and make it his life work.—E. A. Powell, before the Minnesota Associa-

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Secretary Murray A. Cooper, of the Dorset Breeders' Association, Washing-ton, Pa., says: "As the chief mission of the Dorset is to provide autumn and winter lambs, it is well that the lambs shall be so cared for that they will make a rapid growth. They ought to go into the market in a plump condition and weighing like lead. This means that they must be managed with much skill and judgment, for it would be one of the easiest things imaginable to grow Dorset lambs dropped at the right season of the year and by good ewes that would be a disgrace to the breed."



Double Tracking The Bell Highway

Two of the greatest factors in modern civilization—the telephone and telegraph—now work hand in hand. Heretofore each was a separate and distinct system and transmitted the spoken or written messages of the nation with no little degree of efficiency. Co-operation has greatly increased this efficiency.

The simple diagram above strikingly illustrates one of the mechanical advantages of co-operation. It shows that six persons can now talk over two pairs of wires at the same time that eight telegraph operators send eight telegrams over the same wires. With such joint use of equipment there is economy; without it, waste.

While there is this joint use of trunk line plant by both companies, the telephone and telegraph services are distinct and different. The

tèlephone system furnishes a circuit and lets you do your own talking. It furnishes a highway of communication. The telegraph company, on the other hand, receives your message and then transmits and delivers it without your further attention.

The telegraph excels in carrying the big load of correspondence between distant centers of population; the telephone connects individuals, so that men, women and children can carry on direct conversations.

Already the co-operation of the Western Union and the Bell Systems has resulted in better and more economical public service. Further improvements and economies are

expected, until time and distance are annihilated by the universal use of electrical transmission for written or personal communication.

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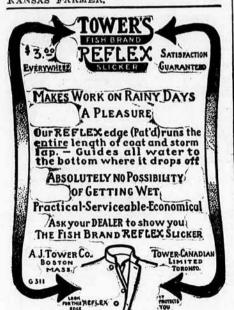
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OULTRY

The fall fairs are now in full progress. Hope you have helped out by exhibit-ing your chickens.

Next to showing one's own chickens at the fair, is the pleasure and profit of looking at other people's fancy fowls.

And while admiring the fowls would it not be a good idea to purchase some thoroughbreds for your own use next

Save the small potatoes and imperfect heads of cabbage and other waste vegeta-bles. They will all be relished by the hens in the winter.

There is no economy in feeding musty grain of any kind to the chickens, even if it can be had for a quarter of the price of good grain. The fowls will eat it, if other food is withheld, but it is not good for them.

The best time to build a poultry house is right now, so that it may be in readiness for the fowls by the time cold weather comes. Use well-seasoned lumber and see that the house is thoroughly dried out before putting the fowls in it.

Begin a systematic culling of the flock this month, and get rid of all unpromis-ing birds before cold weather sets in, and the fowls are put into winter quarters. Go over the birds carefully and discard all specimens that are badly defective, as well as all old birds that have out-lived their usefulness. These should be fitted for market and dis-posed of. Shut them up and feed nutriious food for a couple of weeks and see that they have plenty of good, clean water to drink. It will not pay to keep them a day after they are ready for

Only a few more weeks and all the feed the fowls get must be provided for them. They will need grain food, green food and animal food. The grain food is easily procurable, provided you have the price. For green food lay in a supply of second growth clover hay or alply of second growth clover hay or alfalfa. When scalded, this is almost as good as green clover, and the birds are fond of it. The problem of supplying animal food is easily solved. Buy a green bone cutter, get bones from the butcher and grind them up. If you cannot afford the hone cutter get the bones not afford the bone cutter get the bones and boil them, making a soup wherewith to moisten the mash feed. Then cut up the bones with an ax or a maul. In addition to the above, supply grit, char-coal and clean water, and your hens ought to lay all winter.

The early hatched pullets will soon be beginning to lay. It would be a good idea to watch these pullets and mark those that lay the earliest. The pullets that lay first and longest are ideal breeders from which to establish a prolific laying strain. Keep all such pullets and in the hatching season give their eggs to some good brood hen and keep the strongest of the chicks. When they have reached maturity, it must be remembered that the males as well as the females that the males as well as the females come from a laying strain. In mating them the following year, cull out all the poor layers and in a few years you will have a strain of heavy layers that will be a source of pleasure and profit to you. It is only by selection of the best and the elimination of the poorest, that the different strains of poultry can be imdifferent strains of poultry can be improved. To such a system is due the great improvement of the breeds of poultry we now have from the original jungle fowl of India. We have improved the fiesh in quality and also in quantity and the egg yield of a couple of dozen a year to two hundred and fifty eggs per year.

Dear Sir: Can you suggest some remedy for my chicken troubles. There were edy for my chicken troubles. There were symptoms of roup about six weeks ago but the chickens now do not show such symptoms. Two hens died that lost control of neck muscles. They were unable to hold their heads still and twisted the head in every way as if dizzy.

My young chicks some of them now are either getting stiff or lame in their legs and have no appetite.

I feed oats and some wheat and bran in a self-feeder in the a. m. In p. m. they have the range of farm and barns and stables. I'll be glad for any suggestion through the colums of your valuable paper.

I thought the lameness probably due to rheumatism but the weather has been very dry and hot except that we have not had over seven inches of rain since May first.

Ans .- The symptoms you describe indicate that your chickens are suffering from a disease called "limber-neck," because it affects the muscles of the neck, causing the head to drop down. This disease is caused by the fowls eating some putrid animal matter; a dead rabbit, or hog or fowl may be the cause. The remedy of course, is to keep the fowls away from such carrion.

A subscriber wants to know how to

make a kerosene emulsion. We gave a recipe for such not so very long ago, but as this is the season for cleaning the poultry house, it may benefit others to have the recipe. Here it is: Take two gallons of kerosene oil, half a pound of whole oil soap or a quart of home-made soft soap and one gallon of water. Dis-solve the soap by boiling in water. Then remove from the fire and immediately add the kerosene. Beat this mixture rapidly; yes, beat it violently until the emulsion is as smooth as beaten cream. Bear in mind, the vessel used in mixing this emulsion must be suf-ficently large to hold a considerable increase in measure, as the bulk is nearly or quite doubled in emulsifying. One part of emulsion to seven parts of water is used to dilute the mixture for application to poultry houses, drop boards and nest boxes. Add one to two ounces of crude carbolic acid to the diluted emulsion just before applying. This is a splendid disinfectant and insecticide to use about the poultry house. If thoroughly applied to all the cracks and crevices it will kill all the lice and mites infesting the house and make it a comfortable roosting place for the fowls during the winter. Apply it as often as you think necessary to keep away the vermin. It is a cheap ingredient and it is better to apply it too often than not often enough.

Could you tell me what kind of chickens sell best of the day-old incubator chicks? I would like to try raising some to ship next season and wonder what breeds there is most demand for.— Mrs. C. H.

Ans.—There is no data at hand whereby one could determine which breed of baby chicks sell the best. It would all depend upon what the customer wanted to do with the chicks; to raise them for broilers or to keep them for breeding purposes. If for broilers, the Plymouth Rocks, Wyandottes, Orpingtons and R. I. Reds are all good. If wanted for breeding purposes, the demand would call for a great variety of breeds, according to the individual preference of the pur-chaser. In order to find out which was the most popular fowl in the United States, the American Poultry Association, some six years ago, promised to publish an exclusive standard for such breed. It sent to the secretaries of all the principal poultry shows for the number of fowls of each breed that were exhibited at their shows. From the reports received, the Plymouth Rocks were decidedly in the majority, and won their standard. Similar reports were called standard. Similar reports were called for the next year, eliminating the Plymouth Rocks, and the Wyandottes were found to be the next popular fowl to the Plymouth Rocks. The next year the Leghorns won, and this year the Orpingtons came in ahead. Therefore we find that the Plymouth Rocks, Wyandottes, Leghorns and Orpingtons in the order named, are the most popular fowls in named, are the most popular fowls in the United States as determined by the greatest number exhibited at poultry shows. This might guide one as to which breed of baby chicks are most popular, as naturally the preference for the young chicks would be in about the same proportion as the like of the same proportion as the liking for the adult fowls.

A Ticket to California for \$25

That's what a one-way second-class ticket from nearly all Santa Fe stations in Kansas and Oklahoma to California may be bought for September 15 to October 15 inclusive. The same or corresponding fare from points on other lines in connecton with the Santa Fe.

If you buy one of these tickets you will save considerable money—in many cases as much as \$15. Isn't that worth something to you? If you contemplate visiting the Patific Coast, Arizona, Mexico, or a number of other places in the Southwest this fall, why not plan to go while these cheap tickets are

You may travel in tourist sleepers or free chair cars,—both carried on each of the Santa Fe's three fast trains that leave Kansas City daily. These

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are of latest design and have electric lights, good beds, large dressing rooms and men's smoking rooms. Very liberal stop-over privileges give chances to visit Grand Canyon, Yo-semite Valley and other points of in-terest.



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KANSAS FARMER, Topeka, Kan.

The Kansas State Fair (Continued from page 8.)

Exhibitor—I, Lamer; 2, Percheron Importing Company; 3, Robison.
Champlon Stallion, Owned by Exhibitor—Watson, Woods Bros. & Kelly on Gervaise; Reserve, Percheron Importing Company on Inclus.
Champlon Mare, Owned by Exhibitor—Robison on Ruth; Reserve, Corsa on Favorite.

Grand Display, Five Stallions—1, Lamer; 2, Percheron Importing Company; 3, Robi-

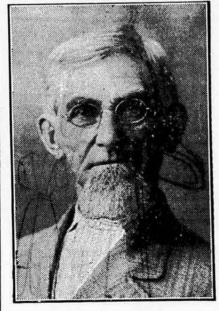
Grand Display, Five Stallions—1, Lamer; 2, Percheron Importing Company; 3, Robison.
Champion Stallion—Watson, Woods Bros. & Kelly on Gervaise.
French Draft.
Aged Stallions—1, Neiswender & Quincy on Samson. Three-year-old—1, 2 and 3, Rhea Bros. on Blue Boy, Blair and Tapejor, respectively. Two-year-old—1, Robison on Visor; 2, Rhea Bros. on Exeter; 3, Rhea Bros. on Prince.
Three-year-old Mares—1 and 2, Robison on Suzane and Castlle. Yearlings—1, Robison on Ellina.
Champion Mare—Robison on Suzane. Champion Mare—Robison on Visor.
Four Animals, Either Sex, Bred by Exhibitor—1, Robison.
Best Three Mares—1, Robison.
Yearling Stallion—1 and 3, Robison; 2, Jurgens on Champion.
Exhibitors—Percheron Importing Company, St. Joseph, Mo.; Shaffer & Son, Fulton, Kan.
Judge, J. H. Huston.
Aged Stallions—1, Percheron Importing Company on Fiston; 2, Shaffer & Son on



Dr. O. D. Wolf, Superintendent Cattle Department.

Daniel: 3, Shaffer & Son on Robert. Two-year-olds—1, Lamer on Bristol Kiel. Champion Stallion—Percheron Importing Company on Fiston. Shires.

Exhibitors—Percheron Importing Company, South St. Joseph, Mo.; Watson, Woods Bros. & Kelly, Lincoln, Neb.; Jacob Howald, Hoyt, Kan.
Judge—J. H. Huston, Blandinsville, Ill. Aged Stallion—1, Percheron Importing Company on Hobling Albert; 2, Watson, Woods Bros. & Kelly on Barton Forester; 3, Jacob Howald on King. Two-year-olds—1, Watson, Woods Bros. & Kelly on



JOSHUA BROWNING. Superintendent Sheep Department.

Nailstone Waggoner; 2, Percheron Import-ing Company on Prince Carlton. Champion Stallion—Watson, Woods Bros. & Kelly on Nailstone Waggoner.

German Coach Horses

German Coach Horses.

Exhibitors—C. W. Lamer, Salina, Kan.;
Held Bros., Hinton, Ia.; Weir & Son.
Judge—L. M. Monsees, Smithton, Mo.
Aged Stallion—I, Held on Enziu; 2, Weir & Son on Menelas; 3, Held Bros. on Rantner; 4, Lamer on Marchin. Three years
and under 4—I, Held Bros. on Edelfarst;
2, Weir & Son on Alfa ef Lawnsdale; 3,
Held Bros. on Von Moltke. Two years
and under 3—I, Held Bros. on Major; 2,
Weir & Son on Maximus. One year and
under 2—I, Weir & Son on Donald.
Aged Marcs—I, Weir & Son on Muti; 2,
Held Bros. on Die Noble. Two years and

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under 3—1, 2 and 3, Held Bros. on Thatus, Amorita and Hella, respectively. Champion Stallion—Held Bros. on En-

Champion Mare—Weir & Son on Muti. Four Animals, Bred by Exhibitor—Weir Son.

& Son.
Grand Display (5 stallions)—Held Bros.

Morgan Horses.

Exhibitors—Soward & Mignott; D. L
Viles, Lecompton. Kan.; Luscomb.

Judge—L. M. Monsees, Smithton, Mo.
Aged Stallions—1, Soward & Mignott on
Captain Morgan; 2, Viles on Mystic Morgan; 3, Luscomb on Colonel Mills.

Aged Mares—1, Soward & Mignott on
Geneva. Under 4 years—1, Soward & Mignott on
Geneva. Under 4 years—1, Soward & Mignott on
Marguerite.

Captain Morgan; 2, Viles on Mystic Morgan; 3, Luscomb on Colonel Mills.

Aged Mares—1, Soward & Mignott on Geneva. Under 4 years—1, Soward & Mignott on Marguerite.

Mules.

Pair (not less than 2400 pounds weight)—1, J. W. Bell, Topeka; 2, H. W. McAfee, Topeka.

Champion—To Bell.

Shorthorns.

Exhibitors—Tomson Bros., Dover, Kan.; Rapp Bros., St. Edwards, Neb.; C. S. Nevis, Chiles, Kan.; H. Rees, Pilger, Neb.; Saunders, Manilla, Ia.; Hall, Carthage, Mo.; Luckbaugh, Watonga, Okla.; White, Burlington, Kan.

Judge—T. G. Patterson, Manhattan, Kan. Aged Bull—1, Hall on Golden Grove; 2, Hall on Hallwood Stamp; 3, Rapp Bros. on Royal Cumberland; 4, Nevius on Hallwood Goods. Two years and under 3—1, Thompson on Imperial Vinton; 2, Saunders on Archer Cumberland; 3, Luckbaugh on Lenoras Prince; 4, White on Titus, Senior Yearling—1, Saunders on Royal Cumberland; 2, Rapp Bros. on Foxy Favorite; 3, Nevis on Searchlight Junior; 4, Thompson on Masterpiece. Junior Yearlings—1, Nevis on Prince Valentine; 2, Rapp Bros on Cash Tip; 3, Saunders on Prince Cumberland; 4, Luckbaugh on Violet Search. Senior Bull Calf—1, Rees on Royal Goods; 2, Hall on Hallwood Ladd; 3, Rapp Bros. on Pleasant Prince; 4, Tompson on Royal Knight. Junior Bull Calf—1, Saunders on True Cumberland; 2, Rapp Bros. on Pleasant Prince; 4, Tompson on Royal Knight. Junior Bull Calf—1, Saunders on Village Pride; 3, White on Great Scott; 4, Nevis on Searchlight K: Kansas Specials Bull, Any Age—1, White on Great Scott; 2, Nevins on Searchlight K: Kansas Specials Bull, Any Age—1, White on Great Scott; 2, Nevins on Searchlight K: Kansas Specials Bull, Any Age—1, White on Great Scott; 2, Nevins on Searchlight K: Kansas Specials Bull, Any Age—1, White on Great Scott; 2, Nevins on Searchlight K: Kansas Specials Bull, Any Age—1, White on Great Scott; 4, Nevis on Searchlight K: Kansas Specials Bull, Any Age—1, White on Great Scott; 4, Nevis on Princes Rose on Middred Suow-ball; 3, Rapp Bros. on White Hall on Hallwood Counters Sth; 2, Saunders on Pinces Rose; 4, Hall on Hallw

Junior Champion Bull-Saunders on

Royal Cumberland.
Grand Champion Bull—Saunders on
Royal Cumberland.
Senior Champion Cow—Tomson on Daisy Junior Champion Heifer-Rees on Violet

Goods Grand Champion Female—Rees on Violet Aged Herd—1, Rapp Bros.; 2, Saunders; 3, Nevius. Young Herd—1, Rees; 2, Saunders; 3, Rapp Bros.

Rapp Bros.
Culf Herd-1, Saunders; 2, Rees; 3, Hall. Get of Sire—1, Rees; 2, Saunders; 3,



GEORGE W. BERRY, Superintendent Swine Department.

Produce of Cow-1, Saunders; 2, Hall; 3, Lookabaugh.

Lookabaugh.

Exhibitors—Robert H. Hazelett, El Dorado, Kan.; Makin Bros., Grand View, Mo.; Hugh Whiteford, Guilford, Mo.; Klaus Bros., Bendena, Kan.; C. G. Clements, Ord, Neb.; Smith J. Gabbert, Dearborn, Mo.; Jones Bros., Council Grove, Kan.

born, Mo.; Jones Bros., Council Grove, Kan.
Judge—N. H. Gentry, Sedalia, Mo.
Aged Bulls—1. Makin Bros. on Paragon
12th; 2, Klaus Bros. on Beau Onward; 3,
S. J. Gabbert on Beau Folly. Two-yearolds—1, Hazlett on Beau Sturges 2d; 2,
Jones on Beau Monarch 54th; 3, Klaus on
Fulfiller 25th; 4, Clements on Freighter 8th.
Senior Yearling Bulls—1, Hugh Whiteford,
on Parsifal 21st; 2, Klaus on Fulfiller
31st. Junior Yearling Bulls—1, Clements
on Sensation; 2, Klaus Bros. on Beau On-

Continued on page 18

10

It is nearly 99% food value, and is incom-parable as a muscle builder. **BAKER'S Shredded Cocoanut**

is simply the dried meat of the nut in concentrated form. It is easily digested. Children eat it between meals—they like it. It supplies their bodies with energy and muscular power. Very few products exceed it in per cent. of nutrition.

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A real woman saver. Needs neither man nor woman to turn a hard-pulling crank. A frall woman can move it about easily. Ought to be in every home, as a woman's right. Over 100,000 in use and giving satisfaction. Write for full particulars and special low prices.

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Write for our beautiful illustrated catalog free. It tells all about the school, contains school room views, shows students at work, and will tell YOU how to fit yourself quickly and at small expense for a good position. We secure the position for you. P O. Box 1414 Lawrence Business College, Lawrence, Kans.

HOME CIRCLE



It is said that colored goods which have become faded from laundering can be bleached a beautiful white by soaking for three or four days in sour butter-

A new suggestion for use when pre-serving or making catsup is to keep four or five marbles in the bottom of the kettle. The heat makes them roll around and prevents scorching.

Boston Mother—If you had my faith in Christian Science, darling, you would have no toothache. Little Daughter—Well, mother, if you

had my toothache you wouldn't have any

Lemon Cream Pudding.

Beat yolks of 4 eggs with 4 teaspoonfuls of sugar. Add juice and grated rind of 1 lemon with 2 tablespoonfuls of boil-ing, water. Simmer until thickened, then add stiffly beaten whites to which 2 tablespoonfuls sugar have been added. Chill and serve cold.

Cream Puffs.

One-half cup butter, 1 cup boiling water, 1 cup flour, 4 eggs. Put butter into water and when melted add the sifted flour and cook until it cleaves from the side of the dish. Remove from the fire and beat in thoroughly the eggs one at a time. Bake in a slow oven 45

The Yard Beautiful.

An old subscriber to the Kansas Farm-ER writes that he has learned to value beauty about the home grounds for its esthetic as well as its commercial worth.

"It has often been a mystery to me why a few otherwise progressive farmers seem to care nothing for the appearance of their yards, either from their own windows or the highway.

"There are, once in a while, farmers that seem just to exist. Life to them seems to consist of hard work, no amusements-just the right to breathe. What these glum never-let-up-and-no-fun people get out of this life except their work and a few clothes is hard to tell. As a general thing, the younger members of such a family drift to the cities, while the wife and mother looks as if she was

about ready to go, too.
"In contrast to this are the farmers who take pleasure in life as they live it. A certain family moved onto a piece of school land about 15 years ago. A portion of the 40 had been cut over by the 'skinners' years before and the second growth timber was now of some size for fence posts and pole rails. Hard work and keeping at it in a systematic way had made the 40 an income provider and it now works for the come provider and it now works for the owner night and

day. "Their front yard was a place in front of which the teamsters always liked to rest their horses. Indeed, the scene was a tonic, but the most handsome picture was presented from the porch. Summer or winter the view from the house, after or winter the view from the house, after a period of hard work, was restful. To be restful it must be so arranged as to all be in accord with the tree, shrub or vine. This yard was a harmonizer. There was no part of the scene but what any farmer could have. I was so much impressed that I asked the owner if they had hired much help to build the pic-

"'None at all,' she said. 'The girls and I have done most of the work. We commenced in the fall about 15 years ago. As this part of the 40 is rough, it had to be leveled and formed as we wanted it to be. That was the hardest work. The children were small and the new cellar had left things in a bad shape. There used to be a large gully running across the yard to another ra-Everything looked very discour-We borrowed the road district scraper, I drove and we went to work. I have been glad ever since. We com-menced in the fall and have made the fall a general repair time of digging and feeding manure.

"'By keeping at it at odd times I think we now have a more than com-

'The adding of a little each year

and the keeping of the whole up has not been much of a tax. Indeed, the work has been so small and the system so simple that a child 14 years old could have done it all if told what to do. Winter and summer notes are made by any member of the family. Whenever one has noticed breaks in the continuous summer bloom or winter picture he pointed out what might remedy the defect. This book is kept hanging with a pencil in the sitting room. It was after one of these entries that elm was placed by that cottonwood corner, just for its feathery spray in winter. "'At first we were undecided for a long

time which view to work at—the one from the highway or the one from the house. Father voted for the highway. Said it would add to the cash value of the farm. I wanted it a view from my sitting room window, but thought best to say nothing. Father consented to leave it to the three girls, two of whom were doing well in school. They went out into the highway and talked it over. First looking as if driving from the east and then going to the Indian mound and looking at the yard from the west. They decided for the house view and even father is glad of it now, as the even father is glad of it now, as the window calls for but one picture, while the highway would have asked for a changeable scene. That would have been more costly in labor at least, while now it is a fairly perfect picture from this porch or the sitting room. That mound, those road trees and that big boulder left by the glacier, have been utilized as a frame. While that little rise to the east helps to finish the background.

"Yes. we plan ahead. The girls, father and I every fall gather about a table with our note-book to be read and

a plan before us, patch up the yard anew on paper. Our greatest trouble is to keep a blend of color and "rest." That is, not to have any discords or disturbing elements creep in. Every one can patch as we do, but a landscape scene can be spoiled by overdoing or by introducing bed quilt effect. Simplicity should rule."

8924-A Neat Work Apron.

No woman can have too many of these useful work aprons that cover the whole dress. The usual apron materials, such as percale, linen, gingham, cambric and Holland are all suitable for the making. The front is in Princess effect and the



side bretelles over the shoulders are always becoming. The pattern is cut in three sizes: Small, medium and large. The medium size requires 3½ yards of 36-inch material. A pattern of this illustration mailed to any address on receipt of 10 cents in silver or stamps.

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in our school are specially designed to meet the needs of young men and women of the farm. Cost is relatively small; our work of highest efficiency. The success of our graduates proves this. Save time and expense by coming to us. Write today for full particulars. FREDONIA BUSINESS COLLEGE,

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es. Sold on 30 days free tria OTAWA MFG CO. 603 King St. Ottawa, Ke.

Zimmerman, Fultz, Blue Stem varieties. he Deming Ranch, Oswego, Kans

HORTICULTURE



A New Apple?

I am sending you an apple by mail and I wish you would have some horticulturist inspect it and tell me what kind it is and if it has a name. This is the first year that it has borne fruit, as the old tree died down and the present tree came from the roots. These apples look like crab apples and taste like them. The seed is black when half grown just like a crab. The tree is of upright growth with a very rich, light colored bark. I would like to know its name, if it has one, and if it is a late fall apple. I think that if it were propagated it would be a fine apple to grow. I could sell a large

number of bushels to my neighbors if I had enough to spare.—Charles F. Reeves, Route 5, Yates Center, Kan.

According to request, this apple was sent to Prof. Albert Dickens, of the State Agricultural College, who is the first authority on horticultural matters in the state. Prof. Dickens replies as follows:

"We have examined the apple received."

"We have examined the apple received from Mr. Charles F. Reeves, Yates Center, and recognize in it an old time friend that is known in this state as the Jona-than apple. I am sorry that I cannot find any taste that resembles the crab apple in this fruit, but Mr. Reeves can make no mistake in propagating and growing more of this excellent fruit."

Fruit in Western Kansas.

My success in tree planting, so far as I was able to go, was made on timber claims and when I proved up these were neglected and tree culture dropped. In this country, as well as in any other, trees that are not cultivated will die. Ash and black locust were most hardy and successful.

In buying my present ranch which now

grow for another 24 years." The height grow for another 24 years." The height of the man in the picture will give a good idea of the growth of the trees.—M. L. Chandler, Goodland, Kan.

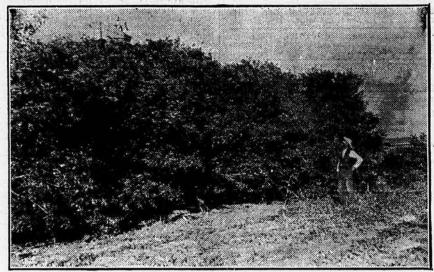
As Mr. Chandler lives in the extreme western portion of Kansas and near the Colorado line the results of his efforts

in tree culture are interesting, and when his success in fruit growing is known his work is doubly valuable. Western Kansas will grow trees and fruits, but not without care.

Greenwood County Fair.

Last week Eureka, Kan., pulled off one of the best fairs it has ever held. However, had the fair been more widely advertised, the attendance would have been much larger than it was. All things considered, the fair must have been encouraging to its managers, who have worked faithfully and enthusiastically for its success. The weather man contributed materially to the success of the fair. It was clear and not excessively warm. While the fair was not this year a race meet, yet the racing was good. The track record was broken in the 2:15 trot, and in the 2:15 pace. Several special features were on the ground. Only a fair exhibit of agricultural products were shown this year. Two herds of Shorthorns were exhibited by Dr. R. A. Stewart of Hutchinson and W. G. Brookover of Eureka. Herefords were shown by of Eureka. Herefords were shown by the Jones Brothers of Council Grove, Kan., and T. I. Woodall of Fall River, Kan. A goodly number of other live stock were shown in horses, mules, sheep and hogs. Owing to lack of space, we omit report of awards in full.

McPherson County Fair. Last week McPherson county held a



TWENTY-FOUR YEAR OLD CHERRY ORCHARD NEAR GROWN BY M. L. CHANDLER. GOODLAND, KANSAS.

consists of 4,840 acres on the Smoky Hill river, I had to leave off my care of the trees as a whole and look after my immediate finances. I came here in 1886 a poor man with only \$5, and have had my share of economy and hard work, but on my home ranch I have made a good showing and made good with my May cherry orchard, for both fruit and as a wind-break for stock.

grand success may be made by planting May cherries in large tracts, with trees set about 10 feet apart each way. Then plant red cedars from 6 to 8 feet apart on the north and west sides of the orchard, as this is the most hardy of all the evergreens for this country and they will grow with but little care or attention. They make splendid wind-breaks and catch all the snow drifts and hold the moisture for summer use, thus saving the cherry trees and aiding in their growth. Red cedars are easy to grow and those

of 2 or 3 years of age are the best size to plant. Tree planting is all right, but they must be cultivated if success is attained by the owner.

The May cherry is a hardy tree for

this western country and will make good to the owner if he gives it his care. The orchard shown in the picture has been growing for 24 years and is still hardy sand viceorous and looks like it. would and vigorous and looks like it would

real fair. This does not mean that it was above criticism, or that it might not have been better; it means that it had all the ear marks of a big fair. There were exhibits in plenty and the fair was attended daily by good crowds of enthusiastic people. There were many special features and prominent attractions to amuse the people. Prof. Crabtree of the Kansas Agricultural College at Manhattan gave a splendid lecture each day that was very pleasing to the people. This is a work that is doing much good and should be encouraged by the agricul-tural press. Several good herds of cattle were shown and the classes were quite well filled. Dr. K. A. Stewart of Hutchinson showed a fine herd of Shorthorns, C. S. Sutton of Lawrence, Angus, and Jones Bros. of Council Grove, Kan., Herefords, and these were the leading beef breeds. Mr. Frederick Houghton of Galva, Kan., exhibited a fine herd of Guernsey cattle. All the classes in the horse departments were well filled, while the swine department was light, but the quality good. We omit the awards in full for lack of space.

If you make mountains out of mole hills, don't expect others to like your ideas of topography.

fre in

Build Your Hogs

One of the greatest preventives against hog cholera and other diseases is a hog wallow made from Dr. Hess Dip and Disinfectant.

This powerful germicide is a posi-tive lice killer; it keeps the hog's skin clean and cures all parasitic skin disorders.

Dr. Hess Dip and **Disinfectant**

should also be used for disinfecting the hog pen-to drive out the filth and keep the place sweet smelling.

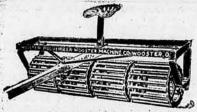
Dr. Hess Dip and Disinfectant meets the U. S. Government's requirements for official dipping for sheep scab. It is non-poisonous and non-irritating.

Sprinkle it in your henneries, stables and barns, pour it down sewers, sinks, troughs, etc. One gallon of dip makes 70 to 100 gallons solution. Write for our dip circular.

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ARE YOU WILLING TO BE CON-VINCED?

manent fertility unless you restore to the soil the vital elements which have been removed in

the sale of crops. You Must Buy Phosphorous, and the only economical form is that of Raw Ground Phosphate Rock.

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MALE HELP WANTED.

GOVERNMENT FARMERS WANTED— Examination October 18, High salaries; free living quarters. If you understand farming write today. Ozment, 44, St. Louis.

WANTED-LOCAL MEN TO TAKE ORders for nursery stock in Kans., Mo., Ill., Neb.; outfit free; cash weekly. National Nurseries, Lawrence, Kan.

MEN WANTED FOR GOVERNMENT positions; October examinations everywhere; influence unnecessary; average salary \$1,100; annual vacations; send immediately for list of positions open; common education sufficient. Franklin Institute, Dept. N-88, Rochester, N. Y.

SALESMEN WANTED TO CANVASS the farming and threshing trade, soliciting orders for lubricating oils, greases and prepared paints. Excellent opportunity for right party. Previous experience unnecessary. Address at once the Victor Oil Company, Cleveland, O.,

REAL ESTATE.

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

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WHITE REALTY COMPANY, SELLERS of cheap corn and alfalfa farms, Americus, Kan.

CATHOLICS—BUY FARM NEAR \$90,000 church; six priests; circulars free. Box 921, St. Paul, Kan.

FOR TRADE—GOOD CITY PROPerty here to trade for farm. E. R. Haines, Hutchinson, Kan.

HOMESTEAD RELINQUISHMENTS AND deeded lands in famous Arkansas Valley of Colorado. Act quickly. G. W. Keller, Granada, Colo.

HOMESTEADS, CHEAP LANDS, RANCHES, improved farms, orchard tracts; Calif. and Oregon; new country; free booklet. L. F. Curtis, Com'r, N. C. O. Ry., Reno, Nev.

FARMS FOR SALE OR EXCHANGE anywhere in Kansas, Okla., Mo., Texas and Colo.; write me or call. C. L. Sayler, Topeka, Kan.

HOMESEEKERS, COME TO OREGON, where there are no storms, cyclones or failure of crops; write for list of bargains in stock, grain, fruit and poultry ranches. Henry Ambler, Philomath, Benton Co., Ore.

40 ACRES, NO BUILDINGS, 3 MILES from this town. Will make a good home. Also good 5 passenger Model F Buick auto. Want a good residence property clear of debt. Price for all, \$2.800. Mtg. on land, \$600, 5 per cent. Box 606, El Dorado, Kan.

HOMESEEKERS' OPPORTUNITY—Come to Onelda county. Wisconsin; plenty rain, good crops; buy 40 to 80 acres, pay \$3 per acre cash, \$3 more 5 years, 6 per cent, work for me to pay balance or pay \$1 per acre per year. W. W. Thayer, McNaughton, Wis.

TWO SECTIONS, 1280 ACRES OF IRrigation and stock ranch, for sale, in Loving county, Texas. A-1 Pecos Valley land. Good grass, running water, fine alfalfaland. Price \$15 an acre. One-third cash, terms to suit on balance.—J. B. Yount, Burbank, Okla.

160 ACRES OF WHEAT LAND IN HAM-ilton Co., Kan., 12 miles south of Kendall; 80 acres broke, balance pasture, smooth as a floor, all fenced and cross fenced; good well, no other improvements. Price \$1,000, and a bargain. McNamee Real Estate and Inv. Co., 225 New England Bidg., Topeka, Kan.

TRADE IT—YOU HAVE TRIED TO sell it, but it won't go. What have you got? Farms, ranches, city property or merchandise? Price and describe your propositions, stating what you want, and send them to R. B. Wadsworth, Garden City, Kan.

FOR QUICK SALE, BY OWNER—Quarter section prairie land, unimproved, all good soil; good for general farming or rice culture; 3 miles from Wheatley; price \$25 per acre; easy terms.—Half section farm, about 40 acres in good timber, balance prairie, some land in cultivation; fair improvements; fine for general farming, rice culture or stock farm; 4 miles from Stuttgart; price \$37.50; easy terms.—Sixty acres fine timber land, fine soil, half mile from Stuttgart; good timber; price \$30; easy terms. E.G.Reinsch, owner, Stuttgart, Ark.

FOR EXCHANGE.

FOR EXCHANGE—80 ACRES LOCATED in the fruit county of Klamath, near Klamath Falls, Ore.; want good automobile worth \$1,500. Address Chas. T. Morse, Oak-

HOGS.

FOR SALE — BERKSHIRE cheap. L. M. Shives, Iuka, Kan. BOAR,

FOR SALE, POLAND CHINA HERD boar Sampson 60569; 7 tried sows; 12 fall glits and 4 fall boars; females sold open or bred. W.A. S. Bird, Topeka, Kan., or Wm. Adams, Walnut Glen Farm, Belvue, Kan.

CATTLE.

ONE RED POLLED BULL 3 YEARS old and one bull calf for sale; registered. C. S. Newton, Norwich, Kan.

300 TWO-YEAR-OLD NATIVE STEERS, weighing 850 to 1,000 lbs. for sale. Address P. L. Jackson & Co., Bazine, Kan.

HOLSTEINS FOR SALE-HIGH-GRADE fresh heifers and cows, springers and young bulls. Ira Romig, Sta. B, Topeka.

60 JERSEY COWS COMING FRESH for winter milkers: must sell 30 head. Come quick and get first choice. O. M. Himelberger, 306 Polk St., Topeka, Kan.

FOR QUICK SALE—60 GRADE SHROP-shire ewes, 2 registered Shropshire bucks, 28 ewe lambs, \$3.50 per head. A. L. Bush-nell, Mound Valley, Kan.

HOLSTEIN BULL, READY FOR SERVice. Three of his dams average over 30 lbs. butter in 7 days, officially. \$100. Shawano Stock Farm, Appleton, Wis. FOR SALE-FINE REGISTERED JER-

sey cow; heavy milker and high test; will sell cheap for immediate sale; write for full information and price. Address A. R. T., Kansas Farmer, Topeka, Kan.

JERSEY CATTLE, COLLIES, POLAND Chinas and White Wyandottes; one Scotch Collie pup, female, 6 months old, partly trained, nicely marked, natural heeler, \$15. U. A. Gore, Seward, Kan

REGISTERED HOLSTEIN BULL CALF, born April 26. Sire, Deutchland Cornuco-pia Sir Detry. Dam, Bernice Ormsby Mer-cedes Dekol. Color about even. Price \$55 crated f. o. b. W. A. Schreier & Son, Ar-gonia, Kan.

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

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

FOX, WOLF, COON, RABBIT HOUNDS; squirrel dogs trained and reliable; guaran-teed. E. Hopkins, Mammoth Springs, Ark.

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

E. R. BOYNTON HAY CO. KANSAS City, Mo. Hay receivers and shippers. Try

WANTED—A NUMBER OF CARS OF No. 1 alfalfa, No. 1 timothy and No. 1 upland prairie hay. Write us what you have to sell, and best price per ton, delivered on cars at your station. Stuart & O'Brien, Paris, Ky.

MISCELLANEOUS.

FOR TRADE—A GOOD THRESHING outfit for western Kansas land. Write W. J. Trousdale, Newton, Kan.

WANTED—A POSITION, BY MAN AND wife on farm; state terms. A. Brooks, Neosho Falls, Kan.

TAKEN UP-A STRAY STEER, TWO years old, at N. C. Pedersen's, Route 10; phone No. 5, on 28, Emperia, Kan.

WE HAVE SEVERAL GOOD PLACES for students to earn room and board out-side school hours. Dougherty's Business College, 114 West Eighth Ave., Topeka, Kan.

WANTED-500 FAMILIES TO BUY \$50 candy course \$2.00; learn how to make fine candy. Everything explained. Satisfaction guaranteed or money back. J. W. Embree, Manhattan, Kan.

SEEDS AND PLANTS.

SEED WHEAT, CRIMEAN VARIETY, good quality; write for sample. Alva Alexander, Protection, Kan.

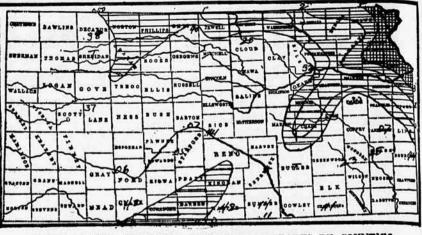
SOW ALFALFA THIS FALL. BUY your seed from The Deming Ranch where it grew. The Deming Ranch, Oswego, Kan.

\$1.00, IF SENT AT ONCE, WILL BUY 25 Norway poplars, the fastest growing tree on earth. Parker Nurseries, Fayetteville,

KHARKOF SEED WHEAT FOR SALE. Seed originally obtained from Hays Experiment Station. \$1.25, sack included. W. W. Cook, Russell, Kan.

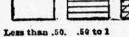
HEDGE POSTS. FOR SALE-25,000 hedge posts. H. W. Porth, Winfield, Kan.

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



UNITED STATES WEATHER OBSERVER'S REPORTS BY COUNTIES.

INCHES: SCALE IN



Over 3. T. trace

Allen—Good weather for growing crops.
Soil moist.
Anderson—Still needing rain.
Barber—More rain needed. Some wheat
has been sown.
Barton—Sowing wheat. Ground very

Barton—Sowing wheat. Ground very dry.

Bourbon—Late peach crop about one-half. Very hot for time of year.

Brown—Pastures improving slowly.

Butler—Crops of all kinds looking well.

Are not in need of rain.

Chase—Good rain August 11.

Clark—Late feed is good. Wheat sowing

Clark—Late feed is good. Wheat sowing just commenced.
Decatur—Still dry and hot. Nearly all wheat ground ready for sowing; waiting for rain. Pastures about dried up.
Doniphan—Conditions very favorable.
Douglas—Pastures improving. Corn being cut for fodder. Wheat sowing begun.
Elk—Prairie haying and corn cutting about over. Kaffir corn not ripe yet.
Ellis—Turned windy and warm, drying off moisture rapidly.
Ford—Rain would be helpful.
Harper—Hot and dry.
Jewell—One inch and a quarter of rain this week. Very warm. Corn maturing fast.

_ane—Practically no wheat being some on account of dry weather.
Leavenworth—Rainfall 3.41; highly beneficial. Assures bountiful pasturage.
McPherson—Light shower insufficient Soaking rain needed. Farm work at standard.

Norton—Corn and Kaffir come wheat belst as fast as possible. Some wheat belst belst

as fast as possible. Some wheat being town.

Phillips—Nice shower the 8th, but it is getting dry again. Wheat being sown. Rice—All vegetation is past help now. Very dry and hot.

Sedgwick—Weather again very dry. Kaffir corn is nearly cut.

Seward—Crops O, K. Broom corn being harvested.

Smith—Crops are all very poor. The week was hot and dry.

Sumner—Hot, dry and dusty. Most farmers waiting for rain before sowing wheat.

wheat. Wallace—Still hot and dry. Washington—Some wheat is up a

growing.

Wyandotte—Rain of the 10th has put
the soil in fine condition.

FOR SALE—A USED DOUBLE SEATED surrey; hand made to order; extra heavy wheels; full leather top; finest of materials and workmanship all through; not been used enough to hurt; cost \$600; will sell at big sacrifice for quick sale; particulars sent by return mail if you write. 810, care of KANSAS FARMER, Topeka, Kan.

POULTBY.

FINE S. C. WHITE ORPINGTONS \$1.00 up. Elm Ridge Poultry Farm, Severy, Kan.

BARRED ROCK BABIES AND BREED-ers, Eggs, 15, \$1.00; 60, \$3.25; 100, \$5.00; Mrs. D. M. Gillespie, Clay Center, Kan.

SILVER WYANDOTTES — WON 44 prizes at Kansas State Fair, 1911. Stock for sale at all times. L. P. Hubbard, Topeka.

BUFF COCHINS—A FEW GOOD HENS for sale from my prize-winning Buffs, Eggs in season. J. C. Baughman, 2215 lincoln St., Topeka, Kan. LOWEST PRICES ON CHICKENS AND

ducks; write us your wants; we have a stamp. J. M. Rahn & Son, Clarinda, Ia., Route 15.

BUFF WYANDOTTES—BARGAIN PRI-ces for balance of season. Eggs \$1.50 per 15; day-old chicks 15c each. High scoring birds only in breeding pens. A rare chance to get a start from high class stock, G. C. Wheeler, Manhattan, Kan.

LIGHT BRAHMAS—YOUNG AND OLD stock for sale from prize-winning birds. Prices reasonable. Also, Spitz pupples for sale. Mrs. A. P. Woolverton, R. R. 2, Topeka, Kan.

BARRED P. ROCKS—WHEN YOU want new blood or eggs in Barred Rocks, remember I won 1st prize pen and 2d cockerel at the great Kansas State Fair. A few good cockerels for sale. John O'Gara, R. R. S. Topeka, Kan.

Kansas State Fair Continued From Page 15

Continued From Page 15

ward 2d; 3, Makin Bros. on Paragon 31st;
4, Makin Bros. on Temptor 3d. Senior Bull
calf—1, Makin Bros. on Paragon 32d; 2,
Jones Bros. on Beau Monarch 90th; 3,
Jones Bros. on Dandy Andrew 6th; 4,
Clements on Prince Imperial. Junior Bull
Calf—1, Hazlett on Bocaldo; 2, Gabbert on Columbus Folley 3d; 3, Makin
Bros. on Patrician 4th; 4, Clement on Golden Triumph.

Aged Cows—1, Gabbert on Miss Fillers
2d; 2, Klaus Bros. on Miss Fillers
2d; 2, Klaus Bros. on Miss Fillers
2d; 2, Klaus Bros. on For-Get-Me-Not; 4,
Clement on Queenly. Two-year-old helfer—
1, Hazlett on Banza; 2, Hazlett on Bloss 2d;
3, Clement on Vanity Fair; 4, Makin Bros.
on Goodness 2d. Senior yearling helfer—
1, Hazlett on Orvell; 2, Makin Bros. on
Clematis 3d; 3, Klaus Bros. on Miss Wilton 15th; 4th. Gabbert on Lily 2d. Junior
yearling helfer—1, Klaus Bros. on Miss
Wilton 21st; 2, Makin Bros. on Gladys;
3, Hazlett on Bloss 4th; 4, Clement on
Constance. Senior heifer calf—1, Jones
Bros. on Salley; 2, Gabbert on Queen
Folley's, 3, Hazlett on Melzle; 4, Clement
on Virtue. Junior helfer calf—1, Gabbert
on Folley's Frolic; 2, Makin Bros. on
Celandine 2d; 3, Jones Bros. on Vivacity;
4, Hazlett on Idylette.

Aged Herd—1. Makin Bros.; 2, Klau
Bros.; 3, G. C. Clement.
Young Herd—1, Hazlett; 2, Makin Bros.
3, Klaus Bros.
Cal? Herd—1, Hazlett; 2, Makin Bros.
3, Gabbert.
Get of Sire—1, Hazlett on get of Calde
2d; 2, Makin Bros. on get of Beau Parson; 3, Gabbert on get of Beau Parson; 5, Gabbert on get of Beau Folly.
Produce of Cow—1, Hazlett on produce of
Ross; 2, Makin Bros. on produce of
Nettle; 3, Klaus Bros. on produce of Mis
Donald 29th.
Senior Champion Bull—Makin Bros. of
Paragon 12th.
Junior Champion Bull—Makin Bros. of
Paragon 12th.
Senior Champion Cows—Hazlett of
Banza.
Junior Champion Female—Jones Bros. of

Banza. Junior Champion Female-Jones Bros. of

Grand Champion Female-Hazlett

Aberdeen Angus.

Grand Champion Female—Hazlett & Banza.

Aberdeen Angus.

Exhibitors—A. C. Binnie, Alta, Ia.; W. J. Miller & Son, Newton, Ia.; Harrison & Harrison, Indinola, Neb.; J. V. Arge Leon, Ia.; Sutton Farms, Lawrence, Kai Judge—T. G. Patterson, Manhattan, Kan Aged Bulls—1, Harrison & Harrison or Enig; 2, Miller & Son on Ernest. Two years and under 3—1, Binnie & Son of Kloma; 2, Harrison & Harrison on Black of Hayti; 3, Sutton on Poncho. Senior yearling bull—1, Miller on Mindow of View point; 2, Binnie on Black Pridewood; Arney on Ebony of A. Junior yearling bulls—1, Binnie on Peter Pan; 2, Harrison on Alfalfa King 2d; 3, Binnie on Onesiona; 4, Sutton on Wakarusa Firenam Senior bull calf—1, Sutton on Wikarus Senior bull calf—1, Sutton on Wikarus Hentherson; 2, Miller on Rose Gay 6th 3, Arney on Ebony of A 2d; 4, Harrison on Frinceton; 2, Miller on Rose Gay 6th 3, Sutton on Heather Bloom.

Aged Cows—1, Miller on Ethel D; 3, Sutton on Heather Bloom.

Aged Cows—1, Miller on Ethel D; 3, Sutton on Rutger Hentherton; 4, Miller on Snowflake Oueen. Helfer, 2 and under years—1, Miller on Farbara of Wrodson 2, Binnie on Irena of Alta; 3, Sutton on Barbara of McHenry 27th; 4, Arney on Entangle of A. Helfer, 1 year and under years—1, Binnie on Abbess of Alta; 2, Barrison & Harrison; 3, Miller on To of Paracina & Harrison; 3, Miller on Proud Fance Senior yearling helfer—1, Arney on Binck Senior yearling helfer—1, Arney on Binck Harrison on Alfalfa Kindness.

Junior Champion Bull—Binnie.

Senior Champion Bull—Binnie on Cheman.

Senior Champion Bull—Binnie on Barbara

Senior Champion Cow-Miller on Barbar

Senior Champion Cow—Miller on Ab-Junior Champion Cow—Binnie on Ab-bess of Alta.
Grand Champion Cow—Miller on Barlatt

Grand Champion Cow—Miller of Woodson.
Calf Herd—1, Miller on herd headed by Rosegay 6th; 2, Binnie & Son on Elmer Get of Sire—1, Binnie & Son on Elmer Lad; 2, Miller on Homedale Kilburn; Binnie on Elmer Lad.
Produce of Cow—1, 2 and 3, Binnie on Son.

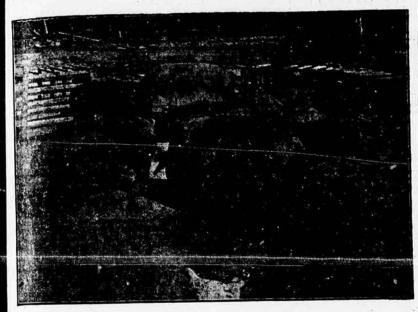
The balance of these awards will b published in our next issue.

Big Type Poland China HOG SALE

Thursday, October 5th, 1911 at Jasper, Mo.

HEAD OF RICHLY BRED POLANDS 45 WITH SIZE AND QUALITY.

1 Tried Brood Sow safe in pig, 15 Fall Yearling Gilts, 17 Spring Gilts, 2 Fall Yearling Boars, 10 Spring Boars.



Sired by B fley Sanday, Blaine's Wonder, Hadley Boy and other good sires. This will positively be the best offering I have ever offered to the public, and I ask all farmers and breeders to attend if possible, and if you cannot come send for my catalog, then read it carefully. Then if you cannot come, send a bid on anything you wish to buy to myself or O. W. Devine, representing the KANSAS FARMER, in my care, and you will be treated fair. Sale will be held right in town and under cover. Write today for catalog, and arrange to come

J. C. STALTER & SON, Jasper, Mo.

FIELD NOTES.

Automobile Accident Protection.

Every owner of an automobile should be terested in the advertisement, in this me, of the Western Automobile Indemnity sociation of Fort Scott, Kan. No autobilist can say when he may encounter accident. A horse or team may be me scared in passing on the road, and mnaway result, which may mean a loss property, or a life. Some one may be a over, in spite of the best efforts to econtrary. A collision may happen at y time. In fact, there is no gainsaying at "accidents happen in the best regulated families." This is so well recognized at most automobile owners carry insurace against liability that may be incurred four accidents. Many others would be trying this insurance except for the high its usually charged by what are known



the "old line" companies. The insurree afforded by the Western Automobile
dennity company is at once reliable, and
with cost. It is mutual in character,
which means that it is run for the cost
doing business, instead of making dividividence on a heavy capital stock. The ofrers of this company are all noted Kanse business men, men of the highest ingrity and standing in their respective
denomination. The membership of the comany extends into the thousands, and each
ember has been saving money, besides
form through his membership. Full parliation to Oscar Rice. Secretary-Treaselication to Oscar Ri Rice, Secretary-Treas-

Will Try Again Flight Over Ocean.

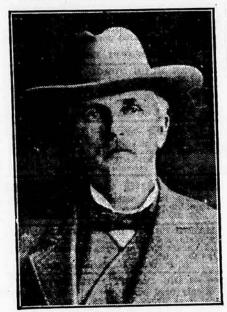
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Will Try Again Flight Over Ocean.

The Goodyear Tire and Rubber Co., Akton, Onto has just completed and shipped to Atharic City a monster gas bag for a hige aliship. Melville Vaniman will use this bag in a new airship, with which he will again try to fly across the Atlantic Grean. The flight will be made some time best month. The making of this big gas beautied twelve weeks, about half the line usually needed to make such a one in Europe. The excellent facilities of the Goodyar plant made the big task comparatively Length. 268 feet; greatest diameter, 45 feet, it contains 2,200 pieces of fabric and 2,400 et of double seam. The fabric is three layers of cotton cloth sandwiched between thick made is practically gas tight. The new distance is the sandwiched between the sand is practically gas tight. The new distance is the sandwiched between the halloon was made. The contemplated trans-ocean flight is being flastically for the Goodyear company, and of the Akron Chamber of Commerce as well.

Col. T. E. Gordon, whose cut is herewith presented, has a card in this issue of Kansas Farmer. Col. Gordon has for 20 years been recognized as one of the successful auctioneers of the state. In connection with his farm sales work, he has taken up and is making a specialty of selling all kinds of real estate. He is especially adapted for this branch of auction work, having lived in Kansas for 40 years or more and always



in close touch with the land and what it has produced, it has afforded him a good chance to know land values. Besides, Col. Gordon is a man with rare good judgment. He takes in situations at a glance and acts quickly and with precision. He has a wide acquaintance throughout the state and possesses natural qualifications. His voice is strong and pleasing and what he says can always be relied upon. It is his idea that the proper way to sell land is at auction. Write for his plan and terms or wire him if in a hurry. Mention Kansas Farmer when writing.

When writing advertisers, please mention KANSAS FARMER.

W. C. Milligan writes as follows: "Score one for Kansas Farmer. I have just sold through your paper 10 head of yearling Poland Chinas to Mr. W. H. Barry of Smith Center, Kan.—four yearling bred gilts, five spring gilts and a spring boar. The boar lastwas out of the Colossus gilt your fieldman bought for me at the H. C. Graner sale last winter. He is a fine herd boar prospect. My Guy Monarch boar grows like a green bay tree. Mr. Barry thought he would weigh over 500 and he is not a year old yet. I have just answered a Kansas Firmer inquiry from Arkansas." Address W. C. Milligan, Clay Center, Kan.

Public Sale of Registered

POLAND CHINA ·HOGS

At farm 6 miles southeast of Westmoreland, 11 miles northwest of Wamego, Kansas

TUES., OCTOBER 3,

Forty-five head, comprising 23 spring boars, 5 fall boars, 11 spring gilts and 4 bred sows, two of them spring yearlings, the other two fall gilts. The spring division at offering will be very growthy and uniform. They were sired by Grand Look 2nd, grandson of Grand Look and Defender, Jr., by Defender. The fall stuff all sired by Grand Look 2nd. The spring yearlings are by John Long 2nd, a boar of some note, selling for \$450.

DAMS OF OFFERING

I have bought for good prices from some of the leading herds of the country, and have tried to be very careful to secure size and quality. Among the dams of this offering are sows sired by John Long 2nd, and Expansion bred sires. The hogs to be sold have been fed on such feeds as grow on the farm and will come into the ring in the condition that breeding hogs should be

Breeders stop at Meritt House, Wamego. Free automobile to and from farm. Catalogs sent upon request.

Send bids to Jesse Johnson representing this paper

FRANCIS PROCKISH

Westmoreland,

Col. Jas. T. McCulloch, Col. James Snodgrass, Auctioneers

High Class Poland China

- SALE -

At Lyons, Ks., Saturday Sept. 30, 1911

Owing to poor health I am closing out my entire herd of full blood Poland China Hogs, consisting of such noted

Beauty Challenger by Perfect Challenger.

Lady Mischief by Mischief Maker. Starlight by Meddles 2nd—The Kansas Champion last year—she farrowed me 10 pigs her first litter.

Lula 2nd by Corrector 2nd.

Lula 1st by W. B's Perfection. S. P's. Lady by S. P's. Perfection. These sows all raised spring litters and will have fall litters at their side sale day. They are all breeders and good producers.

27 GILTS AND 16 BOARS EARLY MARCH FARROW

All are good ones. They are large and growthy, big boned kind. Most of the tried sows weigh 500 or 600 pounds. The spring gilts weigh right at 200 pounds. All the young stuff sired by the Great Boar, Smuggler, he by E. L's Cloverbud. Send for catalogue and come. Send bids to O. W. Devine representing KANSAS FARMER—if you cannot attend not attend.

LEE STANFORD, Lyons, Kans.

Col. Lafe Burger and Col. W. H. Hopkins Auctioneers

HORSES AND MULES

REGISTERED HORSES
O. K. BARNS, SAVANNAH, MO.,
W. E. Price, Proprietor.
Dealer in registered horses. Three very
fine stallions to SELL AT ONCE. Also
the best stud colt in the state. Write for
description of stock. I can suit you.

THE BEST IMPORTED HORSES, \$1,000 each. Home-bred, registered draft stallions. \$200 to \$600 at my stable doors. Address A. LATIMER WILSON, Creston, lowa,

HOME-BRED DRAFT STALLIONS \$250 to \$600; imported stallions, your choice \$1,000. F. L. STREAM, Creston, lows.

PERCHERON HORSES, HOLSTEIN-FRIE-SIAN CATTLE. Up-to-date Poland China hogs, Write your wants. H. N. HOLDEMAN, Meade, Kans.

THE STRAY LIST JAS. CULLIAN, County Clerk, Rice County. Taken up—One mule, age 8 or 9 years, mare, brown, one front leg crooked at knee. Was taken up on July 14, 1911, by C. H. Taylor, Marshall, Kan.

W. E. HART, COUNTY CLERK, KINGman county, Kan. Taken up. by F. E. Walter, Spivey, Kan., on the first day of August, 1911, one red steer, mottled face, branded D on right hip, weight about 800 pounds. Value \$30.00.

ANGUS CATTLE

BIG SPRING ANGUS CATTLE. Jasper Audiridge & Son, Pattonsburg, Mo.,
Proprieters
Breeders of pure bred Angus cattle and Duroc Jersey hogs.
Breeding Stock for Sale.

ANGUS CATTE
Allendale Farm, Savaunah, Mo.
W. A. Helt, Prop.
Breeder of pure bred Angus cattle—a few choice young bills for sale, Prompt answer to inquiries.

JERSEY CATTLE

LINSCOTT JERSEYS

Offers a few choice cows in milk and some bred heifers. Milk and butter records ac-

R. J. LINSCOTT, Holton, Kansas.

CHOICE JERSEY BULL CALVES.
In age from 3 to 12 months; the best of breeding, colors and individuality. ENRY E. WYATT. Fulls City, Neb.

THREE BULLS, 2, 4 and 18 months, by Beatrice Stockwell, Doudonellar Jewell and Coneris Eminent; several cows and heifers, all ages, solid colors and bred in fashion; test from 5 to 10 per cent butterfat.

S. S. SMITH, Clay Center, Kan.

GOLDEN RULE JERSEY CATTLE HERD. Headed by Comeri's Eminent \$5865; few bred cows and heifers for sale; reasonable

JOHNSON & NORDSTROM, Clay Center, Kan.

FOR SALE—Ruby's Financial Count, son of Financial Count No. 61316; the dam is Ruby's Fontaine No. 212934, a 45-pound cow recently sold for \$350; gave 45 pounds of milk per day with second caif, milk testing 5½ per cent, and with last calf at the age of 6 years gave 44 pounds of milk for a long period of time, milk testing 5½ per cent. The dam and grand dam of this cow are both 40-pound cows. Ruby's Financial Count is 3 years old and fit to head any herd. Financial Count is a half brother of Financial Countess, a cow with a butter record of 935 pounds and 10 ounces in one year. This young bull is sure, gentle and a fine individual. W. N. BANKS, Independence, Kansas.

SHORTHORN CATTLE

Houx's Polands and Shorthorns

50 big type Poland Chinas. March and April pigs, sired by two extra heavy boned boars, Priced at farmers prices. Ready to ship, order now, and get choice. Description guaranteed. Also a few choice Roan Shorthorn bulls to offer, Sired by King Challenger 312040, a son of White Hall King 222724. Prices reasonable. Come or write.

W. F. HOUX JR., Hale Mo.

SHORTHORNS EVERGREEN HOME FARM.

Lathrop, Missouri.

Milking Shorthorn cattle, bred hornless.
Berkshire hogs. Oxforddown sheep. Bourbon Red turkeys. Young breeding stock for sale. A herd of 35 bred Oxforddown ewest to go at a bargain if taken at once. Address

J. H. WALKER, Lathrop, Missouri.

Shorthorns

40 BULLS, 6 to 20 months old; straight cotch and Scotch topped—mostly red.
Can spare a few females, same breeding. C. W. Taylor, Enterprise, Kan. R. R. Station, Pearl, on Rock Island.

ALFALFASHOR THORNS

Young stock for sale. Also Silver Laced Wyandotte eggs for sale, JOHN REGIER, R. 1, Whitewater, Kansas.

ELM GROVE FARM.

Shorthorn cattle and Percheron horses,
Write for description and prices,
ISAAU NOVINGER & SONS
Kirksville, Missouri.

HERD BULL For Sale

Victor Orange 312830, a Scotch Orange Blossom, sired by Victorious 121469. H. R. COFFER, Savannah, Mo.

GLEN HALL SHORT HORN HERD Hended by Choice Prince, by Prince of Tebo Lawn and out of Good Lassie by Choice Goods. 5 choice red bulls in age from 10 to 14 months. Herd header, Prospects.

JOHN O'KANE, Blue Rapids, Kan.

TENNEHOLM SHORTHORN CATTLE-Ered for beef and milk; breeding as good as the best; of Scotch and Bates lines. We use them as dairy cows and find them very ofitable. A few young bulls and some fe-ales for sale. Write E. S. Myers, Chanute,

HEREFORD CATTLE

SPRING CREEK HEREFORDS.

Headed by Christy 234417, Prairie Donald by Beau Donald 7th, and Sir Morgan by Onwari 18th. Cows of Anxiety 4th. Hesold, etc., breeding, including imp, animals. Over 100 head in herd. Few choice young bulls and some good females for sale,

TOM WALLACE, Barnes, Kansas.

Brookside Farm, Savannah, Mo., breeders of Hereford cattle, Herd headed by Hesold 101st No. 162585 and Horace No. 200428, he by Beaumont. Young bulls for sale, Mail orders given prompt attention, WARREN LANDERS, Savannah, Mo.

MODERN HEREFORDS **HERD BULLS**

BEAU BRUMMEL 10th 167719. BEAU BEAUTY 192235. CALDO 2d 260444.

Hazford Place Eldorado, Kan. ROBT. H. HAZLETT.

RED POLLED CATTLE

RESERS RICHLY BRED RED POLLS,
The only dual purpose cattle. Headed by
Waverly Monarch ,tracing to prize winning
stock. Cows came from the best herds of
two states; 7 choice bulls, some of them of
serviceable age, and 7 cofs and helfers. The
helfers and bulls sired by a 2,006-pound sire,
Visitors welcome. J.B.RESER, Biglow, Kan.

RED POLLED CATTLE

The only dual purpose cattle and the most profitable for the farmer. Choice bulls for U. E. HUBBLE, Stockton, Kan.

Roan Hero the International Champion and

BELVEDERE X2712-195058

Son of the \$1,500 Grand Victor X1633
150365 heads my herd of Double Standard
Polled Durhams. A few extra good, blocky,
thick-fleshed young bulls for sale, Inspection invited. Farm adjoins town.

D. C. VAN NICE, Richland, Kansas.

AULD BROS. RED POLL CATTLE. Herd numbers 50, headed by Prince, a ton bull in condition; 10 choice young bulls and a few cows and heifers for sale; farm one mile from town.

AULD BROS.,
Frankfort, Kan.

COBURN HERD of Red Polled cattle and ercheron Horses, Young stallions, bulls and heifers for sale. Geo. Groenmiller & Son, Pomona, Kan.

FOSTER'S RED POLLS.
Choice bulls and helfers priced reasonable,
C. E. FOSTER, R. R. 4. Eldorado, Kan.

HOLSTEIN CATTLE

SUNFLOWER HERD HOLSTEINS.

SUNFICWER HERD HOLSTEINS.

ARE YOU THINKING of that registered buil you will need for fall and winter service? RIGHT NOW is the time to get in touch, for if you wait until you do have to have him, they may be gone. THE BEST BRED and BEST lot of individuals I have ever had to offer, aged from one month to ONE year. Also females for sale ALWAYS. DON'T wait; divestigate this today.

F. J. SEARLE, Oskaloosa, Kan.

Rock Brook Holsteins

20 bulls ready for service at \$75 to \$100. Bull calves \$40 to \$75. Pedigreed and tu-berculin tested.

ROCK BROOK FARMS, Station B., Omaha, Neb.

HOLSTEIN CATTLE. The Most Profitable Dairy Breed, Illustrated descriptive booklets free, Hol-stein-Friesian Ass'n of America, F. L. HOUGHTON, Sec., 114 Brattleboro, Vt.

WOODCREST HOLSTEIN-FRIESIANS. Twenty registered bulls from 1 month to 2 years for sale: dams A. R. O, or A. R. O. breeding. On Rock Island, 30 miles east of St. Joseph, Mo., half mile from station.
S. W. COOKE & SON, Maysville, Mo.

When writing advertisers, please mention KANSAS FARMER.

HOLSTEIN CATTLE—M. E. Moore & Co., Cameron, Mo., breeders of Holstein-Freislan cattle. Ten head of high-class cows for sale, some with A. R. O. records; herd headed by the celebrated Sir Johanna Colantha Fayne 42146.

HOLSTEINS FOR SALE.
Some very choice young bulls for sale, mostly sired by Prince Ormsby, now owned by Nebraska Agricultural College, His dams on both sides for four generations average 20 lbs.; he has 30-lb, sisters.

J. P. MAST, Scranton, Kansas.

GUERNSEY CATTLE AUCTION SALE OF **GUERNSEY CATTLE**

at Des Moines, Ia., October 3, 1911.
Sixty head of registered and high-grade females of all ages; 5 registered Guernsey bulls. Free transportation from our milk depot, 1401 West Grand.

WILCOX STUBBS CO., Des Moines, Iowa.

HAVE A SPLENDID Guernsey bull; am pricing at a bargain for quick sale; 3 yrs. old; wt., 1,550; a good one and a great breeder; would appreciate it if you could help me to a sale me to a sale. F. E. MULLER, Hamilton, Mo.

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

GALLOWAY CATTLE

FORT LARNED RANCH

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

RED POLLED CATTLE

F. W. LAHE, Brooks, Ia., breeder of high-class Red Polled Cattle and Durce; see Hogs. Herd bull Banker 16226, sired by One Price 8522, for sale. This is a tilb, bull of the show type, and a guaranteed breeder. Will be sold, worth the most write me for description of stock and prices. Satisfaction guaranteed. F. W. LAHR, Brooks, Ia.

SCOTCH SHORTHORN BULLS

Twenty head of high-class Scotch and Scotch topped bulls for sale; yearlings 2-year-olds; all bred right and good individuals; also herd bull Victoria Prince Sec 238028—a herd bull with a record as a breeder; all will be sold; worth the money descriptions of stock guaranteed.

GEO. A. ROBINSON. Prescott Ia

DUROC JERSEYS

DUROC JERSEY

Rose Hill Herd Of Duroc Jersey Hog

We have for sale two choice yearling boars, two December boars, early spring of both sexes, and a few yearling sows that raised good litters, all from large, profit sows and by mature boars of State Fair prize blood.

S. Y. THORNTON, Blackwater, Mo.

UNITY CHESTER WHITE HERD.

Breeder of strictly high-class Chester White hogs; a number of extra-high-class sph Boars for sale; a selected lot of show prospects. Write for breeding and descripts of stock; all breeding stock guaranteed as represented. Prompt reply to all inquire Address, J. N. George, Hopkins, Mo.

RIVER BEND DUROC JERSEY HERD

Headed by River Bend Col. and Fitch's Kant; 75 spring pigs for sale; pairs W. T. FITCH, Minneapolis, Kan.

THE BEST DUROG JERSEY BLOOD OBTAINABLE.
Will be found in what we have in spring pigs; 125 good ones sired by Ohio Col., winner of first and sweepstakes at Hutchinson Kansas State Fair last year, and second at Nebraska State Fair. Others by Blue Valley Chief, by Viley Chief, and Chiefs Wonder, by Ohio Chief, Lincoin Top and others, out of mature and richly bred sows. Stock always for sale. vays for sale. THOMPSON BROS., Garrison, Kansas

ALFALFA STOCK FARM,
The home of richly bred and practically fed Durocs. Herd headed by Pagett's Col, by King of Cols, and Chiefs Wonder by Ohio Chief; 200 spring pigs sired by 14 different boars; special prices on pairs and trios not related. Buy early and save on express.

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Choice Duroc boars by Budy K. 4th. A
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Hereford cattle, any age or sex. Prices
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Headed by G. C.'s Col. and F. E.'s Col.
Sows contain the blood of Ohio Chief and
Crimson Wonder. Stock always for sale.
FRANK ELDER.
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pigs, half by this boar; others by Mogul's
Monarch, Choice Goods and other great
sires; dams by such sires as Kansas Ex.
and Chief, bred by Mouw; We breed them
big and smooth and cull very close; inspetion invited.

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Headed by Big Boned Pete. Sow
Mastadon and Wonder breeding, S
raised under natural conditions; 70
ready to ship, all out of mature Sows,
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A lot of very high-class Poland China hogs.

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King Darkness by Meddler 2d, assisted meddler 2d, assisted by Shortgrass Med-dler by Meddler 2d, head my herd of richly bred Poland China sows; a few spring glits by On the Spot for sale. E. J. MANDERSCHEID, R 3, St. John, Ks.

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The oldest head in Republic county; 70 choice spring pigs to select from, mostly sired by Ikey Longfellow, a manmoth boar descended from the Mouw breeding; pigs out of big, mature sows.

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Stock ranches and city property for sale or exchange.
J. N. THOUVENELL, WINONA, KANSAS.

A GOOD FARM of 240 acres; only 5 miles out; large improvements, good alfalfa and corn land; must be sold; \$55 per acre.
T. B. GODSEY, Emporia, Kansas.

IMPROVED farms to sell at hard times prices; small payment down; balance can be paid from products of farm. J. H. Fuss, Medford, Okla.

NORTH ARKANSAS—Cheap improved farm; fruit, stock lands; healthy, mild climate; Frisco raliroad. I. M. Gray, Hardy, Sharp County, Ark.

BUTLER, HARVEY AND SEDGWICK CO.

LANDS.

Plenty of rain and everything looking fine. Come and pick out your farm on next march settlement. All kinds of exchanges. Send for new list. Send for new list. EBERHART & MELLOR, Whitewater, Kan.

100—CHOICE DICKINSON AND CLAY CO. FARMS—100

80 acrcs 3 miles from town, 70 a. under plow, alfalfa land, 20 pasture and mesdow, 5 room house, good well, barn and other buildings. \$200C cash; rest to suit: 25 a wheat included, Write for list, J. J. Bishop, Wakefield, Kan.

GREENWOOD COUNTY FARMS

and well-grassed stock ranches, in the corn, clover and bluegrass county, for sale at low prices on liberal terms. Write for full in-formation

LIVE AGENT WANTED
in your locality to assist in selling corn,
wheat and aifalfa land. We own thousands
of acres in Pawnee and adjoining counties.
Write for proposition on our own ranches.
FRIZELL & ELY,
Larned, Kansns,

FOR TRADE—314 acres, eastern Kansas; well improved; fine home; black prairie land; price \$75 per a.; want income city; we had a big wheat and a big corn crop to gather; write today...

G. T. KINSEY,

Le Roy, Coffey County, Kan.

Sale or Trade Fine farms in vari-mase, stocks to trade for lands; we can sult ou write us. Johnson Realty Co., Wichita, Kan

15,000 ACRES CHEAP LAND, Kit Carson County, Colorado for sale or exchange. Good relinquishments cheap. This is the rain belt of Colorado, Good soil, good water, good crops, everything prosperous. Write for particulars, GIBSON & NELSON, Flagler, Colo,

If you want to buy land or make some exchanges. Write G. K. JACKSON, Eureka Kans

IF YOU MEAN BUSINESS and have real estate and merchandise of any kind for sale and exchange, and are willing to pay a commission should I make you a deal, write me at once of what you have and desire I have several very attractive propositions to ofter you for a home or investment; am doing a general exchange business. Carl G, Anderson, Athol, Smith Co., Kansas,

FOR TRADE

800 a. in Taney Co., Mo., 2½ ml. to town, 100 a. creek bottom in cult., 400 a. fenced; large 2-story house, large barn and other outbuildings; wants mdse.; price \$13,000, mortgage \$3,000.

SPOHN BROS., Garnett, Kan.

320 A. Gov't Homesteads

Exceptionally fine land, in well settled community, where good crops are raised every year. Easily worth \$5.000 to \$8.000 by proving up time. Quick action necessary to get one of these. I charge reasonable location fee—write or come at once—you can't lose if you want a good productive home.

CARL M. COOK, Limon, Colo.

Great Farm Bargain

Only two miles from the City of Topeka, 2 miles from street cars, on proposed extension of car line, macadam road; the greatest farm bargain in the county; a fine grain, stock or dairy farm; all alfalfa land; located right to sell all or part in five and iten acre tracts: 185 acres; 145 acres in cultivation, 12 acres alfalfa, balance pasture; practically all tillable; house, barn and other outbuildings are old; good well; this farm is right at the door of one of the largest and best markets in the state for all products; largest creamery in the world here; large packing house; wholesale and retail markets; owner old and wants to sell; only \$100 per acre, small payment down and very easy termis; a snap for the first man with the money.

THE HEATH COMPANY, 109 West Seventh St., Topeka, Kansas.

THE BEST TOWN TO LIVE IN.

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

SECRETARY of the COMMERCIAL CLUB, Topeka, Kansas.

PROTECTION, KAN.

160 acres, 6 miles from two good towns,
9 to 12 feet to good water. Level as a floor;
20 acres in cultivation, all first-class alfalfa
land, partly fenced. Price \$20 per acre.

Write owner. H. B. PRATHER,
Protection, Comanche County, Kan.

OUR LANDS GROW \$\$\$

We have several hundred quarters of land in Meade and Seward counties, that we are selling at prices ranging from \$10 to \$30 per acre. Our land be found within a distance of from 1 to 15 miles from good towns along the line of the Rock Island R. R., is all smooth and in the great wheat belt of sas. If you have \$500 to invest, ask us how you can get one of the best questions of land in the state.

WILLIAMS & KINDIG, 904 Schwelter Bldg., Wichita, R.

PECOS VALLEY IRRIGATED LAND

In 10, 20, 40 and 80-acre tracts. You can buy it on your own terms. We help you to build a home and take our pay as the land earns it. Our next cursion with our own private carr will leave Topeka, October 3rd. We fix you a complete water works to irrigate with. Write us at once for full par lars, so that we can make reservations on our private car for you. WOOD & SHUMWAY 534 Kans. Ave. TOPEKA, K

FOR SALE ONLY 168.66 acres, 2 ml. from Wichita pares 1 ml. to school. Imp. 7 r. house with a lene lights. Big barn for 10 horses, 1000 bu. grain, and with big implement Cow barn, 51 stanchions, 12x14 feed room and 12x28 corn room. 90 a. in alfalfa. 6 with everflowing water runs through farm. Good timber supply. 10 a. orcha a. grapes. 2 cisterns 100 bbls. each. A fine farm in every way. Priced low at per a. Half cash, bal. on time if desired. C. ESLAUGHTER, successor to I Thompson R. E. and Ins. Co., 201 E. Douglas Ave., Wichita, Kan.

Choice Butler County, Kansas. Farm For Sale, (On easy ten 320 acres, 5 miles from town and shipping point, 10 miles from county seat, 7 room house, good barn about 30x36, good new hog house with cement flow, wells and windmill, 120 acres of bottom land, mostly in alfalfa, 150 acres under balance of farm all smooth level land in native blue stem grass, part pasture and hay, several different fields fenced hog tight; timber enough for posts and fuel, timber feed lots, and creek. Price if sold before October first is \$50 per acre, on easy terms. For further particulars, write J. C. HOYT & CO., Eldorado, Kansas,

NESS COUNTY "SNAPS

Write for our list of Special Bargains. We have some prices that will surprise Remember that Ness County adjoins the banner wheat county of Kansas for 1910, 0 ty map and literature mailed on request.

FLOYD & FLOYD, Ness City, Kansas.

DICKINSON COUNTY BARGAIN

Best alfalfa farm in state for sale. Write for folder giving a description of a improved farms located close to Abliene, the great alfalfa, corn and wheat district R. G. TONKIN, Abliene, Kansas.

IMP, and unimp, land in western Kansas, W. G. Ruth, Scott City, Kansas.

WHAT have you to trade for lands or city property? Hale, Coffeyville, Kan.

BUY OR TRADE with us, Exchange book free. Bersie Agency, El Dorado, Kan.

ESTABLISHED 1885.—Write for free list. Park H. Thornton, Real Estate Dealer. Celdwater, Comanche Co., Kansas.

160 A.,99 IN CULT.; 20 alfalfa, rest pasture; 4½ ml. from town; exchange for general mdse. J. A. KASPAREK, Belleville, Kan.

WE TRADE OR SELL ANYTHING ANY-where. The Realty Exchange Co., 18-22 Randall Bidg., Newton, Kan. I MAKE a specialty of Ford county land and Dodge City property, P. H. SUGHRUE, Dodge City, Kansas.

JEWELL CO., KANSAS—160 a. 4 miles from town, 120 cult., 40 a. pasture. Price \$8,000. J. A. Cole, Esbon, Kansas.

WRITE & L. PAINTER & CO.

DODGE CITY, KANSAS.

WESTERN KANSAS Wheat and alfalfa lands cheap; no sand or rock; good soil and productive; write for list; state in first letter what you wish; save delay, save delay. V. C. CUTLER CO., Scott City, Kansas.

FINE HOME, 48 a., one mile of this city, about 38 a. now in cultivation, bal. pasture, 6 room house, new barn 34x60 and hay loft: two wells and mill and other outbuildings; good orchard and all seconod bottom land. Priced to sell at \$5,500 cash. E. F. Dewey, Blue Rapids. Kan.

FOR EXCHANGE,

A good 160-acre farm in Woodson County, Kansas; 70 cultivated, 60 meadow, balance pasture; no rock; \$65 per acre; mtg. \$4,000. What have you for equity?

A. B. ESTEP,

Yates Center, Kansas.

IDEAL CHICKEN FARM.

28 acres adjoining Osage City, Kan., 25 acres in cultivation, some fruit, 3 acres tame grass pasture, 5-room house, good cave, new barn for six horses, granary, hen house, good water, close to high school, R. F. D. and phone. Price, \$3,000; good terms.

J. C. RAPP & CO.,

Osage City, Kan.

480 ACRES, well improved, all good land, no rock or gravel, 5-room house, large barn, well, cistern, close to school and town, on R. F. D.; telephone in house. Price, \$50 per acre. Will take small cash payment; will give long time on balance at 6 per cent. Write for full description.

MANSFEILD LAND CO.,
Ottawa, Kan.

GREENWOOD COUNTY NURSERY.
We have for fall and spring delivery a
general line of nursery stock. Apple, crab
apple, pear, cherry, plum, peach, apricot,
quince, grapes, berry plants, catalpa and
black locust. A certificate of nursery inspection with each shipment.

J. W. HINSHAW.
Eureka, Kansas.

FOR SALE AT A BARGAIN

Good Saline county farm adjoining the town of Kipp, on the Missouri Pacific; 200 acres, two-thirds bottom land, balance good upland; all black loam; 50 acres pasture, 25 acres alfalfa; good cistern; some timber; orchard; 7 room house, good barn and other farm improvements. \$80 per acre, only \$3,000 cash, balance easy terms.

R. P. CRAVENS, Salina, Kansas.

Irrigated Farms in Bent Co., Colo., to for general mdse. Write me relating Government lands coming under new HARRY C. JOHNSTON, Las Animas, Colo.

KIOWA.—3,160 acre up-to-date Ram drawbacks to location, quality, wate improvements. Without flaw. Pricett acre. Write Griffin Bros., Klowa, K

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PURI

FARM FOR SALE.

For 30 days I offer my 160-acre tra
sale at \$60 per acre; good seven-rooml
large barn, good orchard, neverd
spring; 3 miles to town; 3½ miles to
car line, 5 miles to Co. seat, lola,
blue grass and clover pasture; th
corn and other grains on place, for
information write

MRS. J. O. SMITH,
Moran, Kan., Box 733.

IDEAL BARGAINS

Arkansas river bottom; 80 acres, sandy loam, 15 ft. to water, 4-room barn, mill, young orchard; 4½mi, of ita. Price, \$100 per acre. City prosmall tracts, farms and ranches for strade. IDEAL REALTY CO., 311 Douglas, Wichita, Kans.

CHEAP ALFALFA FAR

160 a., 4 m. good town, fair improves 20 a. alfalfa, 25 pasture, balance of Price, \$11,500. Terms. Write for ban

Howard The Land

105 North Main, Wichita, Kan.

HERE IS A SNAP.

160 acres, 51-2 miles from a good a miles to R. R. switch, all level, no land, 92 acres pasture and meadow, 3 orchard, balance cultivated, 5-room 2 barns, and other outbuildings, 80 roschool; rural route and telephone, magas in house; a light job goes with at \$60 per month. Price, \$60 per Write for our land list.

SIMON LAND CO., Garnett, Kan.

Farm Renters Want
We have for rent improved farms
acres up, and tracts of improved
ready for disking and seeding under
reservoir irrigation system in Colorada
produces three crops alfalfa and large
and any kind of grain, sugar beels,
toes, etc. Splendid climate. Indust
renters, with proper equipment, with
Farms for sale on easy payments. He
ested, write.

AND RENTAL MANAGER, DEN RESERVOIR IRRIGATION COMPA Ideal Bldg., Denvo. Colo.

ONE OF THE BEST PAYING RANG one of the best paying hans, off from town and shipping point; 200 acres of which are first be land; 200 acres in prairie meadow, 200 lund; 200 acres in prairie meadow with ments; fine protected feed lots with water; black limestone soil; cheap at water; black limestone soil; cheap at per acre; corn on this ranch this year make 50 bu. to the acre. J. C. Ta Eureka, Kan.

Direct from owner; excellent stock in 560 a., one-half tillable; fine bigs meadow and pasture; good soil; extra stock and hay barn, built of stone; for room house; abundance of fine water orchard; 3 mi. to railroad; 6 mi. to seat; 1 mi. to school and church; R. seat; 1 mi. to school and church; R. seat; 3 per acre; will carry part add at \$30 per acre; will carry part canss. BIG BARGAIN

at \$30 per acre; will carry part.

LOCK BOX 807, Fredonia, Kanss

\$95.00 AN ACRE \$95.00

my the best upland 80 acres, within 6 miles of Topeka. All tillable, impents fair, good water and plenty of it. On main traveled road. We have good farm bargains. Write us at once for list.

GEO. M. NOBLE & CO.,

5 Kansas Avenue. Geo. M. Noble.

Either Phone 444. J. Will Kelley.

E VERDIGRIS BOTTOM FARM

res splendid bottom land. No bet-anywhere. Wheat and alfalfa land. altivation, except 8 acres good tim-use and good barn, 8 miles of Fre-priced to sell soon at \$50 per acre, in. Come and see this tract. Write land list. land list. T. SPONG, Fredonia, Kansas.

on County, Arkansas
and grain farm; 80 acres, good
miles from Cravette, on K. C. and
coats; ½ mile to Beaty. Fine imnts, good water; 15 acres bearing
il acres berries, 20 acres good timsince cultivation. Corn better than
is per acre. \$100 land for \$50 acre
k sule; price will advance in OcREDRICKS REALTY CO., Springashington County, Ark.

MBARGAIN 148 A. 2 miles
MBARGAIN 170 M. Osage
City, Kan., 70
It. 10 a. in red clover, 10 a. clover
e grass, 20 a. mow land, balance
nearly all smooth second bottom
lenty good water, 5 room house,
r 8 horses, and loft, corn crib, hen
hed, etc.; 1-2 miles to school, R. F.
phone. Write at once for full den and plat. Price \$47.00 per acre.
LANDER & CO., 481 Kansas Ave.,
Kan.

cress, 2 miles from Burlingame; 60 miration; balance meadow and pastroom house; \$1,000 new barn; small \$55 per a.; one-half down at 6 per rite for other properties in western mil Kansas and northern Oklahoma, & Coover, Topeka, Kan.

SALE OR EXCHANGE—Labette
380 a., 1 mile of Angola, 200 a. in
ion, very fine improvements. Terms
if cash buyer. Price \$50 ac. Ad-. W. Cave, Salina, Kan.

EY in Western land. Live agents. Write Walter & Walter, Syracuse,

ELD NOTES

FIELD MEN.

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

C C

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Kan.

ANC one of act st be imported in ith it

PURE BRED STOCK SALES. Percherons.
S. Corsa, White Hall, Ill.
H. G. McMillan & Sons, Rock ds. 1a., 5-10.—E. R. Morgan, Blue Rapids,

ds, la. G. McMill & Sons, Rock

7-8.—11. C. Glissman, Station B., ha, Neb.

Merefords. 0.—Thos. Crawford, Butler, Mo. 1-18—G. W. Newman, Emporia, Kan. 5-16.—E. R. Morgan, Blue Rapids,

L-Dr. R. A. Stewart, Hutchinson,

14-J. F. Stodder, Burden, Kan.

-Wilcox & Stubbs, Des Moines, Ia.

Poiand Chinas.

L. J. D. Willfoung, Zeandale, Kan.
L. 26, B. M. Bell, Beattle, Kansas.
Francis Prockish, Westmoreland,

L-Francis Brockish, Westmoreland,

J. C. Salter, Jasper, Mo.

J. E. Dillingham, Platte City, Mo.

W. H. Emens, Elmdale, Kans.

Frank Michael. Erie, Kan.

S. A. Hobson & Son, King City, Mo.

T. J. Dawe. Troy. Kan.

A. R. Enos, Romona, Kan.

Jas. Arkell, Junction City, Kan.

Jas. Arkell, Junction City, Kan.

Jas. Arkell, Junction City, Kan.

J. D. Spangier, Sharon, Kan.

J. D. Spangier, Sharon, Kan.

W. E. Long, Meriden, Kan.

J. J. Hartman, Elmo, Kan.

Jay. J. Hartman, Elmo, Kan.

Jay. J. Hartman, Elmo, Kan.

Reco, W. Smith, Burchard, Neb.

Stelem Stock Farm, Marshall, Mo.

A. R. Ryestead, Mankato, Kan.

Herman Gronniger & Sons, Bena.

Ken.

Edward Welter, Flush, Kan.

A-Herman Gronning.

A. Kan.

B. Edward Welter, Flush. Kan.

A. W. F. Fulton, Waterville, Kan.

L. A. P. Young, Lexington, Mo.

L. F. C. Swiercinsky, Belleville, Kan.

Albert Smith & Sons, Superior,

R. M. Finch, Sheriden, Mo. 15—T. J. Meisner, Sabetha, Kan. 15—W. R. Webb, Bendena, Kan. 15—George Wedd & Son, Spring Hill,

Baker Bros., Butler, Mo.

J. C. Halderman, Burchard, Neb.

J. O. James, Bradyville, Iowa.

E.W. V. Hoppe, Stella, Neb.; sale at

City. Neb,

J. H. Harter, Westmoreland, Kan.

J. Williams, Valley Falls, Kan.

J. H. G. Walker & Co., New Madi
Ohio.

Juno.

H. B. Walter, Effingham, Kan.

L. H. C. Graner, Lancaster, Kan.

L. T. E. Durbin, King City, Mo.

L. T. M. Willson, Lebanon, Kan.

L. H. B. Bowser, Abliene, Kan.

L. H. J. Griffiths, Clay Center, Kan.

Nov. 8—L. E. Klein, Zeandale, Kan.
Nov. 8—W. A. Prewett, Asherville, Kan.
Nov. 9—Young & Kimberling, Glasco, Kan.
Nov. 9.—Joe Schneider, Novtonville, Kan.
Nov. 11—P. L. Ware & Son, Paola, Kan.
Nov. 13—Walter Hildwein, Fairview, Kan.
Nov. 14—F. W. Barber & Son, Franklin,
Nov. 15—A. P. Wright, Valley Center, Kas.
Nov. 15—C. W. Jones, Solomon, Kan.
Nov. 15—C. W. Jones, Solomon, Kan.
Nov. 16—Miller & Mandarschied, St. John

b. 15—A. P. Wright, Valley Center, Kan. 15—C. W. Jones, Solomon, Kan. 16—Miller & Manderschied, St. John,

Kan.

Nov. 17—J. F. Ware, Garfield, Kan.

Nov. 18—George W. Roberts, Larned, Kan.

Nov. 20.—O. M. Furnas, Oxford, Kan.

Jan. 23—T. J. Meisner, Sabetha, Kan.

Jan. 24—A. L. Albright, Waterville, Kan.

Jan. 25—J. H. Hamilton & Son, Guide Rock,

b.
27—A. C. Lobaugh, Wash'ngton, Kan.
5—J. L. Griffiths, Riley, Kan.,
6.—Thompson Bros., Marysville, Kan.
6.—H. C. Graner, Lancaster, Kan.
7—Albert Smith & Sons, Superior,

Feb. 7—Albert Smith & Sons, Superior, Neb.
Feb. 8—T. J. Charles, Republic, Kan.
Feb. 8, 1912—George M. Hull and Col. C. E.
Bean, Garnett, Kan.
Feb. 9—W. E. Willey, Steele City, Neb.
Feb. 12—Oak Hill Stock Farm, Esbon, Kan.
Feb. 16—J. H. Harter, Westmoreland, Kan.
Feb. 17.—Ernest W. Beery, Shambaugh, Ia.
Feb. 17—A. R. Ryestead, Mankato, Kan.
Feb. 20—R. M. Bunnell, Atchison, Kan.
Feb. 20—E.—E. Logan, Beloit, Kan.
Feb. 21—W. A. Prewett, Asherville, Kan.
Feb. 22—C. W. Jones, Solomon, Kan.
Feb. 22—C. H. Pilcher, Glasco, Kan.; sale
at Concordia, Kan.
Feb. 24.—C. H. Pilcher, Glasco, Kan.; sale
at Concordia, Kan.
Feb. 27, 1912—L. R. McClarnon, Bradyville.
Jan. 4—Ben. Bell, Beattle, Kan.
Jan. 5—H. B. Walter, Effingham, Kan.
Lowa.

Jan. 5.—H. B. Walter, Emiliana.

Jan. 24.—A. L. Allbright, N. E. Copeland,
Waterville, Kan.
March 2—F. W. Barber, Franklin, Neb.
March 6—T. M. Willson, Lebanon, Kan.

Buroc Jerseys.

Sept. 30.—Lee Stanford, Lyons, Kan.
Oct. 9—E. W. Davis & Co., Glenwood, Mo.
Oct. 14—H. B. Miner, Guide Rock, Neb.
Oct. 17—Pearl H. Pagett, Beloit, Kan.
Oct. 20.—J. B. Davis, Fairview, Kansas.
Oct. 25.—C. E. Conover, Stanberry, Mo.
Oct. 27—Dana D. Shuck, Burr Oak, Kan.
Nov. 3.—T. I. Woodall, Fall River, Kan.
Nov. 1—W. E. Monasmith, Formosa, Kan.
Nov. 2—Frank Elder, Green, Kan.
Nov. 15—J. F. Stodder, Burden, Kan.
Nov. 15—J. F. Stodder, Burden, Kan.
Nov. 15-J. F. R. Morgan, Blue Rapids,
Kan.

Nov. 3.—Grant Chapin. Green, Kan.
Nov. 15—J. F. Stodder, Burden, Kan.
Nov. 15-16.—E. R. Morgan, Blue Rapids,
Kan.
Jan. 30.—Ward Broz., Republic, Kan.
Jan. 31.—W. E. Monasmith, Formosa, Kan.
Feb. 1—Geo, Phillippi, Lebanon, Kan.
Feb. 7, 1912.—Frank Elder, Green, Kan.
Feb. 2.—Rinehart & Son, Smith Center, Kan.
Feb. 8.—J. B. Davis, Fairview, Kansas,
Feb. 8.—J. B. Davis, Fairview, Kansas,
Feb. 8.—Sanderson Bros., Cleburn, Kan,
Feb. 12.—J. O. Hunt, Marysville, Kan,
Feb. 12.—J. O. Hunt, Marysville, Kan,
Feb. 14.—Edward Fuhrman & Sons, Oregon, Mo.
Feb. 14.—Thompson Bros., Garrison, Kan,
Feb. 15.—Grant Chapin, Green, Kan,
Feb. 27.—W. T. Filtch, Minneapolis, Kan,
Feb. 28.—Leon Carter, Asherville, Kan.

Oct. 18.—J. N. George, Hopkins, Mo. Oct. 19.—J. H. Harvey, Maryville, Mo. Oct. 25.—R. W. Gare, Garnett, Kan. Oct. 28.—Arthur Mosse, Route 5. Leavenworth, Kan. Oct. 30.—C. R. Champion & Son, Raymore,

Nov. 4—George O. Clark, Wilcox, Neb., and O. W. & E. Holtquist, Sacramento, Neb Sale at Holdredge, Neb.

ov. 15-16.—E. R. Morgan, Blue Rapids, Kan. (Capital Bluff Stock Farm.)

Last Call for Ben Bell's Sale.

The first important big type Poland China sale of the season will be the Ben Bell sale at Beattle, Kan., Tuesday, September 26. This offering, composed nearly altogether of last December and January pigs, will afford an excellent opportunity for farmers and breeders who believe in using more mature stock for breeding purposes.

College Hogs For Sale.

The Agricultural College is now offering a number of choice boars and gilts for sale. Berkshire, Duroc Jersey and Poland China hogs are included in the offering, and breeders of either who may wish to secure college stock should consult the advertisement, and address Animal Husbandry Department, Kansas Agricultural College, Manhattan, Kan.

Missouri State Fair.

Missouri State Fair.

President W. H. Taft will spend the entire day of September 30 at the Missouri State Fair, as the guest of Governor Herbert S. Hadley, the board of directors of the fair and the people of Missouri. He will speak in the Live Stock pavilion at 10:30 a. m. In the afternoon he will be in the grand stand to witness the great live stock parade, one section of which will be the greatest mule parade ever made. Governor Herbert S. Hadley will introduce President Taft to the Missouri audience which will be at the State Fair to greet him.

Stalter's Big Type Sale.

On Thursday, October 5, at Jasper, Mo., J. C. Stalter & Son will sell a draft of their richly bred, big type Poland Chinas, consisting of 1 tried sow safe in pig. 15 fall yearling glits, 17 spring glits, 2 fall yearling boars and 10 spring boars. Billie Sunday, Blain's Wonder, Hadley Boy, and other big type boars are represented in the breeding. This is an important sale, and the quality of the offering is such that it should attract buyers from all over the corn-belt. Real quality in big type Poland Chinas is much sought after, and this sale will afford a chance to buy this kind. Remember the date, and get a catalogue. Please mention Kansas Farmer when you write

W. T. Fitch, the Minneapolis, Kan., Duroc Jersey breeder, writes that conditions are fine in his part of the state. He has a nice lot of spring pigs which are for sale. Also tried sows bred for early fall farrow. These sows represent the best Duroc families and are good breeders and will be priced low in order to reduce size of herd.

Roy Johnson of South Mound, Kan., has lately added to his splendid herd of big-type Poland Chinas by the purchase of the entire herd of R. P. Sare of Erie, Kan. This purchase included 34 sows and gilts and the herd boar, Dan Hadley, who is said to be one of the largest and best boars for his age in southeast Kansas.

Get a Michael Catalog.

Don't fail to send for a catalog of the large type Poland China hog sale. They are the real Michael kind. This sale will be held at Erie, Kan., Tuesday, October 10. See ad, in this issue.

W. E. Long's Mastadon Kind.
In his card this week W. E. Long of Meriden, Kan., suggests that parties write early for catalog of his October 18 Poland China sale. Mr. Long has a great herd. About half of the spring pigs are by his yearling boar, King Mastadon 2d, a boar of great size. Get catalog of this sale and study it.

Willfoung Changes Copy.

J. D.Willfoung of Zeandale, Kan., breeder of Poland Chinas, writes that owing to the fact that he has sold out so closely on fall yearling gilts he will not hold his September 28 sale, but will instead hold a bred sow sale some time during the winter. Mr. Willfung also changes his card and offers 100 spring boars and gilts at reasonable prices. Pairs not related, etc.

Shepherd's Shorthorns.
Recently a Kansas Farmer fieldman visited Mr. J. D. Shepherd of Clay Center, Kan. Mr. Shepherd owns a very choice small herd of registered Shorthorn cattle. The herd was established a few years ago with stock from the Gifford herd and contains cows sired by such noted bulls as Senator Bruce, Barmpton Knight, Conqueror, etc. The herd bull, Champion 2d 306942, bred by a good Missouri breeder, is a good individual.

Mr. Gust Burg, of Sciota, Ill., breeds high class Duroc Jersey hogs and advertises them on page 20 of this issue. He has 100 spring pigs for sale and they represent some of the most popular strains of the breed. They are by such sires as Grand Master (son of Muncie Chief), Perfect Col., Beauty's Model Top, Fancy Col. and Model Top. The gentleman invites personal inspection or correspondence with reference to stock and guarantees most reasonable prices. Address Mr. Gust Burg, Sciota, Ill.

Meisner Hogs Doing Weil.

Mr. T. J. Meisner, regular advertiser in Kansas Farmer, writes that the big Poland Chinas are coming along in great shape. He has a wonderful lot of spring pigs and about 75 very choice fall pigs. He states that he has recently had some very fine photos taken of some of the principal hogs in his herd. Remember Mr. Meisner's October 25 sale of boars and gilts. His address is Sabetha, Kan.

Wonder and Mastadon Breeding.

J. L. Griffiths, of Riley, Kan., reports nice sales on Poland China spring boars, but says he has some nice ones left. They were mostly sired by Commander, a bigtype boar bred by Charles Morrison of Phillipsburg, Kan. Their dams are sows of extra size and quality of Mastadon and Wonder breeding. Mr. Griffiths will hold all his glits for his February 5 sale.

Long King's Best to Kansas.

As already reported, H. B. Walter's great boar, Expansive, died August 15. Mr. Walter writes that he feels the loss of this great boar keenly, but that he has lots of his pigs, and that the Sampson Chief pigs are very promising. Besides this, Mr. Walter owns jointly with H. C. Graner of Lancaster, Kan., the top boar sold at the Pfander sale August 10. Messrs. Walter and Graner paid \$162.50 for this young fellow. He is a son of Long King and his name is Long King's Best.

Graner Changes Winter Sale Date.

Mr. H. C. Graner, Poland China breeder of Lancaster, Kan., changes his winter sale date to February 6. Mr. Graner will also have a fall sale, the date of which is November 2. Mr. Graner has about 100 choice spring pigs by his great boars, Gwy's Monarch by Guy's Price 2d, Col. Thomas, etc. Owing to the fact that he has purchased a half interest in the great boar, Long King's Best, Mr. Graner has decided to put Col. Thomas in his fall sale. This is one of the good herd boars of the state. Col. Thomas was sired by Sampson, a noted Nebraska boar.

American Royal Angus Sale.

American Royal Angus Sale.

After a careful inspection, Secretary Gray of the Aberdeen Angus Association has accepted animals from the following herds, to be sold in the American Royal sale at Kansas City on October 13. The names of consignors are as follows: W. W. Andrews, Jasper Auldridge & Son, A. C. Binnie, Omer Catterson, G. F. Chappell, Paul M. Culver, Harrison & Harrison, W. A. Holt, Kansas State Agricultural College, George Kitchen, Jr., Philip C. McDonald, McLachlan Bros. & Johnson, W. J. Miller, G. W. Sweitzer, W. J. Turpin and J. B. Withers.

J. Q. Edwards' Hampshires.

J. Q. Edwards' Hampshires.

Notice the card of J. Q. Edwards, the well known Hampshire breeder of Platte City, Mo. Mr. Edwards has one of the best herds of Hampshire hogs in the country. His herd is headed by the celebrated boar, Edlanger 1039. Erlanger is a very high class boar and has proved to be one of the best breeders and his offspring is making good in many Hampshire herds. At this time Mr. Edwards is offering a carefully selected lot of high class young boars. They are big, husky fellows, of the right type, and the writer has not inspected a better lot this year. As Mr. Edwards desires to keep a large number of Erlanger glits, he will also sell this fine boar. If you are interested in Hampshires, write Mr. Edwards; he can supply your wants. Please mention Kansas Farmer when you write.

W. H. Emmens' Poland China Sale. On Monday, October 9, W. H. Emmens f Elmdule, Kan., will sell 50 head of

high-class Poland Chinas. Don't fail to read sale ad. in September 30 issue, and send your name in early for a catalog. Kindly mention the Kansas Farmer.

T. M. Willson's Polands and Poll Durhams.
T. M. Willson, proprietor of the Spring-brook Stock Farm, located at Lebanon, Kan., has for sale 80 choice pigs sired by leading big type Poland China boars.
Also, some very choice Polled Durham double standard and Shorthorn bulls.

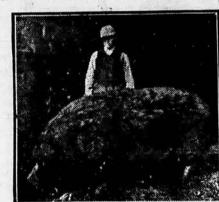
Curry Writes.

Mr. John T. Curry, Poland China breeder, of Winchester, Kan., has for sale some choice boars of April farrow, weighing about 125 pounds. They were sired by M.'s Giant Wonder by Price Wonder, his dam by Orange Chief. Mr. Curry's sows are of the Expansion and Hadley strains. See advertisement in this issue and write.

Bert Harriman Sells Good Offering.

Owing to unusually hot weather, the Bert Harriman sale, held at Pilot Grove, Mo., on September 14, was not quite up to what was expected. The offering was good and there were many bargains went through the ring during the entire sale. Sows bred to the great herd boar, Mount Vernon Hadley, were in demand. The sows and gilts sold were a grand lot, we believe as good as will be sold this year. The following is the report in full: 1. W. B. Wallace, Bunceton, Mo., \$60; 2, C. H. Ross, Pilot Grove, Mo., \$44; 3, E. E. Conner, Pilot Grove, Mo., \$44; 3, E. E. Conner, Pilot Grove, Mo., \$45; 5, C. H. Ross, Pilot Grove, Mo., \$50; 9, J. Stites, Pilot Grove, Mo., \$50; 10, H. Quinn, Pilot Grove, Mo., \$50; 11, Frank Brummitt, Carthage, Fayette, Mo., \$51; 15, Dr. W. P. Lewellen, Canadian, Okla., \$36; 19, Dr. D. L. Row, Canadian, Okla., \$36; 20, Dr. W. P. Lewellen, Canadian, Okla., \$36; 20, Dr. W. P. Lewellen, Canadian, Okla., \$36; 20, Dr. W. P. Lewellen, Canadian, Okla., \$37; 22, J. H. Baker, Butler, Mo., \$31; 23, W. A. Scott, Pilot Grove, Mo., \$30; 26, W. A. Scott, Pilot Grove, Mo., \$33; 28, G. P. Painter, Pilot Grove, Mo., \$36; 29, Dr. W. P. Lewellen, Canadian, Okla., \$31; 31, W. A. Raker, Butler, Mo., \$31; 31, L. V. O'Kesfe, Bucyrus, Kan., \$22; 36, Haley Bros., Pilot Grove, Mo., \$31; 31, L. V. O'Kesfe, Bucyrus, Kan., \$48; 344, Charles Pratt, Blackwater, Mo., \$31; 38, Charles Pone, Blackwater, Mo., \$31; 39, Dr. W. P. Lewellen, Canadian, Okla., \$38; 46, J. D. Blackwell, Fayette, Mo., \$31; 39, Dr. W. P. Lewellen, Canadi Bert Harriman Sells Good Offering.

The accompanying cut was made from a photo of a Poland China boar bred by J. L. Griffiths of Riley, Kan. At the time the photo was taken he weighed 1,030 pounds.



Mr. Griffiths has in his herd four extra fine sows that are full sisters to this boar. Some of these sows and their daughters will be included in Mr. Griffiths' February 5 sale.

W. B. Wallace's Sale Average \$42.50.

On Wednesday, September 13, W. B. Wallace of Bunceton, Mo., sold 47 head of large type Polands at an average of \$42.50. The top of the sale was \$115, paid by H. W. McKnight, Aurora, Mo. J. C. Stalter bought one of the snaps of the sale for \$58. There was a fair crowd of breeders and farmers present, but many gave, out the impression that the extreme hot spell would affect the sale. However, Mr. Wallace was quite well pleased with the results. The following is a report of all catalogued: 1, Joe Hawkins, Bunceton, Mo., \$55; 2, H. B. Daniel, California, Mo., \$62.50; 3, W. B. Lateridge, Fayette, Mo., \$55; 4, Joe Hawkins, Bunceton, Mo., \$30; 6, W. C. McDaniels, Bunceton, Mo., \$30; 7, W. C. McDaniels, Bunceton, Mo., \$30; 7, W. C. McDaniels, Bunceton, Mo., \$30; 9, S. N. Hodgeson, Parker, Kan., \$33; 10, 9, S. N. Hodgeson, Parker, Kan., \$33; 10, J. R. Nave, Gardner, Kan., \$50; 11, W. E. Bridges, Slater, Mo., \$40; 12, J. A. Winebrenner, Tipton, Mo., \$76; 14, J. A. Winebrenner, Tipton, Mo., \$76; 15, Timm Bros, Bunceton, Mo., \$26; 16, Timm Bros., Bunceton, Mo., \$26; 16, Timm Bros., Bunceton, Mo., \$27; 17, W. E. Winebrenner, Tipton, Mo., \$76; 15, Timm Bros., Bunceton, Mo., \$26; 16, Timm Bros., Bunceton, Mo., \$26; 16, Timm Bros., Bunceton, Mo., \$27; 17, W. E. W. B. Wallace's Sale Average \$42.50. brenner, Tipton, Mo., \$43: 13, J. A. Winebrenner, Tipton, Mo., \$76: 14, J. A. Winebrenner, Tipton, Mo., \$76: 15, Timm Bros., Bunceton, Mo., \$26: 16, Timm Bros., Bunceton, Mo., \$26: 17, J. A. Winebrenner, Tipton, Mo., \$40: 18, D. Woodward, Lamont, Mo., \$46: 19, J. A. Winebrenner, Tipton, Mo., \$45: 20, Timm Bros., Bunceton, Mo., \$45: 20, Timm Bros., Bunceton, Mo., \$30: 21, H. W. McKnight, Aurora, Mo., \$29: 22, G. M. Curnutt, Montserrat, Mo., \$39: 23, J. A. Armstrong, Bunceton, Mo., \$45: 24, J. A. Armstrong, Bunceton, Mo., \$45: 24, J. A. Armstrong, Bunceton, Mo., \$45: 25, W. E. Bridges, Slater, Mo., \$39: 26, H. W. McKnight, Auraro, Mo., \$115; 27, J. C. Stalter, Josper, Mo., \$50: 29, L. V. O'Keefe, Bucyrus, Kan., \$30: 30, W. H. Charters, Butler, Mo., \$51; 32, R. S. Tevis, Bunceton, Mo., \$47: 33, J. C. Stalter, Jasper, Mo., \$45: 35, Dave Woodward, Lamont, Mo., \$40; 36, Timm Bros., Bunceton, Mo., \$35: 42, L. V. O'Keefe, Bunceton, Mo., \$24: 44, Rear Bros., Longwood, Mo., \$22: 45, George Morse, Bunceton, Mo., \$22: 45, George Morse, Bunceton, Mo., \$29: 49, Ed Patterson, Bunceton, Mo., \$29: 29, Ed Patterson, Bunceton, Mo., \$29: 25, Mo., \$40: 56, Philip Ranch, Studdgart, Ark., \$55: 60, E. B. McDaniels, Hillsboro, Ill., \$40: 61, J. Armstrong, Bunceton, Mo., \$40: 61, J. Arms

Be Sure to Buy Your Stove at Home!

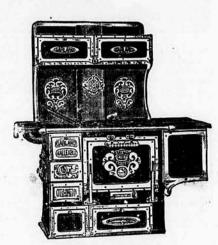


Art Garland
De Luxe
Series

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Unique Garland Four-Hole Cook Stove

F you are thinking of buying a stove or range, better "look before you leap."

We, the largest makers of stoves and ranges in the world, have decided to place the stove buyers of this country in possession of certain facts on the stove and range situation which will enable every buyer to safeguard his interests in advance of making a purchase.

We take this step because we feel that we owe a duty to the public which for 40 years has favored Garland Stoves and Ranges with overwhelming evidence of its approval.

For today you will find Garland Stoves and Ranges in over 4,000,000 homes.

Here, in brief, are the facts:

The trademark name, "Garland," on a stove or range, because of the quality and service which it represents, has become enormously valuable to us. We estimate its value at millions of dollars. Behind it are 40 years of study, invention, experience, skilled workmanship and conscientious effort.

In recent years some concerns selling stoves and ranges have sought to trade on our reputation by offering cheap stoves at cheap prices on the representations that such goods are "as good as Garlands." The time has come when the protection of stove buyers demands that we brand these claims as absolutely false.

The purpose of this announcement is to point out to the stove buyer the safety, convenience, satisfaction and greater economy of buying stoves and ranges from established local dealers.

Pays to Buy Stoves from Your Local Dealer

It pays in satisfaction, safety, convenience and economy to buy stoves from your local dealer. His profit per stove is very small. He gives you big value for every dollar of stove money.

The idea that your home dealer makes a pocketful of money on every stove he sells is utterly *ridiculous*. Stoves are *staple merchandise*, just like sugar, coffee, salt, calico, muslin, etc. The dealer's profit on a *good* stove is often scarcely more than the amount of freight you would pay if you sent away for it.

How the Home Dealer Helps You

If you have ever wrestled with a stove loading it at the depot, carting it home, unloading it, getting it out of the crate, putting it together, blacking it and possibly waiting a couple of weeks for replacement of broken parts before being able to use it, you will never wish to repeat the performance.

Your home dealer not only gives you more stove value for every dollar you spend, but he saves you a pile of trouble, inconvenience, dclay and dissatisfaction.

He delivers your stove the day you buy it—no waiting to fill orders—no aggravating freight delays.

He delivers your stove in good shape. If the railroad company smashes up a stove, the dealer, not you, adjusts the trouble.

The same home dealer delivers your stove set up, blacked and polished—ready for business. By you there's no carting it, no setting it up, no polishing. Moreover, your local Garland dealer will give you ten times

more liberal credit terms and free trial terms than anybody else in the world. And you don't have to tell him your family history, either. Are not these many advantages in home-dealing well worth considering?

Permanent Satisfaction Bette Than "30 Days' Free Trial"

Thirty days or thirty weeks are no test of a stor worth. A good stove must give permanent satisfaction, it's too expensive and troublesome to be buying stoves a few seasons. If you buy a Garland stove, you have your dealer at home who guarantees you permanent satisfact you have the excellent product of the biggest stove many turers in the world, who could never have become the bigge they had not made the best and most serviceable stoves, isn't always easy to send back a stove bought on "30 b. Free Trial."

Before You Buy

In view of these great facts, we urge you in your interest to go to your local Garland dealer and look at Garland Stand Ranges. Get his prices and let him show you the post about these stoves which make them last longer, burn fuel and give permanent satisfaction.

8 Books Free We publish Eight handsome St Books, as pictured here. They about different kinds of Stoves, Heaters, Ranges, Cook Gas Ranges, Furnaces, etc. Which books would you like have? You can have free as many as you choose.

One of these books, "The Only Safe Way to Buy Stoves Ranges," tells the pitfalls of buying stoves away from he discussing such subjects as, "Not Easy to Return Stove "The Dangers of Buying Sight Unseen," "Excess Frei in Stove Buying," "30 Days' Free Trial vs. Perman Satisfaction," "Delayed Shipments," "Cheap Rocking Chermiums," etc., etc., etc. This is the first time the mi disadvantages of buying stoves away from home have been put in book form. It is a fair, square statement facts—interesting and valuable. We are distributing tens thousands of them. May we send your copy at once?

Look at the names of the eight free books and then put an opposite the name of those wanted. (See coupon below.) Bette this today. Cold weather will soon be here and it's best to be pared now for ice, snow and bleak weather. Address either of

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Detroit and Furnaces in the World Chicago

