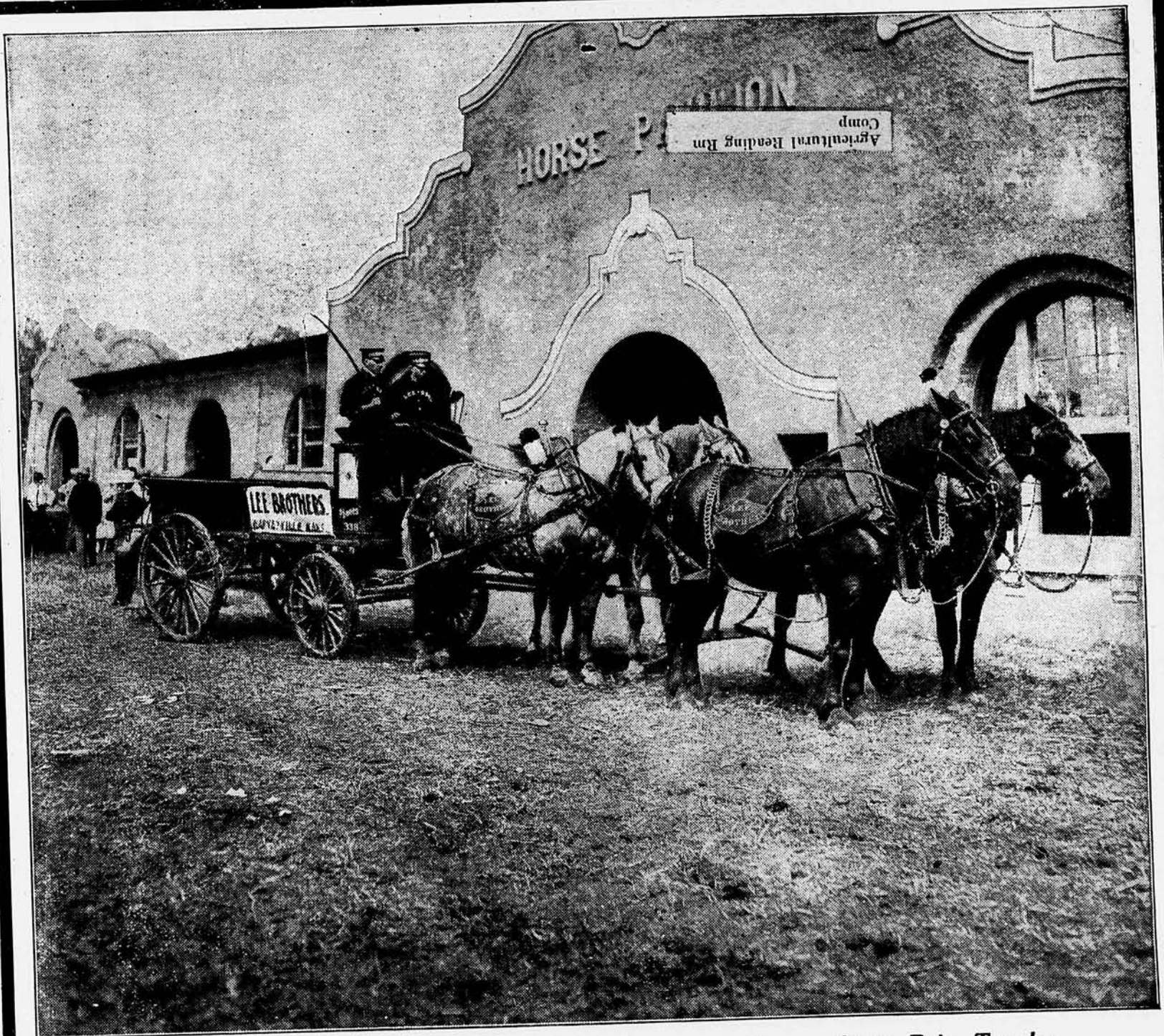


THE FARMERS MAIL AND BREEZE

Volume 42

September 21, 1912

Number 28



Lee Brothers' Four Horse Team of Percherons, at Kansas State Fair, Topeka

EVERY year thousands of farmers suffer loss from short-lived under-sized bearings in their farm machinery. It is not said that the implement makers purposely "scant" these parts but it is true a very profitable business is done in duplicating them. A Kansas implement dealer and farmer who has made a study of the matter has written out his conclusions for Farmers Mail and Breeze. They will be printed next week.

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MANHATTAN, - KANSAS

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Guaranteed 5 Years

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KANSAS ART CLUB, Dept. 27, Topeka, Kan.

What Farmers Are Thinking

You are cordially invited to air your opinions in this column, but the Mail and Breeze reserves the right to condense such statements as far as possible to give other contributors a chance to say something. Short, crisp expressions of opinion on matters of interest or consequence to farm folks are welcome. All contributors must take their turn.

Let Farmers Help Themselves.

Mr. Editor—I have just read Mr. Shade's letter on co-operation and I think he hit the nail on the head. We farmers are howling about the trusts and big business concerns and letting them do all the business for us when we could do a whole lot of it ourselves, and by so doing help ourselves. If we will begin at our own dooryard and do a little reforming by getting organized, we might have some occasion to howl the way we do. You say the language of Mr. Shade is a little strong in places. It seems to me we need a good deal more such as that and maybe it would wake us up to a sense of duty to ourselves and our fellowman-to-be-co-operators.

Liberal, Kan. W. A. Jacques.

Women as Likely to Vote Right as Men.

Mr. Editor—Reading Mrs. Worchester's letter I feel I must say a word for women. Our friend says if only the good, true women could vote it would be all right. Yes, if only the good, true men could vote it would be all right. Those laws that are so hard on women were passed and became laws while our good husbands were voting. If we have a bed to sleep on we pay tax on that bed—if we have a dozen hens we pay tax on them. I think equal suffrage is a personal issue between every man and his wife, every brother and his sister. We have proven our ability in labor of our kind, we even farm successfully and succeed favorably in business with our brothers. Women are too busy to write for publication, but two-thirds of them want equal suffrage.

Cowley county, Kansas. Mrs. B.

Reasons for Supporting Capper.

Mr. Editor—I want to say that Mr. Capper's candidacy for governor will receive my earnest support.

First—Because a man who has made a success of his own business has furnished some evidence of being able to successfully conduct that of the public. I am growing a little weary of being solicited biennially by men who privately are business failures, and publicly are political parasites.

Second—Kansas is justly proud of her homegrown products, and I shall be glad to help exhibit a “homegrown” governor, and as confident that he will measure up to the Kansas standard—always highest.

Third—In common with thousands of middle aged and young Kansans, who have lived their lives in a saloonless state, I am assuming, and with considerable confidence, I think, that we have a mutual interest in keeping it so; and as one whose life work is with the young in an educational way, I am pledging my word to my friends that Arthur Capper, a native Kansan, is an entirely safe man into whose hands may be placed the execution of such laws as affect the destinies of the future citizens.

Fourth—From the very nature of his life business, I believe no other man in Kansas is quite so closely in touch with the conditions and needs of the various lines of activity within our state—political, moral, industrial and educational.

Believing these things of Mr. Capper, I am, as best I can, promoting his interests, confident that as governor he will not be a disappointment.

H. W. Jones.

Shawnee county, Kansas.

Roosevelt Candidacy Was Demanded.

Mr. Editor—Reading your answers to Mr. Konkell of Vilas, Colo., I observe you say Colonel Roosevelt should have advocated some other Progressive's nomination at Chicago. I may be wrong, but I think he could not have been more untrue to himself, to his friends and to

his country than to have advocated another man knowing as he did that 2 million plurality had voiced his candidacy. Believing in all sincerity that a majority of the districts of the states had spoken in his favor and had instructed their legitimate delegates for him, to have tried to place another man would have been the veriest cowardice, a traitorous desertion of his friends and the cause he had espoused; a forsaking of what he believed to be right. I believe Roosevelt to be a noble patriot, if he is not on my ticket.

New Albany, Kan. J. L. Bishop.

Believes Crop Reports Harmful.

Mr. Editor—I have been a reader of the Mail and Breeze only a short time. I read the article written by Mr. Shepherd of Clay county about the crop reports given out by F. D. Coburn. I think Mr. Shepherd is right and that such reports as Mr. Coburn has been issuing the last few years in regard to crops are detrimental to the farmer, especially the western ones. I believe it would be a good thing for more to read Mr. Shepherd's letter of August 17 and also Mr. Coburn's letter of August 24 and pass an opinion on them. Let's see what the farmers are thinking about. Why is wheat at present only 76 cents per bushel? Is it over production? No, it is a combine of millers and elevators to keep the farmer's nose to the grindstone. This is my opinion, or at least my belief. Let us hear from some more who are so unfortunate as to have to till the soil and pay rent. Who's next?

Grinnell, Kans. J. W. Lawrence.

Let's think this over “ca'mly,” as Deacon Hardacre would say, before we take too much for granted. Wouldn't the absence of dependable crop reports be a calamity instead of a blessing? Grain speculators and market manipulators would ask nothing better. It would give them a free hand to work their “scare” and rumors; nobody would know what to believe; the business stability of the country would be as badly upset as in times of financial panic, and the producer would suffer along with the rest. Then only the man who had time and means to travel about over the country and post himself would dare buy grain in quantities, except on the widest possible margin of profit, for he wouldn't know what it was worth, or was going to be worth, and would have to take a greater risk than he does now. The professional grain gambler would rule the roost. The Kansas reports are considered the most accurate crop statistics issued in the U. S. While Coburn has perfected the Kansas system the reports are made by about 2,000 men who are out on the land. They are not Coburn's reports, other than that he compiles them and strives to have them as accurate as possible.—Ed.]

Wage Earners Are For Capper

From the Leavenworth County News.

Arthur Capper's candidacy for governor is especially pleasing to the wage earners of Kansas. Capper is one of the largest employers of labor in the state. Now we have a number of very humane industrial employers, but none have shown more active and intelligent regard for the needs of their employees than has Capper. He pays the highest wages, arranges comfortable places for the people to work in, is liberal with vacations and holiday recreations, is a thorough believer in the benefits of the eight-hour work day, which prevails throughout every department of his large establishment. Capper knows every phase of the industrial problem from both sides—that of the employee and employer. He makes the welfare of his employees as much a part of his business management as any factor in it. He employs several hundred girls and women. They are given the same wages as men performing like service—a practice that is not generally followed by employers. There are many other reasons why Capper will make an admirable governor, but none is of more importance than a comprehensive knowledge of industrial problems, and a just and sympathetic purpose to see that the wage earner is given an even break in the struggle for a livelihood. The economic status and problems of those who work for wages are the most vital of the day—there are so many of these people. Capper does not have to be trusted because of what he might say. He has proven his ability and worth by his acts. Everyone in the industrial field can vote for Capper with the utmost confidence that their interests will be carefully guarded by the highest official in the state government.

GET A U. S. GOVERNMENT JOB.

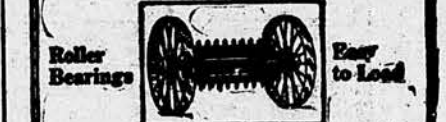
If interested write to Franklin Institute, Dept. F-177, Rochester, N. Y., for free list of Government positions open.



John Deere Spreader

The Spreader with the Beater on the Axle

IMAGINE a manure spreader without any chains; with all the clutches and adjustments removed; one that has no extra shaft for the beater, no stub axle or counter shaft; one on which the parts that drive the beater all surround the main axle and are within a distance of twelve inches from it; and one that, besides being of much lighter draft than any other you have ever seen, is so low down that it is only necessary to lift the manure as high as your hips when loading.



Imagine all that and you will have some sort of an idea of what this new JOHN DEERE SPREADER—The Spreader with the Beater on the Axle—is like. Absolutely the simplest and strongest manure spreader ever invented. It has from one hundred and fifty to two hundred less parts than any other spreader heretofore made.

Easy to load. It is always ready for business. It cannot get out of order. There are no adjustments to be made.

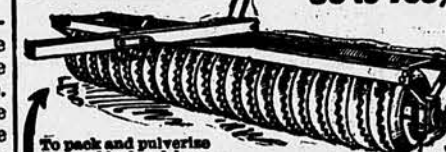
Valuable Spreader Book—FREE

This new, special spreader book contains valuable information concerning the use of manure on the land. In addition there is a detailed description of the John Deere Spreader, with illustrations in color of this new spreader working in the field.

To get this book free, postpaid, ask us for it as Package No. Y12.

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Packer, Pulverizer, Mulcher 3 Machines in 1 INCREASE ALL YOUR CROPS 50 to 100%



To pack and pulverize the seed bed and keep a loose mulch on top—to retain the moisture—is as important as to sow and to plant.

The Western Land Roller Will Do It All.

We sell direct to you. Free Circular gives description, price list and testimonials. Tells how to get better crops and increase your Winter Wheat yield by rolling in the spring—how to get a perfect stand of alfalfa with but 6¢ of the seed per acre. Write for the **FREE** Circular today.

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\$100 MONTHLY and expenses to trustworthy men and women to travel and distribute samples of big manure. Steady work. S. Schaffer, Treas. S. W. Chicago



Zack's Penetrating Healing Salve

Liquid in Form so as to Act Immediately.

For Old Sores, Burns, Bites, Boils, Cuts and Stings.

It will cure injuries from old rusty nails over night. A full size package and booklet **FREE** of postage for 25 cents, or a liberal sample size for only ten cents.

Order now and prevent a little injury from becoming a serious one.

THE ZACK COMPANY, Humboldt, Kan.



THE FARMERS MAIL AND BREEZE

AN AGRICULTURAL AND FAMILY JOURNAL FOR THE PEOPLE OF THE GREAT WEST

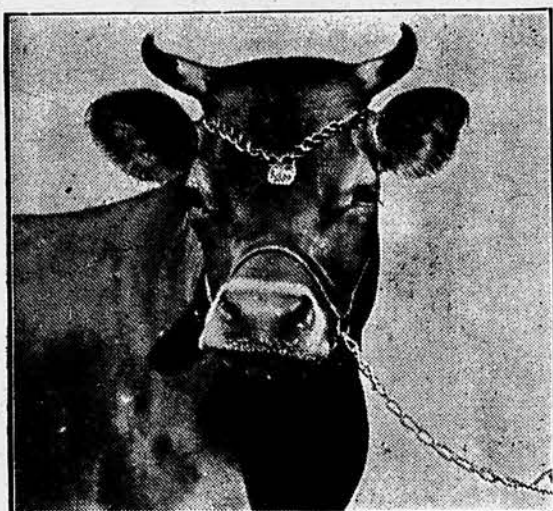


Volume 42
Number 38

TOPEKA, KANSAS, SEPTEMBER 21, 1912.

Subscription
\$1.00 a Year

WE CAN ADD 16 MILLIONS TO KANSAS' CREAM CHECK



The Jersey will help. Many excellent dairy herds have been built up in two or three generations of breeding by using purebred sires on the best common stock of the farm.

ADVENT of the cream separator and the installation of modern methods of butter-making, in factories, lent to Kansas dairying an impetus before unknown. These have materially helped to give the industry the high place it already has, but there is decided need for further progression before it attains its rightful rank. A great boon to our creameries, the quality of their products and the reputation of the state's butter, would be the supplying of a better quality of cream, which involves scrupulous cleanliness and more frequent deliveries.

A prominent Kansas creameryman is authority for the statement that the present factory equipment in Kansas is sufficient to make twice as much butter as is being manufactured, and "under these conditions such competition has been developed between the creameries that they are inclined to take almost everything offered, without strict regard to quality." This is by no means conducive to a very high standard among dairymen, and so long as such a situation exists there is little hope of marked improvement except through pride of the individual in marketing products that excel. It suggests, however, the superb opportunity there is for those who will intelligently co-operate with the cow.

In too many instances "the man behind the cow," unknowingly, or indifferent to his own best interest, maintains a herd not bred in dairy lines, gives them indifferent care and food of improper proportions or quality and vainly awaits a prosperity that never comes.

One authority has said that "a dairy cow to be a success in her profession should give her own weight in milk every month for at least six months in a year. If she is an extra good one she will do better." Cows will not make such records if required to shift for themselves, without reasonable shelter from the cold of winter or protection from the heat of summer. Feeding and care should be carefully studied. It is not only essential to feed enough in quantity but to see that the ration is properly made up as to quality and cost, and mostly or as a rule from crops grown on the farm, and it is important to learn early if each animal is worth feeding at all. As is well known, this may now be determined by the Babcock test and the scales or measure.

Many excellent dairy herds have been built up in two or three generations of breeding, beginning with the best individuals of the common stock already on the farm, by using purebred sires of the dairy breed preferred, and successive bulls of the same breed. Along with improvement in blood lines, there must be of course constant culling and discarding, as is necessary even in the best purebred herds. In this way, a high standard in milk production is reached and maintained, and dairy inheritance in the progeny of following generations is made more dependable. Any farmer may develop a high-class herd by the

And Just a Little Voluntary Co-operation Will Do Much to Gain It

BY F. D. COBURN

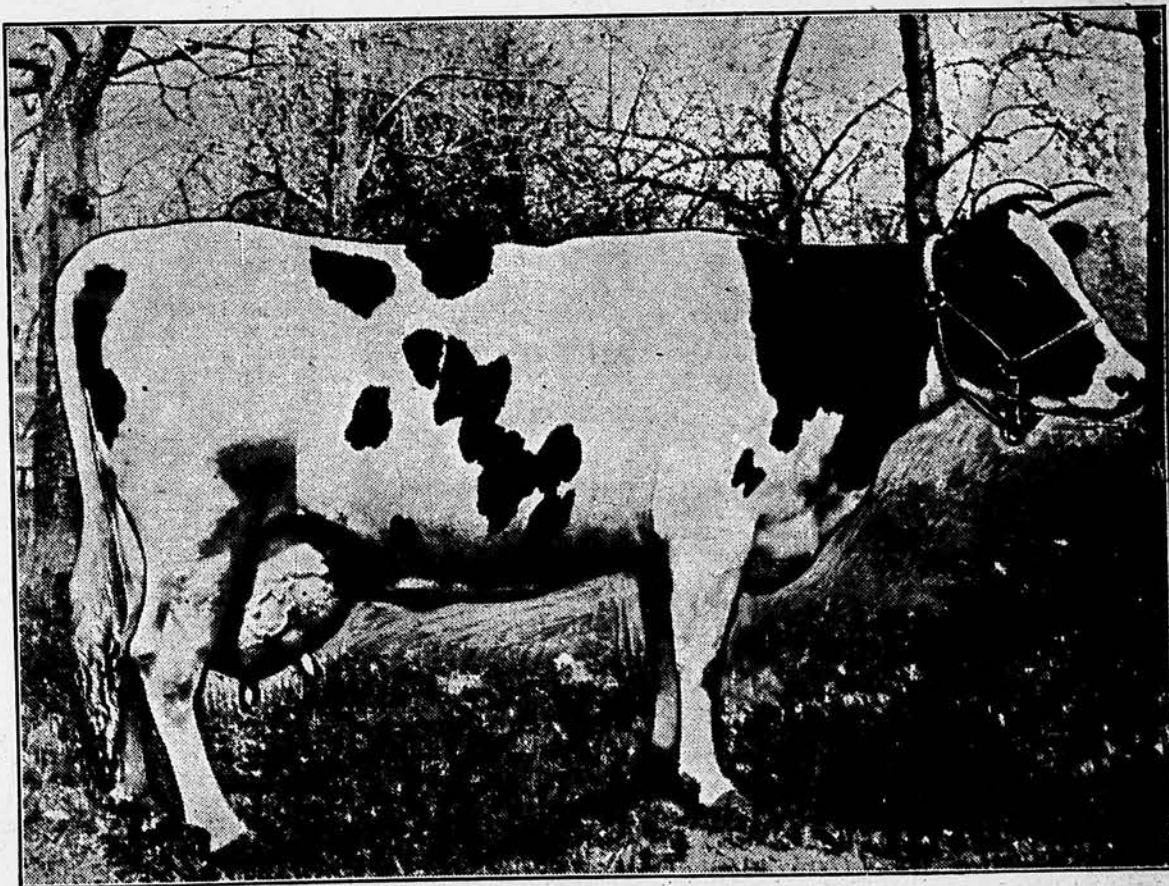
Written Expressly For Farmers Mail and Breeze

use of purebred bulls of a dairy breed, a strict method of selection and right feeding. The expense need not be great. If one feels unable to bear the cost of such a sire as he should have, others in the community might join in the purchase and use.

Conditions are nowhere more favorable for dairying than in Kansas. The climate during much of the year is ideal; a wealth of grain and fodders is grown inexpensively, and with the short, mild winters and convenience to unlimited markets, the state is pre-eminently suited to such husbandry. The corn, Kafir and other sorghums, alfalfa and clover, with the brans from our wheat, are the ideal cheap, raw materials for manufacturing on the farm by means of the cow commodities that afford an income each month in the year.

It was not until after the quite general introduction of the wonderful alfalfa plant that dairying in Kansas was systematically undertaken and developed. In truth, more to this than any other crop can be attributed the state's commanding position in the dairy world. Alfalfa is peculiarly rich in protein, the most valuable property of feedstuffs, and makes possible the production of milk at a minimum

of the land and increasing its stores of plant food is one of her strong recommendations. She fits in most admirably with systems of farming that build up the soil, whether the weather be wet or dry, the season hot or cold. It is common for our farmers to rely most on the cow in years when the grain crops are short, a fact which is borne out by statistics. In 1901, a year unfavorable for corn and forage, the number of cows milked increased more than 83,000. In 1911, another year of curtailed yields, the number jumped to 809,623 from 641,570 in the year before. According to the writer's views, it would be a long step in the direction of improvement and an assured perennial prosperity if our farmers adopted the cow and with her the silo, as their standbys, and particularly would this be advisable where now dependence is placed almost wholly in wheat. A sole reliance on any one crop is shortsighted and invites disaster. No permanent prosperity can be expected from such practices. In all parts of Kansas silage crops can be grown every season. With silage the farmer has a succulent feedstuff available for his cows not only during the winter months but also in times of short pasture in summer. It has been demonstrated that two cows may be wintered on silage from an area that produces dry feed for but one. The man who will build up a good producing dairy herd, supply himself with a silo and raise some alfalfa, is moving on the direct highway to financial well-being. Its extent mostly depends on the management. Such contention in behalf of the cow is not to discourage wheat growing, but to encourage dairying in addition, as a permanent feature. The cow rightly di-



Along with improvement in blood lines there must be of course constant culling and discarding, even in the best purebred herds. This Holstein cow, Daisy Grace de Kol, owned by Dan Dimmick, East Claridon, O., holds the world's record in milk and fat for a junior 4-year-old; namely 862.785 pounds of butter fat and 21,718.3 pounds of milk. In other words, she is the equal of seven average cows. Dairy records aid in selection and increase of profits.

cost. Silage is properly esteemed as a winter feed on account of its succulence, but experienced feeders who know alfalfa hay insist that harvested at the right stage of maturity, properly cured and cared for, it falls little short of serving all the purposes of good silage.

The utility of the cow in conserving the fertility,

rected will drive away the specter of hard times, minimize the drawbacks of short rainfall, and provide continuous ready money.

F. D. Coburn

The Farmer's Mail and Breeze

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40 cents per agate line. 104,000 circulation guaranteed.

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OUR ADVERTISEMENTS GUARANTEED.

WE GUARANTEE that every advertiser in this issue is reliable. Should any advertiser herein deal dishonestly with any subscriber, we will make good the amount of your loss, provided such transaction occurs within one month from date of this issue, that it is reported to us within a week of its occurrence, and that we find the facts to be as stated. It is a condition of this contract that in writing to advertisers you state: "I saw your advertisement in Farmers Mail and Breeze."

SPECIAL NOTICE TO ADVERTISERS.

Changes in advertisements or orders to discontinue advertisements must reach us not later than Saturday morning, one week in advance of the date of publication. We begin to make up the paper on Saturday. An ad cannot be stopped or changed after it is inserted in a page and the page has been electrotyped. New advertisements can be accepted any time Monday. The earlier orders and advertising copy are in our hands the better service we can give the advertiser.



**PASSING
COMMENT**
by
T.A. McNeal

THE UNCERTAINTIES OF LIFE.

The readers of the Mail and Breeze, a good many of them at any rate, have read that story in the New Testament of the man who thought he had a cinch in a business way. He was without a doubt one of the first-class business men of his day. Things seemed to come his way. Crops were fine and his barns were full. So he planned to build greater barns to hold the greater crops he had to gather. And just when he felt most comfortable in the assurance that he had everything just as he wanted it, Death came along and nipped him. All his plans were wasted so far as he was concerned.

I thought about this uncertainty the other day when I heard of a Garden City man who went to sleep one night a week or so ago, comfortable in the thought that he was blessed with plenty and prosperity and woke up the next morning to find that during the night 60 of his horses had died of this mysterious disease that is ravaging Kansas and Nebraska and spreading to other states.

I do not know the value of these horses, but I do know that it isn't much of a horse these days that isn't worth \$125, and if these 60 horses were worth an average of that amount his losses during that one fateful night amounted to \$7,500.

It may be that this man could afford to lose that amount and not be seriously inconvenienced, but whether he could or not, it illustrates the uncertainty of things here below. The man who gets the impression that he is the complete master of his own destiny, or that he has or can acquire an immortal cinch on things worldly is apt to discover just when he is most cheery just how little he knows about the future or what a single day may bring forth.

Today he goes forth full of wind and pride in his own strength and smartness and tomorrow, to use a slangful expression, he finds that his name is Pants and that even that cognomen should be spelled with a small "p."

Of course, I do not mean by this to discourage any person from doing his best in a decent, legitimate way to get ahead. The man who keeps trying stands a show to win the prizes of life while the man who never tries is doomed to certain failure, but I want to impress on his mind that life and all that pertains thereto is full of uncertainty, and the real philosopher is the one who does his best but is prepared to take the worst if it comes.

Speaking of the horse disease, I have just returned from a trip to the southwest part of the state and gathered some information from talking with people who have observed the ravages of this plague. I cannot say that my information, however, is of any particular value.

I have become satisfied that the veterinarians are

doing the best they know how, but as a matter of fact so far their services have not been of much value for the reason that they are just about as much in the dark about the causes and the remedy for this disease as the farmers who do not pretend to have any scientific knowledge of diseases of animals.

The animals that have died from this disease and been opened have been found, so far as I can learn, without exception, to have a great number of worms in their intestines, but whether these are causes of the malady or simply symptoms of the disease is not known. However, those who have given remedies calculated to destroy the worms, such as turpentine and solutions of copperas, seem to have saved some of their horses.

E. A. Bartlett, a farmer who lives southwest of Minneola, believes that he has saved the lives of several of his horses by applying these remedies. It is possible, of course, that they did not have the real disease or that they might have recovered anyway, but the pleasant fact remains that they are still alive.

I found that there is a difference of opinion about horses contracting the disease from eating grass. I was told of cases where horses had died that were kept in lively stables and had not run out on pastures at all.

While it is not certain that mules are immune from the disease it seems to be generally conceded that they are not nearly so subject to it as horses, which seems to me to be a strong argument in favor of the mule. The mule, in fact, does not appear to be nearly so apt to contract any of the diseases that afflict horses.

The mule is certainly as good a work animal as the horse and most men who use mules claim that he is a better work animal, more intelligent and easier to keep. The only place where the horse has him bested is as a roadster. It takes an extraordinarily handsome mule to look even fairly respectable when hitched to a carriage. He looks all right hitched to a plow or a mowing machine or a binder or header, or, in fact, in doing any sort of work about the farm, but he doesn't shine as a carriage animal.

If I were asked advice I would say if the farmer cannot afford to own an automobile to do his running about the country with, that he had better have mules for his farm work and then have a light driving team of horses for hauling his buggy to town.

Finally, while this epidemic among the horses has been a hard blow to a great many of the farmers, there is light ahead. There are indications that the worst of it is over with and that it is probably one of those calamities that will not recur for several years. I say probably, because here comes in that element of uncertainty. It may occur again next year and the next; but that is not likely.

Fortunately, the farmers in a good part of Kansas have been blessed this year with good crops and good prices. Down in southwest Kansas the wheat crop is immense and such a crop of Kafir corn I have never seen before. So with the bitter there is some of the sweet, which is considerable consolation.

SOME FAILURES.

Mose was a traveling man. He was at one time recognized as one of the most popular and successful knights of the grip on the road. He was big, smiling, good natured and understood his business. He was one of the best story tellers who ever came down the pike and in every town in his territory there was a crowd of fellows waiting for him to make his regular visit and listen to the new batch of stories he had collected.

He seemed to have no enemies. Merchants who had orders they wanted filled waited for him to come because they liked to do business with him and hear him talk.

Mose, however, had one fault, but that didn't seem to be much of a fault in those days. He was of the opinion that in order to get and hold business a traveling man must be one of the boys. He must set 'em up in every town he visited and after the day's work was over he gathered with the fellows and played a game of poker that extended into the hours of the morning.

They didn't play for big stakes and probably most of the players neither won nor lost a great deal of money during the evening's play, but there was a good deal of liquor drunk during the sitting and there were young men and some older men, too, who lost money, even with the small stakes that were played, that they couldn't afford to lose.

Mose broke about even on the cards, but he was out of pocket in the way of setting up the drinks, for it was his policy to make the fellows feel good. That, in his opinion, was the way to get business and hold it. Sometimes during the night Mose would show evidences of being "tanked up," as the saying was, but he was strong and young and by the next morning he was ready for business. He prided himself on that.

This went on for several years. To the casual and unthinking observer Mose appeared just about the same he had a half dozen years before, but the close observer could detect a change. His face was beginning to look puffed and the little veins were showing purple. It was noticed, too, that he some-

times now came into a store to take an order when his brain was muddled somewhat and his tongue a trifle thick. Once in a while, too, he would get an order mixed and that made trouble both for his house and the customer.

As time went on this became more frequent. Mose was getting careless. After a while it became noticeable that he was more or less under the influence of liquor all the time and he required several drinks a day as bracers.

Some of his customers quit him because of the mistakes in sending in his orders. Sales in his territory began to fall off and the manager of his house called him onto the carpet and told him that he must pull himself together and quit his drinking or lose his job.

As Mose had never saved anything worth mentioning out of his salary, spending all of it in being a good fellow, his job meant everything to him and he promised that he would change his habits. He meant it, too. He really supposed that when he once made up his mind to quit he could quit. He had made that announcement several times. But when he really tried it, every alcohol-soaked nerve in his body cried out in protest and his will, weakened by long indulgence, wasn't able to battle with his nerves.

So he yielded to the demand of the enemy by taking one drink as a bracer. When he did that he was gone, for his nerves yelled for more. He was on the greased toboggan slide to hell and couldn't stop. The manager bore with him for a while, for he liked Mose himself and knew that he had a wife and three or four children depending on him, but business was business. It wasn't fair to the house that its business should be ruined on account of a drunken salesman.

So Mose lost his job. Of course, the rest of the road was short. Without a job and without money Mose soon began to look seedy and disreputable. He also began to mistreat his family. He had been kind to them after a fashion before. He commenced to "panhandle" his old acquaintances; that is, to borrow a dollar or a half or even a quarter. He would hang about saloons hoping to be invited to take a drink.

His old-time acquaintances who used to laugh loudest at his stories avoided him. They would walk around a block to avoid meeting him, for they knew that he would strike them for a contribution if they met. He used to pride himself on being always neat and clean. Now he grew ragged, bleary-eyed and dirty. His wife had to leave him and Mose became a down-and-out, drunken derelict on the ocean of life.

He died while still a young man in the frenzy of delirium. He was a melancholy failure who might have been a glorious success.

Bill was of an entirely different nature from Mose. He took no stock in the good fellow business. He was a born money maker and from his childhood showed the predominating passion of his nature.

Among the boys he was known as the sharpest trader in the bunch. The boy that undertook to swap jack knives with Bill invariably got the worst of the trade. He never drank or smoked or gambled, not because he had any moral objections, but because drinking and smoking cost money and he had figured out that the gambler generally lost more than he won. He sometimes acted as banker for other fellows who played and took his rake-off, but never risked anything himself.

His theory in life was to make money in any way that was not forbidden by law. If he could get an advantage that did not tangle him up with the law in any way he would not hesitate to take it and he soon discovered that a man might beat his neighbor without running foul of any criminal statute.

If there was ever any of the milk of human kindness in his heart it curdled and then dried up entirely before he was 30.

When he could take advantage of another man's necessities to get what he had for a fraction of its value, he did not hesitate to do so. "Business is business" was his motto. "Let the other fellow look out for himself," he would say. "If I don't beat the fool someone else will and I may as well do it."

At 40 Bill was one of the richest men in his county and at 50 he was conceded to own more than any other man in any one of the counties in his congressional district. Money was emphatically his god. He worshiped at no other shrine than that of greed. He was consumed with envy of anyone who had more than he, and despised anyone who had less.

No dollar ever went willingly out of his pocket for any charity and his only contribution to help the unfortunate was that part of his taxes paid most unwillingly that was apportioned to public charity.

As age came on his greed increased. It marked his countenance with ineradicable lines. His face was the reflection of a shriveled soul. Judging others by himself, he believed that all men would do him up if they could and as he felt his physical and mental powers weakening he grew to fear as well as hate his fellow men.

The only pleasure he got was seeing his wealth accumulate, for he had not the capacity for enjoying it in a legitimate way. When he was compelled to spend a dollar it gave him pain, a real physical and mental pain.

But the years did not stop for Bill or his money,

and at last he found himself a sick and almost helpless man. His money would buy attendance. Paid nurses could be hired to wait on him, but he had no real friends, no companionship, and he became haunted with the impression that there was a conspiracy to rob him of his money. There was no need to argue with him that there is a hell. He knew it, for he was experiencing it right here on earth. So he died a miserable failure and the wealth that he had accumulated went to relatives who had never cared for him and for whom he had never cared and who were glad to hear of his death.

Mose and Bill seemed as far apart as the poles, and yet their failures were attributable to the same cause. Both failed utterly because they destroyed the best there was in their natures. Both took a distorted, wrong view of life. Both failed to realize that true happiness is never found in purely self-gratification, but in helpful service to your fellow-men.

THE CASE OF FLACK. Mercy is one of the noblest attributes of the human soul. The man who has none of this quality is a despicable creature. As no man is perfect himself, he ought to realize that there may come a time when he will slip and maybe fall and that in that time he will want the merciful judgment of his fellow-men. He who is not willing to show mercy to others cannot complain if no mercy is shown to him in case he makes a mistake or does a wrong.

I have no feeling of animosity toward Flack, the defaulting cashier of the Abilene bank. I do not know him. He has never done me any harm. I did not lose a dollar by his defalcation and neither was I called on to put up a cent to make good his shortage.

I have no doubt that he was what is termed a good fellow, generous, open-handed and genial. Of course, he was open-handed with money that did not belong to him and violated law without the excuse of ignorance, for he knew what he was doing and the consequences of his acts. No doubt, too, he has suffered a good deal for his transgression.

There are those who are now clamoring for mercy to him on the theory that he has suffered enough. It must be remembered, however, that he did not voluntarily submit himself to the law he had violated and offer the only reparation it was in his power to offer, namely, that he would take the punishment the law prescribed. He was taken at the end of a long and expensive hunt and surrendered when he could no longer help himself or escape arrest.

If he is really penitent he should be willing to suffer the reasonable penalty of the law for the crime he committed. But after all there are other principles involved in this case aside from the personal interests of Flack. If an intelligent man who is not compelled to commit a crime by necessity commits it it would seem that there is less reason for his escaping the penalty than there is in the case of the poor, ignorant man who steals a trifling amount of property, impelled to do so, perhaps, by the fact that poverty is traveling at his elbow.

I do not think that out here in Kansas there is any real excuse for any man becoming a thief. If he is really in need of either food or clothes and unable to earn money with which to buy them, if he will let his wants be known, his necessities will be supplied. He does not need to be a thief. I only wish to say that there is less excuse for the man like Flack, who is not goaded by poverty, being a thief, than there is for the poor, ignorant lout who probably never had much chance to know the right.

If the defaulting bank cashier is to go free because of a sentiment of pity, then it would seem that it is well to go down the line and turn every man loose who has violated the law just because he is sad and sorry. Most men who violate law are sorry afterward that they did it, especially if they are caught, and if sympathy were permitted to govern in all cases most of the penitentiaries would be emptied and laws prescribing punishment for crime would become a farce.

It is well, as I have said, to keep in mind always the quality of sweet mercy. For the reason that as none of us are perfect, we should always be charitable to the shortcomings of our fellowmen. But unless we abandon entirely the idea of orderly government, we must fix some standard of conduct among men. There must be some rules established and penalties fixed for their violation. Otherwise the whole system of government breaks down and anarchy succeeds order.

It has been a source of complaint always that laws bore with uneven weight on different classes of citizens. It has been charged, and with reason, that the man of wealth and influence could do with impunity what the poor and ignorant man without influence could not do without suffering the full penalty prescribed by law for the offense.

In all the ages since government began this complaint has been made. Justice has not been even-handed and the rule laid down by the Scriptures has been reversed. That rule was that "He who knew the law of right and did it not should be beaten with many stripes, while he who knew not the law of right and obeyed it not, should be beaten with few stripes." In other words, the greatest punish-

ment should be meted out to those who had the greatest knowledge and the least necessity for committing the crime.

Very few people, I apprehend, bear any malice personally toward Flack. If all there is in the case is whether or not he shall personally suffer most people would say let him go, but there is a question of public policy involved that is of more importance than the question of whether Mr. Flack shall pay the penalty prescribed by law.

Every banker intrusted with the care of money or other property that does not belong to him becomes in a way a public servant. That banks and bankers should be honest and reliable is necessary to the public confidence and the public welfare. It ought to be distinctly understood that it is a most serious crime to betray the trust that is necessarily reposed in banks by their depositors. We may sympathize with Flack, but public policy demands that he should suffer a reasonable penalty and that the law should be vindicated.

AN ANTI-PROHIBITIONIST WANTS HIS SAY.

Editor Mail and Breeze—Please allow me space in your paper.

First, I would like to extend the democratic idea to the method of dealing with the liquor traffic. Why have state option or local and county option? Why not have individual option? Why have we not the same right to make our own liquors that we have to make our own clothes or other supplies?

Eugene W. Chafin is sailing for the right port when he says, "Repeal the internal revenue laws and cut out the license." That is the thing to do. That will kill the saloons. That would be a master stroke for good if done. Just figure the amount of money paid for government, state, county and city licenses in the years gone by. And who is paying the license money? The despised drinker, of course. And what is he getting for his money? Invariably a poisoned grist.

Now, after revenue and license laws have been repealed, Mr. Chafin would proceed to put padlocks on the manufacturers' doors. Very well. I wonder if he means by this act that the individual will consider that he is deprived of the right to turn out a little grist of liquor for his own use and private benefit? Who can answer? If he has not that right, if prohibition extends to that extreme, then prohibition is tyranny. If that is not tyranny, then I will fall down and kiss your feet and say, "Here I am, a conquered slave, and personal liberty is a delusion and the old rock, liberty, a sand hill."

Who is so blind he cannot see that this prohibition idea is calculated never to succeed and that it will finally die?

Who has not observed that prohibition is a sower of discord? Is it not the cause of manifold sorrows and discord in our nation, state and homes? Behind painted smiles are fangs of hate and in the friendly handshake is enmity and hypocrisy. Equal and individual rights to all and special privileges to none comes in here very well. Consider the Golden Rule while framing the total abstinence legislation.

A MAIL AND BREEZE READER.

I do not care to start a discussion on this subject. I think the people of Kansas at least, by a large majority, have made up their minds. I publish the above letter out of a desire for fair play. While the writer of it has the wrong idea, in my opinion, I think that he is an entirely sincere and honest man.

BLAMES THE GOVERNMENT.

Editor Mail and Breeze—I notice you advocate the organization of farmers to help their present condition. Now I thought we were organized. I thought that something over a hundred years ago we organized a government for the restraint of the wrong doer and for the protection of the weak. But you and the Socialist party seem to think we need further organization. I think neither of you make it entirely clear how the details of that organization are to be carried out and exactly what is the necessity for it.

I read about a man who traveled in Palestine about 60 years ago. He said that agriculture was in a most deplorable condition because organized bands of Arabs swooped down upon the farms and stole everything they could carry away, the government being too weak or too corrupt to protect the farmers and they too scattered to organize for effectual protection.

Now is not this exactly the condition of things here now, except that instead of armed bands of thieving Arabs we have organized gangs of thieves of every sort and description from the Grain Dealers' association up to the harvester trust and steel trust, and the government is either too weak or too corrupt to protect us from them.

This is the whole trouble with the country roads and the country school and the country church. This is why the boys and girls are leaving the farms by the million. We need no commission to tell us what is the matter with country life. I will tell you, further, we will never get any relief from a man who is supported by the steel trust and has proven a failure for seven years.

When I wrote these things to the Wichita Eagle the editor accused me of taking my pen in hand and putting a chip on my shoulder for him to knock off. You know how cowardly it looks for a farmer to attack an editor with a pen. But so degraded and servile had that man's mind become that he regarded it as an infringement upon the rights of the upper classes for a farmer even to take his pen in hand. That condition was caused by following a leader.

It is a shame to any man to ask a second term as president. It is a disgrace for any man in this age to vote for any man for a second term.

Ponca City, Okla.

M. A. DUNLAP.

That seems rather tough on the editor of the Eagle, also on the memory of Washington, Jefferson, Madison, Monroe, Jackson, Lincoln, Grant, Cleveland and McKinley—all of whom asked for second terms.

Truthful James

"I notice," said Truthful, "that the grasshoppers are gettin' plenty in several parts of the state. I was here in 1874 when the original swarm of hoppers struck the state. One of my neighbors was a man who had a yellow beard that he prided himself on. It was about 4 feet long and looked like a sheaf of wheat. He also had a big crop of long yellow hair. The hoppers took him for a wheat shock and went at him amazin'. He tried to fight 'em off but it wa'n't no use and inside of five minutes they had chewed off both his whiskers and hair and left him as bald as a Mexican dog."

"There was an iron hitchin' post in front of my yard which was painted to represent a wood post. The hoppers went after that 'supposin' that it was wood. You could see that they were considerable surprised. They would bite on that post for a spell and then go away and hunt up a stone and whet their teeth on that and then come back and tackle the post again. I think as many as 15,000 hoppers first and last wore out their teeth on that iron post."

"I had some hens that showed remarkable fondness for grasshoppers. Some of them got tired of a straight hopper diet but others seemed to thrive on it. I had one hen that lived exclusively on hoppers for four weeks. Then she commenced to lay and after she had laid 14 eggs she commenced to set. In four weeks she hatched out of them eggs 140 grasshoppers. That is they were mostly hoppers but not entirely, sort of cross between a hopper and a chicken. They had bills like chickens and some feathers on their legs but they hopped like regular grasshoppers."

"That hen was plumb disgusted and didn't know what to do. What she had hatched out looked enough like chickens so that she didn't want to eat 'em and they was so much like grasshoppers that she didn't want to own 'em."

"We didn't know what to do with them but finally decided to cut off their heads, pull the feathers off their legs and bake 'em in a pie. The pie didn't taste so bad either but the after effects wa'n't what I would recommend. All the rest of that day after eatin' that pie I kept makin' a noise like a locust and squirtin' hopper juice between my front teeth. I am not a hankerin' for no more hoppers or locusts in mine."

ABOLISH THE SCHOOL BOOK GRAFT

It is an old-fashioned virtue and an article of faith in the average Kansan's creed, that parents should starve if need be to educate their children in order that they may cope on even terms with the rest of the world in the struggle for existence, a world which we well know is continually demanding a higher grade of intelligence and efficiency from all its workers.

Mankind is sometimes singularly defenseless when the performance of some of its most cherished obligations are at stake. It was not to be expected, in a time of unlicensed commercialism, so fertile a field for graft as this universal sentiment of parenthood offers would be overlooked; therefore, among others, we have the school book combine which has levied a heavy and a wicked tribute on Kansas for a generation.

Just now in every Kansas home, in which there are children of school age, the compelling touch of the school book combine is again being felt. If your children go to school they must have the prescribed books. And somehow or other the prescribing never ceases.

The yearly item for new school books in a family of average size is a very considerable tax on those for whom existence should be made easier instead of harder. And how seldom it is that a younger child may succeed to an older child's books. In its own peculiar, crafty and roundabout way the school book combine forestalls any carefully planned economies like this and is more or less successful in evading laws which attempt to regulate its greed. When Kansas fixed a minimum price for school books the trust withheld all but its most inferior offerings, books in which the children themselves found flaws and which were the despair of their teachers.

In my opinion we have temporized long enough with this depraved and conscienceless combination. Not only should Kansas children have the best school books but the frequent, unnecessary and expensive changing of books should be prevented.

I favor bringing this about by a law that will do the business, one with the state publication and distribution of school books at actual cost as its alternative. This would be an effective step in the right direction, it would give the people a potent weapon with which to deal with the combine in future.

Should I be elected governor of Kansas it would give me the greatest pleasure to do what would be my plain duty in the matter of working for legislation that would enable the people to secure good school books at a fair price and that would stop the frequent changing of the books that are used.

Arthur Capper

JAYHAWKER FARM DOIN'S

BY H. C. HATCH, GRIDLEY, KANSAS.

We like to get the experiences, views and opinions of "our folks" on any farm or stock subject particularly if seasonable and likely to help some of us who may need the information. Your letters are always welcome. Subscriptions to Farmers Mail and Breeze or other good publications for best letters received. Address Editor Farmers Mail and Breeze, Topeka, Kan.

No preventing Providence," as an old Vermont deacon used to say, we shall start corn cutting Monday, September 24. This is earlier than we have started the work of late years.

The corn which we will cut was top-planted and it has made a big growth of fodder but it was too early to make the best of grain. As well as we can judge it will make about 25 bushels per acre with stalk enough for 60.

Listed corn planted at the same time as this field we are to cut, is still green and will not do for a week yet. In some of the early corn chinch bugs are thick and they are helping the drying process along, no doubt.

Chinch bugs will stand almost any kind of weather when they are full grown but there is one thing they cannot stand. If they are on a bundle that goes into the silo their name certainly is "Dennis," for the heat generated in a silo will kill even a chinch bug.

The silo also will get away with all the weed seeds that go into it. When corn is cut with a binder practically all the weeds in the field are bound up with the corn and most of the seeds hang to the plant as it is handled green. The corn binder and the silo are great cleaners of fields.

The number of silos in this locality increased about 50 per cent this year. Not all the new ones are up yet for many are in no hurry and prefer to erect them just before time to fill them with Kafir. Those who are filling silos with corn have been at work all the week and seem to be having good luck. We have not been where they are at work but they appear to move from one silo to another about every day and a half.

Last year several made the mistake of not getting the cutter large enough. They have remedied the error this fall and find the larger cutter makes the work go twice as fast. When buying a cutter, or an engine, it is best to get one with some reserve power. If either cutter or engine are pushed to the limit, trouble will result. A 12-horse engine is like a 12-horse team; it will pull so much for a short time but cannot keep it up for long.

From what we have heard about Sweet clover threshing it has proven a pretty profitable crop this year. An average price of \$7 per bushel has been received for the seed and the yield is something like 4 to 5 bushels per acre. One man got a gross return of \$35 per acre for his seed and a net return of \$30 after cutting and threshing expenses had been taken out. This makes it a profitable crop, for the land is really improved instead of being worn out by the crop.

If every one goes to raising Sweet clover the price of seed will soon go below the cost of raising it. But so long as the demand is good we cannot see why it is not a good crop to grow, especially on poor land. It is the only plant we know of that will make a really successful crop on poor soil. All these side line crops are a good thing for the country; anything is better than to have the soil corned to death.

One man we know of rented an 80-acre farm last spring, paying a cash rent of \$150. The farm is very poor, running almost entirely over a gravel ridge and in some places it is almost impossible to get a plow to take in the ground. This fall from the old orchard, the roadside and the vacant lots around the buildings he mowed enough Sweet clover to get more than \$80 for the seed and the neighbors say that he will get enough more seed to nearly pay the rent. This will make his main crop, Kafir, clear to him. Here is one case

wherein the despised Sweet clover has helped a man out.

Our cowpeas are all cut and piled up in bunches. They were cut with a mower which got most of them but in some places part of the vines were left and some of the pods were clipped off. We found that they cut much better where there was some other growth with them. A little foxtail, or crabgrass, or a few weeds, helped to hold up the peas and in such places they were cut clean. The peas are heavily covered with pods and if they could be threshed would make a lot of seed. We are in doubt what to do with them. We would like the seed but hate to spoil such a lot of fine hay.

From what we have observed of the cowpea crop in this section this year we should say that there are two successful ways of planting. One is to plant in rows so they can be cultivated and the other is to sow with a press drill thick enough to keep down the weeds and grass. Many double rowed them with a corn planter but we do not like that way here. It gives the weeds and grass too much of a chance. On clean ground, or when put in after small grain has been taken off, this might be a good way but in so weedy and grassy a country as this it will not do for early planting.

Lightning seems to get more and more dangerous as the years go by. It seems that every shower we have takes toll from some one either in farm buildings or in animals. It does no good to ground the fence wires, as so many tell us to do, when stock is killed right out in the open pasture rods away from the fence. It appears that the only safe way is to keep the stock insured and then that seems poor pay for a favorite horse when he is killed. It is not altogether the money loss in the case of a good horse; most farmers become attached to their horses and feel the loss of one almost as much as if it had been one of the family.

We know that we feel safer for having our barn well rodged and are waiting to hear of the loss of a building properly rodged before saying that lightning rods are useless. It seems always that the local showers we have in a dry season are full to the brim with electricity and that they take shots at everything in sight. Of late we have been driving our horses in from the pasture when the night promises a storm. They can go under a shed with a galvanized iron roof and we feel safer for knowing they are there instead of in the open pasture.

It now appears that hogs are to be good property this winter. It certainly looked bad for the hog man about the first of August but at present prices there is hardly a locality but can feed hogs at a profit even if corn has to be shipped in. Hogs may go lower next winter and they may not; we are not a very good guesser on the markets, but it is safe to say that corn will go down if hogs do and that there will be a good margin in feeding for another year. In most of the corn belt the crop is good and it is not likely that the price will go much above 60 cents even if it has to be shipped in. Good judges expect to see corn start at about 50 cents in those sections that will have corn for sale and if this proves the case about 60 cents will catch it for those who have to buy. It is hardly probable that hogs will go so low as \$6 for some time; the chances are rather that they will hold close to the \$8 mark and this means a good profit for the man who has the 50-cent corn and hogs to feed it to.

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Ten Eyck's Replies

TO FARM QUESTIONS

Conducted for Farmers Mail and Breeze by A. M. TenEyck, Superintendent Fort Hays Branch Experiment Station, of Kansas Agricultural College, Hays, Kansas.

Does Sweet Clover Taste in Milk?

Will sweet clover fed to cows cause any odor or bitter taste in the milk?—A. J. S. Riley county, Kansas.

I have never heard complaints of sweet clover causing any bitter taste in milk. I have never made any tests on this point myself. I am mailing you circular on Sweet clover.

A. M. TenEyck.

Cut Cowpeas Before Frost.

Will frost damage cowpeas for hay if the peas are cut at once after frost? Please mail me your bulletin on cowpeas.—F. W. C. Labette county, Kansas.

Cowpeas are readily injured by frost. The crop should be cut for hay before heavy frost and a light frost will injure the leaves and cause them to break and shatter when the crop is being harvested. If cut at once after a light frost, before the leaves dry, no serious injury may result to the fodder. I am mailing you under separate cover copy of Bulletin No. 160 on cowpeas.

A. M. TenEyck.

May Wheat Follow Millet?

Will you kindly let me know your experience at the station with wheat following millet? Is millet hard on the ground as is commonly supposed?—B. C. B. Logan county, Kansas.

We have no regular experiment at this station in which wheat has followed millet. Such experiments were conducted at the station at Manhattan for several years. I enclose copy of circular letter giving information regarding the Manhattan experiments.

Millet is not a "hard" crop on the land only as it may be grown late in the season when it leaves the ground too dry to start the wheat in the fall. If millet is cut early for hay and the stubble is disked and harrowed, such land will make a good seedbed for wheat, provided sufficient rain falls to put the ground in good seedbed condition.

A. M. TenEyck.

Draft of Double Disk Harrow.

What do you think of the double-action disk harrow in the preparation of wheat ground? How about the draft? Can six 1,100 to 1,300-pound horses pull the 7 or 8 foot disk as easily as four such horses can pull a 12-inch gang plow, plowing 4

or 5 inches deep in a clayey soil? How about the cutaway disk for the rear gangs? I understand that they will pull easier, but will they do as good work as the solid disk? We are thinking of buying one of these double disk harrows.—A. H. B. Minneapolis, Kan.

Six horses averaging 1,200 pounds each will pull a tandem or double disk harrow cutting 3 or 4 inches deep with about the same draft per horse as required for four such horses to pull a 12-inch gang plow, plowing 5 inches deep. We use the double disk harrows almost exclusively at this station and I like their work better than that of a single disk, unless the single disk is lapped half which doubles the work and reduces the area to be disked in a day by one half. The double disk leaves the ground level and gives two cultivations with only one-third more horsepower and the same expense for labor as required to single disk.

We had the cutaway disk in the rear gangs when we began to use the double disk harrows at this station, but have discarded them for the full disk which I believe does the better work. Possibly, with a little more draft, I have not determined that.

A. M. TenEyck.

Potatoes the Dry-Farming Way.

Could one not get a good crop of potatoes here by planting so as to cultivate lengthwise and crosswise, as in check-rowing, after summer fallow? What yield could we expect? I have a spring that I believe will irrigate 2 acres. What would be the most profitable crop to irrigate in this locality? Do you not think that dairy farming with buttermaking and cheesemaking would be the most profitable for this section?—A. R. H. Trego county.

You should be able to produce excellent potatoes by the method described, but might secure large yields by closer planting, say rows 3½ feet apart, hills 18 to 20 inches apart. Potatoes planted in good summer fallow as above stated and given sufficient and proper cultivation may yield 200 bushels per acre. One hundred bushels per acre would be a medium crop in the average season. I would recommend the growing of garden truck and small fruits in the 2-acre patch, by irrigation, such crops as cabbage, onions, celery, strawberries, etc.

If you have bottom land well adapted for growing alfalfa, dairy farming should prove more profitable than general farming. I question whether this would be the result on upland, but every western farmer ought to keep and milk some cows.

A. M. TenEyck.

Fertilizing an Alfalfa Field.

Ten or 12 years ago when I began to raise alfalfa I got the impression that it was its own soil fertilizer. Now experiments seem to show that alfalfa itself needs the application of barnyard manure or something else to make up for the loss of the elements which the crop extracts from the ground. As no stock is kept, please give me a plan for keeping up the fertility without manure. My land is mostly sandy or a sandy loam, but I have 80 acres of black soil underlaid at a depth of 1 to 3 feet with hardpan.—L. J. S. Alden, Kan.

A rotation with alfalfa will act as a fertilizer for other crops which may follow alfalfa. Alfalfa adds directly to the soil only vegetable matter and nitrogen. If chemical fertilizers including phosphorus and potassium are applied during the growing of the alfalfa, the yields of alfalfa should not only be increased but when the alfalfa is plowed up, the soil should be richer in all the elements of plant food than it was before the alfalfa was grown.

A good annual dressing for alfalfa is 200 pounds of acid phosphate and 70 pounds of potassium chloride per acre. You may use annual crops for green manuring, such as field peas, cowpeas, sand vetch, or even winter rye or other small grains; and chemical fertilizers may be applied in growing these crops, thus increasing their fertilizing value. In my judgment, however, the green manuring or rotation with alfalfa will be found to be a sufficient fertilizer for a time at least without the use of chemical fertilizers. Potash is not likely to become deficient in our western soils, but the immediate addition of some phosphate fertilizer may increase the soil fertility.

Such a soil as you describe underlaid by hardpan can hardly be made into a very fertile soil. The physical condition of such a soil is its main fault. The growing of alfalfa on such a soil should have a very beneficial effect in breaking up the hardpan subsoil and making the soil more porous and leachy. I cannot give much information on this subject in a letter. I advise you to study the subject of soil fertility and refer you to an excellent new book on Fertility and Crops by Van Slyke, published by the Orange Judd company, New York. I am also mailing circular on soil management.

A. M. TenEyck.

Selecting Your Painter

With the aid of our 'Handy Book on Painting,' you can make a wise selection of your painter and work more intelligently with him to make your painting successful. The book tells you how much paint is required for a given surface, how many coats to apply, how to mix paint, how to get different color effects, etc. It tells just what materials must be used to make durable paint.

Dutch Boy Painter

Pure White Lead

and pure linseed oil, when properly mixed and applied, grip into the wood and hold there till time and storm slowly and evenly wear away the surface. Then you repaint without having to scrape or burn off the old paint.

Send a Postal for the Book

Ask for Farming Helps No. 258.

If there are children in your home or your neighbor's home, ask also for the Dutch Boy Painter's Book for the Children.

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(Pittsburgh, National Lead & Oil Co.)

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Old Dutch Cleanser

Chases Dirt

After greasing the farm wagons, a little Old Dutch Cleanser will start that blackened grease and grime from your hands. It works just as well on any kind of stains and farm work discolorations. Moisten hands, sprinkle with Old Dutch Cleanser, and wash in clean water. Saves twice the effort and time.

Many other uses and full directions on large sifter can—10c.

RIGHT HOME

Doctor Recommends Postum from Personal Test.

No one is better able to realize the injurious action of *caffeine*—the drug in coffee—on the heart, than the doctor. Tea is just as harmful as coffee because it, too, contains the drug *caffeine*.

When the doctor himself has been relieved by simply leaving off coffee and using Postum, he can refer with full conviction to his own case.

A Mo. physician prescribes Postum for many of his patients because he was benefited by it. He says:

"I wish to add my testimony in regard to that excellent preparation—Postum. I have had functional or nervous heart trouble for over 15 years, and a part of the time was unable to attend to my business.

"I was a moderate user of coffee and did not think drinking it hurt me. But on stopping it and using Postum instead, my heart has got all right, and I ascribe it to the change from coffee to Postum.

"I am prescribing it now in cases of sickness, especially when coffee does not agree, or affects the heart, nerves or stomach.

"When made right it has a much better flavour than coffee, and is a vital sustainer of the system. I shall continue to recommend it to our people, and I have my own case to refer to." Name given by Postum Co., Battle Creek, Mich. Read the little book, "The Road to Wellville," in pkgs. "There's a reason."

Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.

150 INDIANA SILOS PER DAY

That's our capacity since our new factory started, and we have the material to keep going till the last hill of corn is cut. Don't you think your order would be safe with us? Delivery is going to be a mighty big factor this fall, and

An Indiana Silo

is the only one you are sure of getting on the dot.

IT'S A SURE THING

you'll need one to save your late and immature corn this fall. Write for catalog and story of "The Crops That Failed."

INDIANA SILO COMPANY,

The largest makers of Silos in the world.

Address { 379 Union Building, Anderson, Indiana
Nearest { Indiana Building, Des Moines, Iowa
Factory { Silo Building, Kansas City, Missouri

First Capper Beef Contest

Herbert Clark Had Best Calf at Topeka Fair

Herbert Clark, a Jefferson county farmer boy only 13 years old, has won the first of the Capper Boys' Baby Beef contests.



Herbert Clark, the 13-year-old Jefferson county boy, who won the first of the Capper state fair Baby Beef contests.

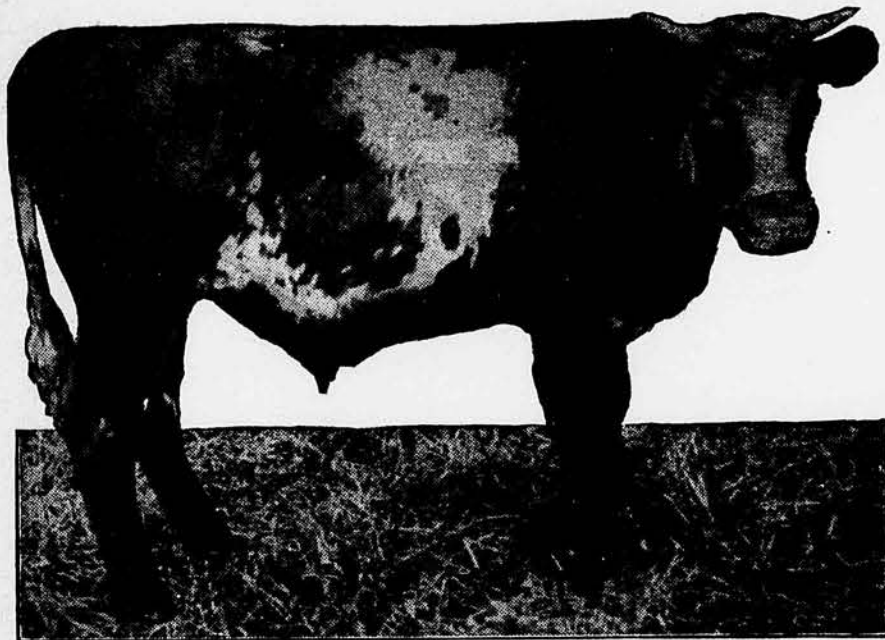
These calf-fattening contests for boys were instituted this year by Arthur Capper at several of the state fairs and the boys appear to be taking to them as enthusiastically as they do to the Capper corn-growing contests. The decision was given to the Jefferson county boy at the Topeka fair, on a grade Shorthorn steer that he had fed himself. The placing of the award proved to be one of the most interesting events in the livestock pavilion for that day. The contest came up Thursday just after noon, when awards were being made in the fat steer classes. The pavilion was filled with stockmen and

some day when he grew up, and that he hoped some time to own a herd of fine Shorthorns.

After Mr. Capper's aim in establishing the Boys' Baby Beef Special at the several state fairs was explained to the crowd as an endeavor to encourage the boys of the corn belt states to learn how to turn corn into beef, Prof. Smith said:

Capper Beef Contest a Fine Idea.

"I would not be in this business if it were not for the boys. I love to encourage the boys, and Mr. Capper does not know how much good he is doing, in taking the initiative in this great work he has started to encourage the boys of the country to understand beef production. I remember when a boy what encouragement my father gave me. He used to take me to the pasture with him and stop and ask me which steer would make the best beef. Once he put me in charge of a steer calf that we were to take to the Michigan State Fair. How proud I was. I slept in the stall with the steer the first night, and when I won the championship with him



Roan steer "Kansas," a grade Shorthorn fed by Herbert Clark, a 13-year-old boy of Jefferson county, which won the first of the state fair contests of the Capper Boys' Baby Beef Club last week, at Topeka.

farmers until they encroached on the room left in the arena for the judges and cattle.

When the Capper Class Was Called.

When the Capper class was called, Herbert bravely faced the crowd, probably the largest one he had ever seen looking right at him before, and with a beating heart led his steer "Kansas" to the center of the arena. The crowd felt what it meant to the little lad and watched him and his steer with breathless interest. When the judge, after many anxious moments, declared the calf worthy of first place and its owner the winner of the \$15 cash prize, also the blue ribbon of the Kansas State Fair, a cheer went up that was heard clear across the grounds. When a generous length of blue ribbon, almost a yard long, was tied on Herbert's steer, some folks in the crowd laughed, other folks cried and Herbert, overpowered at the last by his emotions, did a little of both.

The calf proved to be a medium well-cared for grade Shorthorn in fairly good flesh, a roan of good steer type, and well broken to handling.

Herbert Tells How He Fed the Calf.

Prof. H. R. Smith, of University Farm, St. Paul, Minn., a noted livestock authority, was the judge and after placing the ribbon, asked the steer's proud owner to tell the crowd how he fed it. Courageously swallowing the lump in his throat Herbert told how he first fed "Kansas" on corn chop, then later added a ration of bran and oats and gave the steer all the alfalfa hay he would eat. Then, warming up to the subject, he made the crowd a regular boy's speech. Said he liked cattle, especially Shorthorn cattle, and expected to make cattle feeding his business

at the close of the week, I want to tell you I was even happier than when I won the grand championship with the Nebraska steer, Challenger, at the International Livestock Show at Chicago four years ago.

"I was only 14 years old then. No award has ever given me more pleasure and I can appreciate the feelings of young Mr. Clark in his success with his steer at this show. It is a great experience for any boy, one he will remember and which will make a lasting impression on him. He deserves a ribbon for his effort as much as the calf. I congratulate him on his first effort."

THE "NET"

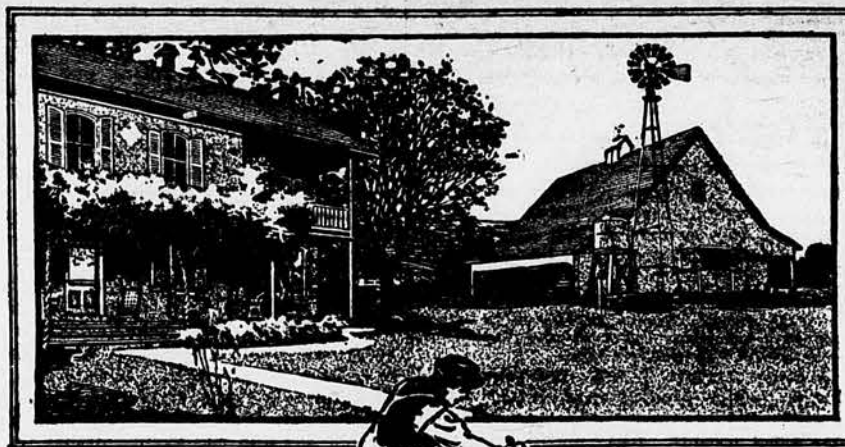
is the name of the big fifteen thousand dollar serial story which will appear in The Weekly Kansas City Star soon, for the newspaper rights of which the author received \$15,000. The story, pronounced the greatest this popular novelist has written, will not be published as a book until it has run serially in this newspaper.

The theme is the Italian Mafia, and against that sinister background the author has thrown the softer colors of an absorbing and fascinating love story. The story, while tragic in tone, has the humor, sprightliness and action that have characterized his previous successes.

"The Net" will be continued in liberal installments each week, with fifteen powerful illustrations by Howard Giles. The subscription price of The Weekly Kansas City Star is 25 cents a year. Subscribe now and avoid missing a copy.

Address

THE WEEKLY KANSAS CITY STAR
Kansas City, Mo.



Be Paint Wise this Fall

This means protect and beautify your home by painting, and prolong that protection and decoration for the longest possible time by using the right paint, one that starts its service by staying tight and strong through the long winter—and gives the same good service for several years.

Such a paint is Sherwin-Williams Paint, Prepared, S.W.P. That is the decision of the largest number of people buying any one brand of paint. It is made of pure lead, pure zinc and pure linseed oil, combined with the necessary driers

and coloring matter. It is thoroughly ground and mixed and put up in sealed cans, full U. S. standard measure. S.W.P. not only covers the largest possible surface but also lasts for the longest time. It is just one of the Sherwin-Williams Paints and Varnishes made for various purposes about the farm, outside and in. Sold by dealers everywhere.

Send for our free booklet, "Paints and Varnishes for the Farm." It tells a most interesting story about the economy of wise buying, and which paint to use for different purposes, as well as why and how.

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To Any Station East of Rocky Mountain, except Texas, Okla., Colo., N. D., S. D., Wyo., Mont., N. M., La., Ga., Ala., Miss. and Fla., on all orders of three rolls or more. Special Prices to these States on request.

ONE-PLY	Weights 25 lbs.,	108 Square Feet,	\$1.10 per roll.
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THREE-PLY	Weights 55 lbs.,	108 Square Feet,	\$1.50 per roll.

TERMS CASH: We save you the wholesalers' and retailers' profit. These special prices only hold good for immediate shipment.

Indestructible by Heat, Cold, Sun or Rain.

Write for FREE SAMPLES or order direct from this advertisement. Satisfaction guaranteed or money refunded. We refer you to Southern Illinois National Bank.

Century Manufacturing Co., DEPT. 664 East St. Louis, Illinois, or 100 E. 11th St., Kansas City, Mo.

The "Matchless" Huller Does Its Work Extraordinarily Well

Several attempts have been made to produce a clover and alfalfa huller which will satisfy the trade as well as the "Matchless." They have failed for the reason that they lack the primary principles of construction which are far superior to any thing ever used in the construction of a huller. In separating the seed from the straw the "Matchless" has a system purely its own. Concaves are fitted into cast iron brackets exposed on hinges which admit of easy access to the hulling cylinder in case the operator should have occasion or need to remove any foreign substance which might find its way thus far into the machine. Hulling cylinder and concaves are filled with square steel brads. The wearing qualities of the cylinder and concaves are double those of any other design for the reason that they may be reversed end for end thus giving the advantage of all the wearing surface on the hulling brads. The "Matchless" will hull seed earlier in the morning and take care of more rough stuff without choking than any other huller built.

Before placing your order for a huller, investigate the "Matchless."

The Aultman & Taylor Machinery Co., Mansfield, Ohio.
Branches: Kansas City, Mo., Wichita, Kansas.

Stop the Raging Epidemic

NOTICE—Horse and Cattle Men

It is Within Your Power. Quick Action Will Do It by the Sterilizing Method with



Most Powerful Disease Germ Destroyer Known to Science

Non-poisonous to man or beast but 10 times stronger than pure Carbolic Acid.

CLEAN COLORLESS ODORLESS CHEAP

One gallon of Bacili-Kil makes two barrels of dilution strong enough to destroy the most virulent Germs of Disease.

Bacili-Kil is another of the wonders of electricity. It is made by subjecting several harmless materials to heavy, intermittent charges of electricity, their union resulting in a transparent fluid wonderfully destructive to every form of Disease Germ, yet perfectly harmless to human or animal life.

Given in the animals' drinking water and feed, it purifies them, and destroys any Disease Germ contained in them. It also destroys in the mouths, throats and digestive tracts any Germs of Disease lodged therein. It is also toning and invigorating to the system—May also be given hypodermically.

By our Method of introducing it into the nostrils of horses, it is gasified and this powerful gas penetrates every passage in the head, destroying instantly the Disease Germs lodged there.

Sprayed as a disinfectant throughout barns and yards, tanks and water pools, it Sterilizes, Purifies, and Destroys every Disease Germ it comes in contact with. Our Representative and Veterinary now in the district—if you wish their help wire us.

Order immediately and you can protect the well horses and stop the Disease in those in the first stage.

Telegraph or mail your order today and immediate shipment will be made from nearest warehouse.

PRICES.

One gallon jug.....\$ 2.00
Five gallon jug..... 9.00
Ten gallons..... 17.00
Twenty gallons..... 30.00

Have your bank telegraph or write us as to your responsibility and we will allow you thirty days for payment, otherwise shipment will be made C. O. D.

Our reference: First National Bank, Madison, Wis. Write for further particulars and literature.

General Purification Co.

626 Pioneer Bldg., Madison, Wisconsin

Keep Horses Off Pasture

Only Prevention Can Save the Animals

The hope that cooler weather will check if not end the fatal disease that is killing western horses receives some interesting encouragement in a letter from a Kansas reader of the Mail and Breeze. He cites his observation of a similar outbreak 14 years ago in Oklahoma. The writer, D. E. Harper, Peabody, Kan., says:

"It is strange that the veterinarians who are trying to check the horse disease, should not remember the same kind of outbreak in Oklahoma in the vicinity of Waukomis. This was 14 years ago and many farmers lost most of their horses. Since that time there have been no more losses from that disease so far as I know. Then as now there seemed to be no remedy that would work, but when rain and cooler weather came the horse doctors were out of a job. Those farmers who kept their horses off the pastures did not lose as many as those who let them run out. In that outbreak more mares were lost than horses and the same seems to be true in this outbreak."

A first-of-the-week estimate places the loss in Kansas by the epidemic of meningitis among the horses at 6 million dollars and the number of horses slain by it at 200,000. The disease has appeared in 75 of the 105 counties of the state. An accurate and reliable estimate is of course impossible and the actual loss may never be known.

The effect of the calamity on farm work, fall plowing and the seeding of winter wheat has created another emergency. The traffic department of the Santa Fe railway is considering a plan to meet this emergency by hauling tractor plowing outfits to districts where the farmers have been hit hardest by the horse pestilence.

Another relief measure suggested by Frank U. Russell of LaCrosse and outlined in the Topeka Capital of Sunday proposes that the taxpayers who have lost horses in the present epidemic pay their personal taxes this year under protest on all such animals as have been destroyed by the disease and that the legislature next January authorize the county commissioners to rebate, or return, to these taxpayers the tax collected on the stricken horses. The taxpayer's protest should be noted by the county treasurer on the tax receipt, also on his books.

Some proper and adequate relief measure will undoubtedly be worked out.

The pathologists, sent here from Washington by the bureau of animal industry, declare the disease is cerebro-spinal meningitis. Dr. F. S. Schoenleber, state veterinarian of Kansas, and Dr. Sheldon, of Missouri, concur in the government's diagnosis. The only remedy recommended is prevention by such precautions as were given in detail in last week's Mail and Breeze. The advice is to keep every horse off grass and give the horse old forage and freshly drawn well water. The animal should be removed to a clean, dry and airy or well ventilated building or corral, preferably one where the animals can get in the

shade if they desire. A complete change should be made in their feed. The water must be changed unless it is from a source insuring freedom from pollution. All hay, feed and straw should be subjected to close scrutiny and only such feed as appears to be sound should be fed to the horses and mules.

As a precautionary measure, it is recommended that the sick animals be isolated from the healthy; that the premises be made sanitary and maintained in such condition. This can be accomplished by thoroughly cleaning the premises and disinfecting with a 5 per cent solution of pure carbolic acid, or a 3 per cent solution of liquor cresolis compositis, using a spray pump for the purpose.

Half way measures won't do. If you follow the explicit directions given in the Mail and Breeze of September 14, you will guard your horses against all the suspected sources of infection.

The investigators hope ultimately to be able to combat the disease with a serum.

The Government's Diagnosis.

A press bulletin on the cause of the epidemic, issued last week by the U. S.

department of agriculture, declares it to be forage poison and says no specific organism or virus has yet been found which can be considered as the cause of the disease, which it refers to as the "so-called cerebro-spinal meningitis of horses."

"During the last five months," reads the bulletin, "numerous reports have been received by the bureau of animal industry relative to the existence of forage poisoning in various sections of the United States, particularly in Louisiana, West Virginia, Kansas and Nebraska. It has usually occurred when a hot, dry period has been followed by rains, or during wet seasons, especially those which are characterized by frequent rains alternating with hot sunshine, producing a damp sultry atmosphere. Such conditions are most favorable to the production of molds, and all outbreaks that have been investigated by the bureau have been traced to the eating of unsound or moldy forage or feed, or to the drinking of water from wells or pools containing surface water drained through decomposed and moldy vegetation. The disease has been shown to be also due to eating damaged ensilage, hay, corn, brewers' grains, oats, etc. Horses and mules at pasture may contract the disease when the growth of grass is so profuse that it mats together and the lower part dies and ferments or becomes moldy."

Trial trip until January 1, 1913, for 15 cents, Mail and Breeze, Topeka, Kan.

To Aid Kansas Fruit Growers

The new horticulturist for the college extension department at Manhattan is George O. Greene. Mr. Greene is not a stranger in Kansas for he graduated at Kansas Agricultural college 12 years ago and has since been putting his farm and horticultural knowledge into practice at Bogue, Kan. He will find plenty of work to do in his new capacity. Just now the department is providing a market for all Kansas apples that would otherwise rot on the ground and if you have apples to sell, write Mr. Greene at once. Wherever horticultural aid is needed in Kansas, Mr. Greene will be ready to do what he can.

SPECIAL SUBSCRIPTION BARGAIN.

The Farmers Mail and Breeze Until January 1, 1913, for Only 15 Cents.

This is a special subscription offer made to interest new readers in Farmers Mail and Breeze. Send 15 cents in stamps and get the big farm paper every week from the time your order reaches us until January 1, next. Regular price \$1.00 per year. Tell your friends about this special subscription offer. If you send in a list of four, with a remittance of 60c, we will give you your own subscription for your trouble. Send at once and get the full benefit of this

Make Your Hogs Cholera Proof NOW

Immunize your hogs now—make them cholera proof. The cholera season is here and if it is in your section, there are many ways for it to infect your herd. It is the most contagious and the most deadly of all hog diseases. Don't run the chances of losing your entire herd when less than the price of one animal will pay your veterinarian for immunizing fifty with

Consult Your Veterinarian

MULFORD HOG CHOLERA SERUM

"The reliable immunizing and curative agent"

Reliable because its production is under the supervision of biological experts from beginning to end. Reliable because every lot is thoroughly tested before sending to

your veterinarian. In fact, it's the reliability of our products that has made the Mulford Laboratories known among physicians and veterinarians over the entire world.

How We Test Hog Cholera Serum

Suppose the test is made with 12 hogs. We first inject into each one several strains of virulent hog-cholera-producing blood. This gives them all cholera. Then we inject into 8 of them a dose of our hog cholera serum. If the serum is up to our standard it will save the lives of the 8 treated hogs, while the other 4 will die of cholera. If the serum does not save the lives of the 8 treated hogs, we do not place it on the market. Every dose of Mulford Hog Cholera Serum sold must be from serum that has been tested and saved the lives of cholera stricken hogs.

Other Mulford Products

Tested Tuberculin, Black Leg and Anthrax Vaccines, Mallein, Antitoxin for Lock Jaw, Abortus Bacterin.

Send for Valuable Free Booklet

Gives methods for preventing and controlling hog cholera. Send now before the disease attacks your herd.

H. K. MULFORD CO., Chemists, Philadelphia, Pa.

New York San Francisco Kansas City St. Louis Chicago Seattle
Minneapolis Atlanta Boston Toronto



KANSAS WAS COBURNIZED AT TOPEKA STATE FAIR

RECORD-BREAKING crowds seem to be quite the proper thing at state fairs this season. They are good natured, good looking crowds, too, and this year carry the "good crops smile" on their faces. Topeka was all smiles on Big Thursday. Her effort to exceed all former records in attendance had been realized by the close of the night performance, and is believed to have established a state record. The fair opened with a vim, proceeded throughout the week with great enthusiasm and closed a crowned success. Kansas is progressive in many respects and especially so of late in her fairs. No better demonstration of this was needed than the great exhibit of Kansas products at Topeka last week. It has not been so very many years ago that Kansas was considered uncertain in agriculture and aid was solicited for her settlers, but now Kansas aids the world and has been Coburnized throughout America. Better cattle, horses with glossier coats, hogs of bigger type and grain of better quality are not to be found in any other country.

Best Part of the Fair Hidden.

Modern barns have been erected on the Topeka fair grounds. A brick and cement horse barn has accommodations for more than 300 head. A structure of the same kind affords shelter for more than 500 cattle. Between the two is the space used as the "show arena," where the livestock judging takes place. This arena is covered during the fair season by a large tent. What is needed is a judging pavilion for the accommodation of stockmen, exhibitors and fair visitors. While the location of these buildings is good, there is much complaint by stockmen and others that the horse barns, cattle barns and judging tent should be completely obscured and overshadowed by two streets of concessions. Some of these were of a character that would not be tolerated at other fairs and should not be allowed to occupy the most accessible and choicest locations in the grounds to the annoyance and inconvenience of fair visitors. The penny of the concessionaire should not obscure the dollar of the agriculturist. Doubtless the fair's managers were imposed upon to some extent and the best of these concessions will be switched to some other quarters another year, and the worst excluded. The fair's own amusement features were of the popular kind, effort being made to give the people their money's worth. The racing was good and drew a good crowd every day.

Leavenworth Led the Counties.

The display of modern farm machinery covered a number of acres. There were gasoline engines of every type, from a half-horsepower up to the big tractor that pulls 14 plows across a field, each turning 10 inches of soil. This was an attractive part of the grounds for farmers. The contest among the counties for the best showing of products of the soil was led by Leavenworth and Douglas counties. Leavenworth won first place. The winning exhibit was in charge of J. M. Gilman, Leavenworth's well known corn breeder and contributor to Farmers Mail and Breeze. The idea behind this county rivalry is excellent and the fair will do well to continue to promote it in every possible way.

Missouri Led in Herefords.

The Herefords put up a feature exhibit at Topeka. They and the Shorthorns were the two breeds best represented, each having about 85 head on the grounds. The Cudahy herd from Belton, Mo., carried away every Hereford championship. Its champion bull, Fairfax 16th, won the silver trophy as the best individual Hereford on the grounds. A new champion female

Record Crowds and a Fine Display of Livestock and Products

BY HARRY W. GRAHAM
of the Mail and Breeze Staff

brought to the front in this herd at this show was Pearl Donald, a beautiful September yearling. This heifer had only been out of the pasture three months and had had scarcely any fitting. She possesses an admirable appearance, is of perfect type and of the sweetest of Hereford character. So appealing were her qualities

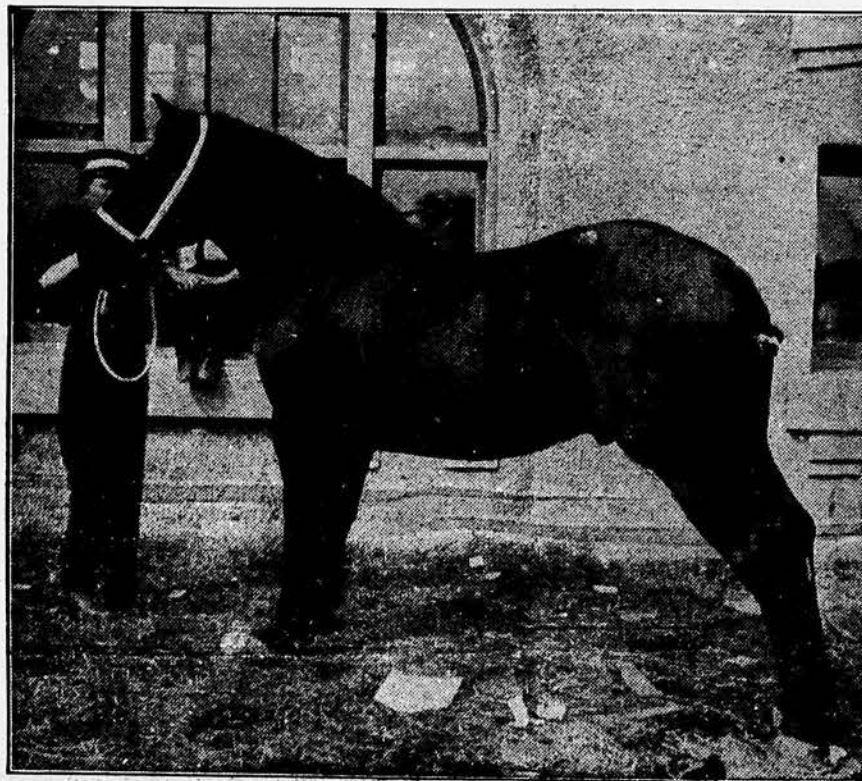
Lincoln, that of first in class. At the Iowa show he was fourth. The Hazlett herd was a strong second throughout. The Green herd of Nebraska possessed some cattle very strong in Hereford character, in one or two instances the judge complimented this herd on its high condition and good type. The Jones Brothers' herd came



Span of finely matched Kansas mules exhibited at Kansas State Fair, Topeka.

and form that the judge could hardly resist placing her above the grand champion, Scottish Lassie. The latter's full maturity only saved her from the loss of that place. The Hazlett herd of 12 head contained some rare specimens of the breed. The senior bull calf of this herd, Beau Baltimore, retained his position won at

for several high honors. So did the Klaus herd. The aged bull of the Klaus herd, Beau Onward, was placed next to Fairfax 16th in class. There was general satisfaction among the breeders over the award of the judge. There is one feature about Prof. H. R. Smith's judging that is particularly pleasing to the breeders as well as the



Lee Brothers' Kansas Bred Stallion Carno, shown at Kansas State Fair, Topeka.

public who stand by and watch his decisions, and that is that he often takes time to explain his reasons for placing certain animals above others in the classes, or for setting one a champion over another. This is very instructive, and the breeders, farmers and visitors appreciate it.

Topeka's Best Shorthorn Show.

The Shorthorns, both in quality and numbers, made a lasting impression. John R. Tomson of Dover, Kan., did the judging and no word of complaint was heard from any quarter. Howell Rees & Son's bull, Whitehall Rosedale, that stood second at Nebraska, was placed first in the aged class and made grand champion. The handsome roan cow, Violet Goods, from the same herd, was made grand champion and also secured the silver trophy as the best individual Shorthorn on the grounds. The Nevius herd of Chiles, Kan., made a strong showing in class and secured the junior championship with the yearling bull, Lustre's Light, a red of good form, sired by Searchlight. This herd stood well up in the awards, securing second place in aged herds, get of sire and produce of cow, besides several blues in the Kansas special classes. The Hall herd of 10 head from Carthage, Mo., was presented in good form, taking first place in senior heifer and in young herd classes. The Lookabaugh herd of Oklahoma pushed its claim for several first and second places as well as the White herd from Burlington, Kan. There were many fancy roans and white animals in the Shorthorn showing. Ten years ago scarcely anything but reds were tolerated by Kansas breeders. In quality the exhibit was the best this fair ever had.

Iowa Won Many Angus Ribbons.

Three herds represented the Aberdeen Angus. One from Kansas and two from Iowa. This breed made an impressive appearance in the showing with their smooth black coats and high condition. The Iowa herds of A. C. Binnie & Son, Alta, Ia., and W. J. Miller, Newton, Ia., secured most of the premiums. The Kansas herd came from the Sutton Farms, Lawrence, Kan. This herd has done much for the breed in this state and enjoys the distinction of being one of the best in the southern section of the corn belt.

Great Galloways from Nebraska.

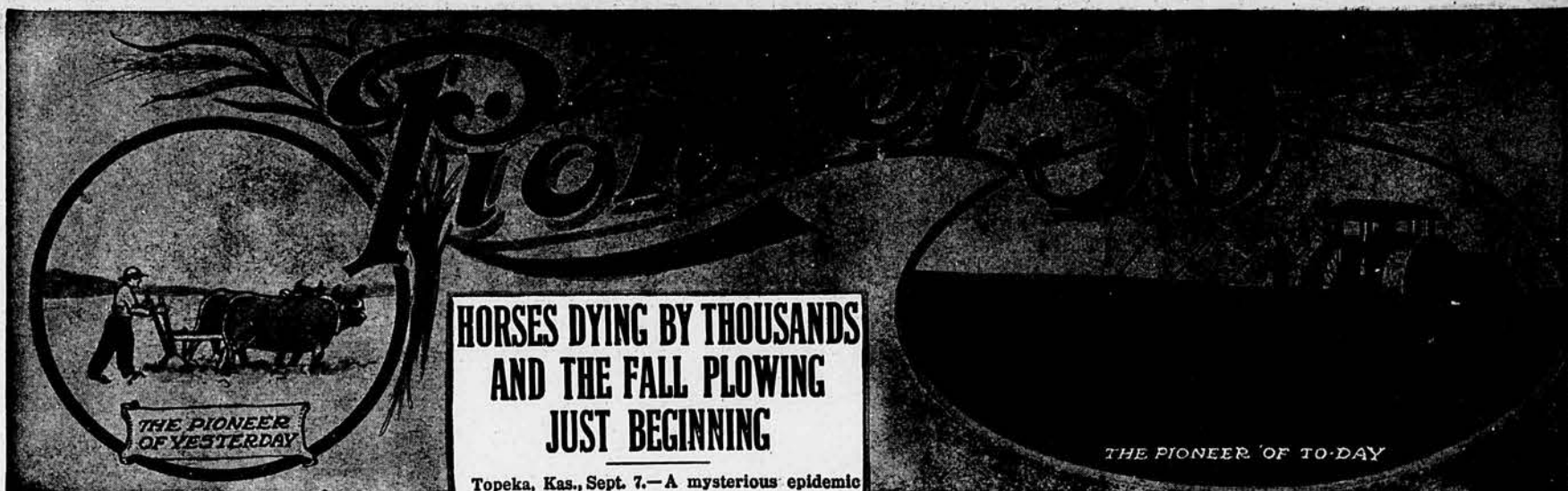
There were only two breeding herds in the Galloway cattle classes, both from Nebraska. The herd winning the larger portion of awards was Straub Brothers' of Avoca. The other belonged to A. C. Huff of Arcadia. The Straub herd is one of the best in America; in fact, it enjoys the reputation of having even better cattle than any Galloway that can be imported. This herd has distributed breeding cattle throughout the United States and has built up many other herds. All championships went to the Straub herd.

The Showing in Polled Durhams.

Two herds from Kansas and one from Indiana made up the showing in Polled Durhams. All the championships went to the J. H. Miller herd of Peru, Ind., except the junior champion, which was awarded to Achenbach Brothers of Washington, Kan., on Thankful Martha, a beautiful red, of exceptional type. Ed. Steglin of Stright Creek, Kan., had a herd of 13 head, of which a number were strong contestants for first place in the classes. It is a question if several in this herd were not entitled to better positions than they received.

Three herds made up the show in Red Polls, all from Nebraska. While there are several good Red Poll herds

(Continued on Page 12.)



Horses Dying By Thousands —and the fall plowing just beginning

Such is the heading given to a recent press dispatch from Kansas. The body of the dispatch was to the effect that an unknown disease was epidemic among the horses of Kansas and that they were dying by thousands. That veterinarians were baffled and seemingly unable to cope with it. That the disaster was especially appalling at this time as the fall plowing had just commenced and unless a speedy check of the disease was forthcoming there would be an enormous decrease in the wheat acreage of Kansas for next year. **And that is the truest thing you know—for in order to produce wheat one must plow and in order to plow one must have power—and plenty of it.**

Those of you whose horses have not died are depending on the horse which you are liable to lose at any time—lose your power, lose your time—lose your next year's profits. Those of you who have lost your horses must provide power of some kind. Is it to be more horses with the attending risk and cost of maintenance?

Or will you cut away from such undependable power and adopt the modern up-to-date Farm Tractor—the horse that will work one hour or twenty-four hours?

Do you know that the farmers of the United States are spending nearly Three Billion dollars annually for horse feed—the profits of one acre out of every five?—and the farm horse is a producer only about 100 days in the year.

Get rid of the horse. Put this enormous amount of food stuff on the market and the revenue from it in your pockets. How?

Buy a Pioneer 30

It is not going to cost you a cent except when it is making money for you—it doesn't eat its head off during the long winter months, and requires no care when not in use. When it is working—the cost for feed—gasoline and oil—does not exceed the cost for grain necessary to keep the same horse power in condition—besides it doesn't get tired at night. The shortness of the season will cause you no further uneasiness. All your farm work will be up to date at any time and all the time. Besides you have at all times ample power—

That's the idea—**Ample Power.** Surely nothing is so important, nothing so imperative as to have power, plenty of power and so always be prepared for any contingency and always be ready.

The secret of successful grain farming is "Ample Power"—Plowing calls for power and lots of it; discing, harrowing and seeding call for power, harvesting calls for power, threshing calls for power, hauling calls for Power.

Power! Power! Power! Power!

It's the same old story over and over again. Plow and plow deep to retain moisture, seed and seed quickly to get your crop in timely. Harvest and harvest quickly to insure against shrinkage and crinkling. Thresh with your own power to insure getting done in time—all require power, Power! Power! Power! and more power.

Ample power insures the Bumper crop. Get the profits coming to you. Don't cheat yourself by trying to run with short power. Don't work and worry yourself to death with horses—they won't do, they're too expensive—they call for too much hobo labor—they must rest at night and are not the economical up-to-the-minute power for the progressive farmer. The Pioneer "30" first costs half what horses cost and thereafter saves half the amount usually spent for farm Power.

8 Exclusive Pioneer Superiorities

1. Vibrationless four-cylinder double-opposed motor.
2. All gears entirely encased running in oil baths.
3. All transmission gears machine-cut from solid steel.
4. No troublesome power-losing bevel transmission gears.
5. All working parts including the motor, entirely housed.
6. Three forward gear shifts providing big speed range.
7. Non-corrosive sectional radiator of brass and copper.
8. Comfortable operator's cab which can be entirely enclosed.

Write for details—

**Pioneer Tractor
Mfg. Co.**

12 Power Avenue
WINONA, MINN.



Topeka State Fair

(Continued from Page 10.)

in Kansas, for some unknown reason, none were exhibited here, and Nebraska receives all the credit for this breed at this show. The list of wards gives the standing of these herds.

Best Steer Show of the Season.

Steer show at Topeka was the largest and best of the season. There were six head exhibited in the 2-year-olds, and 10 head each in the yearling and calf classes. There was more interest taken in the judging of this class than any other. In the 2-year-old class, the Kansas Agricultural College won first, second and third on two purebred Shorthorns and one Aberdeen Angus. In the yearling classes, the largest of the season, E. M. Hall, of Carthage, Mo., won first with the exceptional smooth Shorthorn, Hallwood. Second place went to the Kansas College on Benedict, a purebred Shorthorn, and third to W. J. Miller, Newton, Ia., on a purebred Angus.

In the steer calf class, first went to Robert H. Hazlett's purebred Hereford, Blanco, that was later made champion steer of the breed. This is the steer that won the grand championship, all breeds competing, at the Iowa State Fair. There was no such class at Topeka. Had there been, Prof. Smith said he would have had to place this steer as the winner. Second place went to the Teitjen herd of Iowa on Dutch Joe 2d, a purebred Shorthorn and third place to the Kansas College on Fletcher, a purebred Angus. In all, five steers, conditioned by farmers or breeders, were made winners in competition with college-fitted steers. One Nebraska breeder expressed the opinion of several when he said, "It does me good to see these farmers beating the colleges in the steer classes."

Good Dairy Show This Year.

The Kansas State Fair was complimented with several herds from out the state this year, among them Wilcox & Stubbs's Guernseys from Des Moines,



A Nevius Shorthorn (cow and calf), first in Kansas exhibit at Kansas State Fair, Topeka.

that made many friends with the dairy people of Kansas. The Brown Swiss herd of Dahlem & Schmidt of El Dorado was a surprise to many visitors, as there are not many herds of this breed in the West. The Jerseys presented two herds, Smith & Roberts from Beatrice, Neb., and F. J. Sherman of Topeka. The former secured the bulk of awards, but both herds contained some very high-class cattle. The Holsteins put up the strongest showing in numbers and herds. There were two herds from Topeka, Charles Holston & Son and W. C. Jones & Son. The third, being the herd of Frank White, Hampton, Ia. The two Kansas herds were strong competitors of the Iowa herd and succeeded in keeping a number of blue ribbons in the home state.

Competition in Swine Ring.

This year the swine and sheep department made the best showing in the history of the fair. Especially was this true of the Duroc-Jersey and Poland China breeds. Old-time hog breeders said it was a remarkable exhibition. In Durocs

it was a contest of Nebraska, Oklahoma and Kansas breeders; and of Nebraska, Missouri and Kansas breeders in the Poland China end. Nebraska secured the greater part of the Duroc championships, but was not so successful in the Poland ring, though the Baird champion boar, Columbus, was made the grand champion boar here. In the Berkshires the championships were all taken by Kansas herds, the G. W. Berry & Sons' herd of Topeka securing four, while the Sutton Farms of Lawrence received two championships. In the Chester White classes the contest was between Iowa, Missouri and Kansas. The herd of Thomas F. Kent, Walnut, Ia., beat the other two states to all the championships. The showing by all three breeders was pronounced high-class in every particular. In the Hampshire breed the fight was strictly a Missouri contest, three herds from that state participating. The W. J. Bringer herd of Blythedale captured all the championships.

Sheep From Four States.

The conflict in the sheep department was between Wyoming, Kansas, Nebraska and Missouri. The George Allen flocks of Lexington, Neb., were represented by more than 100 head of Rambouillets, Lincolns, Oxfords, Cotswolds, Hampshires and Southdowns and he was successful in winning a large share of the premiums. Sherwood Brothers, Shelbyville, Mo., presented a fine flock of Hampshires, while J. C. Lacey & Son of Meriden, Kan., exhibited a fancy flock of Shropshires. W. W. & J. G. Waltmire of Peculiar, Mo., showed some very choice Southdowns and Oxfords.

The Plague Hurt the Horse Show.

The horse exhibit was curtailed to much smaller proportions than on former occasions because of the horse plague which prevented many horses from coming from other states. It was strictly a Kansas showing of French Draft and Percheron horses. Lee Brothers of Harveyville, Kan., presented the largest stable and secured a large number of the class premiums in the Percherons, but when it came to championships, they divided honors with the stable of A. G. Arbuthnot, Cuba, Kan. In the Kansas specials, Bingham & Sons, Ozawie, and Adam Becker, Meriden, divided championships. The entire showing was one that attracted much attention on account of the high character of quality and good condition of the horses.

The livestock awards in detail follow:

HORSES

PERCHERON HORSES.

Exhibitors—Lee Bros., Harveyville, Kan.; J. G. Arbuthnot, Cuba, Kan.; M. G. Bingham Sons, Ozawie, Kan.; Adam Becker, Meriden, Kan.; Wayne Horning, Grantville, Kan.; Hoyt Horse Co., Hoyt, Kan.

Judge—Dr. C. W. McCampbell, Manhattan, Kan.

Aged stallions—1, Arbuthnot on Gaufrier; 2, Gilchrist on Cicero.

Three-year-olds—1, Arbuthnot on Riller Boy; 2, Horning on Japla.

Two-year-olds—1 and 2, Lee Bros., on De-Caseline and Carno.

Aged mares—1 and 2, Lee on Galette and Allie; 3, Becker on Mabel.

Three-year-olds—1, Lee on Jodelle.

Two-year-olds—1, Lee on Rose; 2 and 4, Bingham on Josephine and Santeen; 3, Arbuthnot on Lady.

Yearling mares—1, Lee on Della.

Mare foal—1, Lee on Della; 2, Becker on Annabelle.

Produce of mare—1, Lee on De-Caseline and Della; 2, Arbuthnot on Rowdy Boy and Lady.

Get of sire—1, Lee.

Best three mares—1, Lee; 2, Becker.

Lee Bros.

Champion stallion—Arbuthnot on Rowdy Boy.

Reserve champion stallion—Arbuthnot on Gaufrier.

Champion mare—Lee on Galette.

Reserve champion mare—Lee on Della.

Kansas Specials.

Two-year-old mare—1, Bingham on Josephine; 2, Arbuthnot on Lady; 3, Bingham on Fanteen; 4, Lee on Irene.

Yearling mares—1, Lee on Della.

Mare foal—1, Becker on Annabelle.

Champion mare—Bingham on Josephine.

Reserve champion mare—Becker on Annabelle.

FRENCH DRAFT.

Judge—Dr. W. C. McCampbell, Manhattan, Kan.

Aged stallions—1, Hoyt Horse Co. on Hoher.

Two-year-olds—1, Lee on Hushel.

Yearling stallion—1 and 2, Lee on Coco L. and Princess E.

Turn to pages 1384 to 1392 of the latest Sears, Roebuck and Co. Big General Catalog and notice the wonderful Gasoline Engine values. The high grade, Water Cooled, not air cooled, mind you, but water cooled Economy Engines selling as low as \$26.95.

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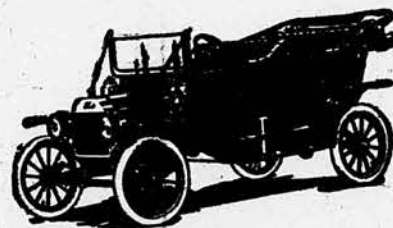
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Sears, Roebuck and Co.
Chicago



Dig down to the bottom of the automobile question—and the chances are you'll buy a Ford—just as thousands of other farmers have done. It's the one car that will stand the severe tests of farmer use—without excessive expense.



75,000 Ford cars already sold this season—one-third of America's product. Four different bodies—all built on the one Ford chassis—five-passenger touring-car—torpedo runabout—delivery car and town car. Get catalogue 321A from Ford Motor Company, Detroit, Mich.

Aged mare—1 and 2, Lee on Collie and Dolly 2d; 3, Becker on Cassa.
Two-year-olds—1 and 3, Lee on Mabel L. and Cora B; 2, Becker on Margaret.
Yearling mares—1, Lee on Laura.
Mare foals—1 and 2, Becker on Avis and Arcus; 3, Lee on Queen.
Produce of mare—1, Lee on Coco L. and Mabel L.; 2, Becker on Cassa and Margaret.
Get of sire—1, Lee on Flenron.
Best three mares—1, Lee; 2, Becker.
Champion stallion—Lee on Coco L.
Reserve champion stallion—Lee on Hushel.

BEEF CATTLE

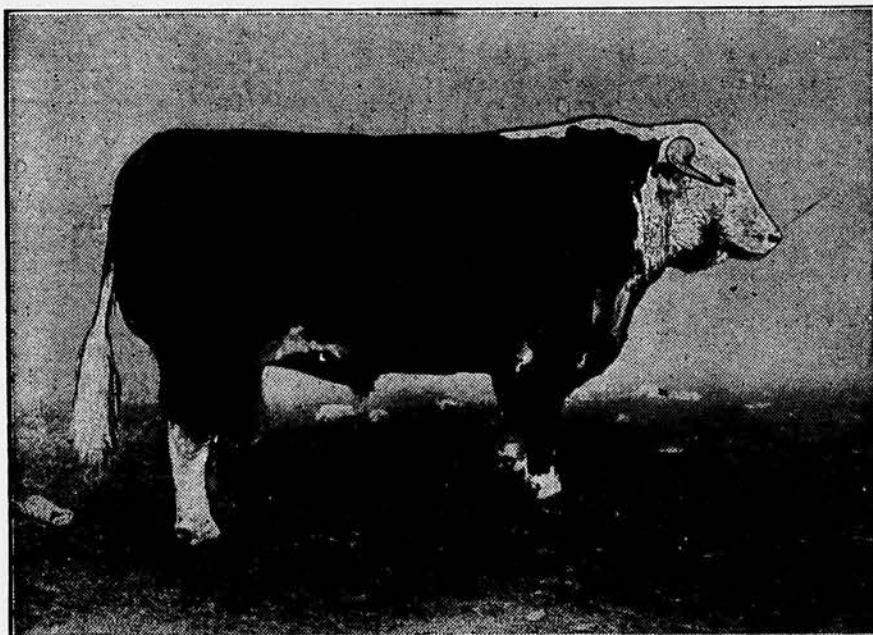
SHORTHORNS.

Exhibitors—Howell Reese & Son, Pilger, Neb.; H. C. Lookabaugh, Watonga, Okla.; C. S. Nevius, Chiles, Kan.; C. H. White, Burlington, Kan.; E. M. Hall, Carthage, Mo.; John Regier, Whitewater, Kan.; D. Teitjen, Bellevue, Ia.; Kansas State College, Manhattan; J. H. Miller, Peru, Ind.
Judge—John Tomson, Dover, Kan.
Aged bulls—1, Rees on Whitehall Rose-dale; 2, Nevius on Searchlight; 3, White on Richelleu.

Goods and Ruby Goods; 3, Teitjen on Hill Krest Lassie; 4, Lookabaugh on Julia Violette.
Senior and grand champion bull—Rees on Whitehall Rose-dale.
Junior champion bull—Nevius on Lustre's Light.
Senior and grand champion cow—Rees on Violet Goods.
Junior champion cow—Teitjen on Her Excellence.
Best individual animal—Rees on Violet Goods (Silver Trophy Cup).
Aged herd—1, Rees; 2, Teitjen; 3, Nevius.
Young herd—1, Hall; 2, Teitjen; 3, Rees.
Calf herd—1, Teitjen; 2, Rees; 3, Hall.
Get of sire—1, Rees on Ruberta Goods; 2, Nevius on Searchlight; 3, Lookabaugh on Avondale.
Produce of cow—1, Lookabaugh; 2, Nevius; 3, Teitjen.

HEREFORDS.

Exhibitors—Robt. H. Hazlett, Eldorado, Kan.; J. P. Cudahy, Belton, Mo.; O. E. Green, Genoa, Neb.; Jones Bros., Council Grove, Kan.; Klaus Bros., Bendena, Kan.; O. S. Gibbons, Atlantic, Ia.; Kansas Agricultural college, Manhattan.



Fairfax 16th, senior and grand champion Hereford bull at Kansas State Fair, Topeka. Owned by J. P. Cudahy, Belton, Mo.

Two-year-olds—1, Nevius, on Prince Valentine; 2, Baird on Governor; 3, Teitjen on Corrector; 4, White on Brawley Heir.
Senior yearling bulls—1, White on Prince-ly Sultana; 2, Nevius on Young Searchlight; 3 and 4, Teitjen on The Governor and Major.

Junior yearling bulls—1, Nevius on Violet Light; 2, Rees on Crescent Goods; 3, Lookabaugh on Lavender Lord.

Senior bull calves—1, Teitjen on Hill Krest Excelsior; 2, Regier on Balboa; 3, Lookabaugh on Duchess Prince; 4, Nevius on Lustre's Light; 5, Regier on Seneca.
Junior bull calves—1, Nevius on White Starlight; 2, Teitjen on Hill Krest Spangle; 3, Nevius on Goodlight; 4, Lookabaugh on Gibson Prince; 5, Nevius on Searchlight Bloom.

Aged cows—1, J. H. Miller, Peru, Ind., on New Year's Delight; 2, Lookabaugh on Charming Rose 3d; 3, Nevius on Lady May; 4, White on Charm's Novlett.

Two-year-old heifers—1, Rees on Violet Goods; 2, Teitjen on Marshall Missie; 3, Lookabaugh on Maxwellton Clipper 5th; 4, Nevius on Goldie Barmpton.

Senior yearling heifers—1, Nevius on Lavender S.; 2, Rees on Sylvian Goods; 3, Hall on Hallwood Violet 3d; 4, Lookabaugh on Roan Victoria; 5, Nevius on Princess Phyllis.
Junior yearling heifers—1, Teitjen on Her Excellence; 2, Hall on Hall Emma 3d; 3, Rees on June Goods; 4 and 5, White on Martina and Gratitude 7th.

Senior heifer calves—1, Hall on Choice Princess 3d; 2, Teitjen on Hill Krest Belle; 3, Hall on Hallwood Golddrop; 4, White on Rose Heather; 5, White on Sweet Novlette.
Junior heifer calf—1 and 2, Rees on Fancy

Judge—Prof. H. R. Smith, St. Paul, Minn.
Aged bulls—1, Cudahy on Fairfax 16th; 2, Klaus on Beau Onward; 3, Hazlett on Beau Sturgess 2d; 4, Gibbons on General G.; 5, Green on Parsifal 16th.

Two-year-olds—1, Cudahy on Corrector Fairfax; 2, Klaus on Beau Onward 2d; 3, Gibbons on Good Lad; 4, Hazlett on Gold Nugget.

Senior yearlings—1, Klaus on Beau Onward 3d; 2, Gibbons on Carnot; 3, Hazlett on Bonnie Lad 26th.

Junior yearling—1, Cudahy on Beau Fairfax; 2, Hazlett on Bocaldo; 3, Gibbons on Beau Patrick; 4, Jones Bros. on Beau Simpson 7th.

Senior bull calves—1, Hazlett on Beau Baltimore; 2, Green on Beau Mischief 63d; 3, Gibbons on Beau General 4th; 4, Klaus on Fulfiller 45th.

Junior bull calves—1, Green on Beau Selina; 2, Cudahy on Goldbeater; 3, Green on Beau Helena; 4 and 5, Jones Bros. on Beau Simpson 25th and Beau Simpson 26th.

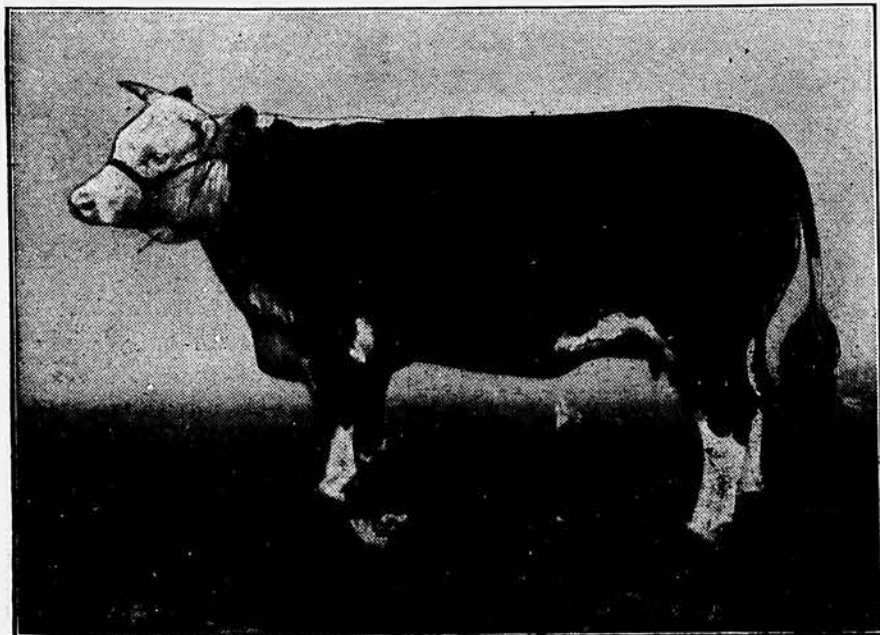
Aged cows—1, Cudahy on Scottish Lassie; 2, Hazlett on Sinia; 3, Green on Lady Governor 6th; 4, Gibbons on Priscilla.

Two-year-old heifers—1, Cudahy on Perfection Lass; 2, Jones Bros. on Daisy; 3, Hazlett on Bloss 4th; 4, Klaus on Miss Wilkin 20th.

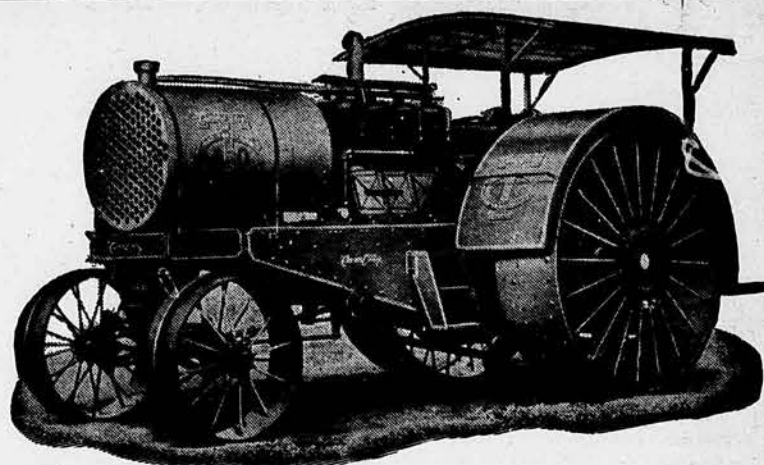
Senior yearling heifers—1, Jones on Sally; 2, Green on Lulu; 3, Gibbons on Pansy Belle 4th; 4, Hazlett on Melzah.

Junior yearling heifers—1, 2 and 3, Cudahy on Celandine 2d, Mill P. Fairfax, and Amy Donald; 4, Klaus on Miss Filler 37th; 5, Hazlett on Idyllette.

Senior heifer calves—1 and 2, Cudahy on Pearl Donald and Donald; 3, Hazlett on



Hereford cow, Scottish Lassie, declared senior and grand champion cow at Kansas State Fair, Topeka. Owner, J. P. Cudahy, Belton, Mo.



The Twin City "Forty"

"Money Can't Buy a Better Tractor"

In every test, in every kind of work that a tractor can do, in comparison with any other make, in every point of construction it always comes out ahead. It does the work that other tractors do with a greater efficiency, in shorter time, at a smaller cost. It does many things that no other tractor can do.

These are not mere advertising claims, but actual facts based on letters like the following:

"Gentlemen:—The Twin City 'Forty' I bought from you a few weeks ago, I find to be the best money can buy, for I have used it for both plowing and threshing. It pulled twelve 14 inch plows in heavy blue gumbo, and had plenty of power.

Now we are using the Twin City 'Forty' for threshing, pulling a 40x63 separator, which is no load whatever for it. I find it to be an easy operator and also a fast traveler.

I recommend this engine to anyone intending to buy a gasoline engine. It is the best they can buy.

Wishing you success, I am Yours very truly,

Signed (W. M. Erickson, Warren, Minn.)

Why does it win such comments? Because we build it that way—use steel instead of iron to give it strength, light weight and flexibility, planned a design that permits of the greatest traction efficiency and adaptability for different kinds of work, build a motor of the greatest simplicity and reliability, perfected features to overcome every tractor problem.

Our enormous plant and modern equipment, our long mechanical experience and the aid of some of the best engineering brains in the country enabled us to do all this.

Our Tractor Book F, Tells All

Goes into detail. Explains the exclusive features that have won a reputation of satisfaction for this great tractor.

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NOW you need no longer waste energy lifting manure into the old-fashioned spreader with a box as high as a wagon. Just why the world has been content to waste all this energy all these years no one knows, but you don't have to do it any longer. The EMERSON Low Down Spreader reduces the work at least 50 per cent—there is no lost motion. Loading from either side or rear, you lift your forkfuls only a little over half as high as with the old-fashioned spreader—and it's the last half that takes the most muscle.

Point by point, feature by feature, the EMERSON is as far ahead of other spreaders as the low down principle is ahead of the old style. Let us prove it to you. Send your name for our new booklet of facts. Read why the EMERSON Low Down is

Easy to Operate, Easy to Load, Easy to Unload, Easy Running

Beater is all metal, can't warp, split, rot or check. Teeth are square steel, chisel pointed, set in spiral form—so they cut, tear, shred and pulverize all the manure and spread it evenly regardless of how bed is loaded.

Endless apron—each slat runs on its own wheel—not dragged over stationary rollers. Worm gear drive runs in bath of oil. Foot lever controls driving mechanism—hand lever changes quantity spread.

Main drive wheels 50 inches high—main frame sills are steel channels 3 inches wide, 5 pounds to the foot. The EMERSON Low Down is practically an all steel spreader—the only parts not steel are apron slats, box sides, pole and whippetrees.

You should know more about the EMERSON before you select any spreader. Sold by implement dealers everywhere. Write now for free booklet. Address

EMERSON-BRANTINGHAM COMPANY

Farm Machinery Builders Since 1852

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Hog Wallow Prevents Disease

KEEPING hogs in a healthy, growing condition at this season of the year is a simple matter, provided preventive measures are adopted. Sprinkle about the runs, pens and sleeping quarters and in the hog wallow

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Dr. Hess Dip and Disinfectant is a guaranteed germ and vermin killer. No bothersome parasite or insidious microbe can get in its deadly work when opposed by this powerful preparation. Easy to prepare and entirely harmless. Endorsed by the Government as an official dip for sheep scab. Use it freely to disinfect foul drains, sinks and outbuildings. Send for dip booklet.

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MILLER & REED, Clay Center, Kansas



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is a beauty. It has one large self-sharpening blade, one spraying and one congress blade; Extra quality steel, double German Silver bolter and shield, brass lined, stag handle. This beautiful useful knife will be sent you FREE, postpaid, for securing only four 8-months subscriptions to the Mail and Breeze at the regular rate of 35 cents or we will send you our paper one year for \$1.10 and the knife free as premium. We guarantee the knife and will return your money if you are not satisfied. We know you will like it as we have given away hundreds and have never had a complaint. This illustration is one-half actual size. Write today.

MAIL AND BREEZE
Topeka, Kansas

Mausella; 4 and 5, Green on Belle Mischief 33d and Belle Mischief 34th.
Junior heifer calves—1 and 2, Cudahy on Little Mischief and Anita Donald; 3, Green on Gertrude Mischief; 4, Gibbons on Priscilla; 5, Klaus on Miss Miller 35th.
Senior and grand champion bull—Cudahy on Fairfax 16th.
Junior champion bull—Cudahy on Beau Fairfax.
Senior and grand champion cow—Cudahy on Scottish Lassie.
Junior champion cow—Cudahy on Pearl Donald.
Aged herd—1, Cudahy; 2, Hazlett; 3, Klaus.
Young herd—1, Cudahy; 2, Green; 3, Hazlett.
Calf herd—1, Cudahy; 2, Hazlett; 3, Green.
Get of sire—1, Cudahy on Perfection Fairfax; 2, Gibbons on General G; 3, Green on Beau Mischief.
Produce of cow—1, Gibbons; 2, Hazlett; 3, Klaus.
Best individual animal—Cudahy on Fairfax 16th (Silver Trophy Cup).

ABERDEEN ANGUS.

Exhibitors—Sutton Farms, Lawrence, Kan.; A. C. Binnie & Son, Alta, Ia.; W. J. Miller, Newton, Ia.
Judge—Prof. H. R. Smith, St. Paul, Minn.
Aged bulls—1, Binnie on Kloman; 2, Miller on Ever Black.
Two-year-olds—1, Binnie on Black Pride-wood; 2, Miller on Peter Pan of Alta.
Senior yearlings—1, Miller on Rosegay 6th.
Junior yearlings—1, Miller on Choice Chief; 2, Sutton on Queen's Dutch Lad.
Senior bull calves—1, Miller on Heather Keylex; 2, Binnie on Pride's Kloman; 3, Sutton on Ribbon.
Junior bull calves—1, Binnie on Eraman; 2, Sutton on Wakarusa Heatherson; 3, Miller on Everlex.
Aged cows—1, Miller on Barbara Woodson; 2, Binnie on Ellen of Alta; 3, Miller on Key of Heather 2d; 4, Sutton on Barbara McHenry 27th.
Two-year-olds—1, Binnie on Abess of Alta; 2, Binnie on Proud Premier; 3 and 4, Miller on Enchantess and Barbara Woodson 2d.

Senior yearling—1, Miller on Metz Blackbird 8th; 2 and 3, Binnie on Blackbird Lass of Alta and Abess of Alta 2d.
Junior yearlings—1 and 2, Miller on Katy Key Mura 2d and Blackbird Woodson; 3 and 4, Binnie on Krista Kio and Blackbird Lassie of Alta 19th.
Junior heifer calves—1 and 4, Binnie on Pride of Alta and Black Cap of Alta; 2, Miller on Erin's Pride; 3, Sutton on Wakarusa Georgian.
Senior and grand champion bull—Binnie on Kloman.
Junior champion bull—Miller on Rosegay 6th.

Senior and grand champion cow—Miller on Barbara Woodson.
Junior champion cow—Miller on Katy Key Mura 2d.
Best individual Angus—Miller on Barbara Woodson (Silver Trophy Cup).

Aged herd—1, Binnie; 2, Miller.
Young herd—1, Miller; 2, Binnie; 3, Sutton.

Calf herd—1 and 3, Binnie; 2, Miller; 4, Sutton.
Get of sire—1, Binnie on Elmar Lad; 2, Miller on Keylex; 3, Binnie on Kloman.
Produce of cow—1, Binnie; 2 and 3, Miller.

GALLOWAYS.

Exhibitors—Straub Bros., Avoca, Neb.; A. O. Huff, Arcadia, Neb.
Judge—Prof. H. R. Smith, St. Paul, Minn.
Aged bulls—1, Straub on Marquis; 2, Huff on Meadow Lawn Crusader.
Two-year-olds—1, Straub on Choice Master; 2, Huff on Captain Joe.
Senior yearlings—1, Straub on Casino; 2, Huff on Mack Croft.
Junior yearlings—1, Straub on Maramore; 2, Huff on Dixie Duke.
Senior bull calves—1, Huff on Byron Black; 2, Straub on Monarch 6th.
Junior bull calves—1, Straub on Handsome 4th; 2, Huff on Port Wolf.
Aged cows—1, Straub on Ladylike; 2, Straub on Modesty; 3, Huff on Capatoline.
Two-year-olds—1, Straub on Daisy Dimple; 2, Straub on Merry Lady; 3, Huff on Sunbeam.

Senior yearlings—1, Straub on Marianna; 2, Lily Wistful.
Junior yearlings—1, Straub on Nellie Melville; 2, Huff on Dainty Doll.
Senior heifer calves—1 and 2, Straub on Dewdrop and Dainty Dimple; 3, Huff on Dollie Dimple.
Junior heifer calves—1, Straub on Bonnie Belle; 2, Huff on Evaline.

Senior and grand champion bull—Straub on Choice Master.
Junior champion bull—Straub on Casino.
Senior and grand champion female—Straub on Ladylike.
Junior champion female—Straub on Marianna.

Aged herds—1 and 2, Straub; 3, Huff.
Young herds—1, Straub; 2, Huff.
Calf herds—1, Straub; 2, Huff.
Get of sire—1 and 2, Straub on Captain 4th of Tarbreoch; 3, Huff on Meadow Lawn Crusader.

Produce of cow—1, Straub; 2, Straub; 3, Huff.
Best animal of the show—Straub on Ladylike.

POLLED DURHAMS.

Exhibitors—Achenbach Bros., Washington, Kan.; Ed Steglin, Straight Creek, Kan.; J. H. Miller, Peru, Ind.

Judge—John R. Tomson, Dover, Kan.
Aged bulls—1, Achenbach on The Baron; 2, Steglin on Orange Lad 2d.

Two-year-olds—1, Miller on Sultan's Creed.
Senior yearlings—1, Achenbach on Meadow Sultan.

Junior yearlings—1, Steglin on Fancy's Victor.
Senior bull calves—1 and 2, Miller on Serene Sultan and Sassy Victor 2d; 3, Achenbach on Baron Link.

Junior bull calves—1, Miller on Trug Sultan; 2, Achenbach on Baron Exception; 3, Steglin on Orange Lad 3d.

Aged cows—1, Miller on Wanderer's Trophy; 2 and 3, Steglin on Lady Marshall and Eden Bess 3d.

Two-year-olds—1, Steglin on Rosette; 2, Miller on Lady Confidence.
Senior yearlings—1, Miller on Capricious Sultan.

Junior yearlings—1, Achenbach on Thankful Martha; 2, Miller on Queen of Miami 7th; 3, Achenbach on Baroness Koraj; 4, Steglin on Nellie Bampton.

Senior heifer calves—1, Miller on Lady of Quality; 2, Achenbach on Minute 2d; 3, Steglin on Elizabeth Phyllis.

Junior heifer calves—1, Miller on Golden Thorn; 2, Achenbach on Baroness; 3, Steglin on Queen Victoria.

Senior and grand champion bull—Miller on Sultan's Creed.
Junior champion bull—Miller on Serene Sultan.

Senior and grand champion female—Miller on Wanderer's Trophy.
Junior champion female—Achenbach on Thankful Martha.

Aged herds—1, Miller; 2, Steglin.
Young herds—1, Miller; 2, Achenbach; 3, Steglin.

Calf herds—1, Miller; 2, Achenbach; 3, Steglin.

Get of sire—1, Miller on Sultan of Anoka; 2, Steglin on Orange Lad 2d; 3, Achenbach on The Baron.

Produce of cow—1, Miller; 2, Steglin; 3, Achenbach.
Best individual animal—Miller on Sultan's Creed.

RED POLLS.

Exhibitors—Chas. Graff, Bancroft, Neb.; F. Davis & Son, Holbrook, Neb.; T. L. Leonard, Beaver Crossing, Neb.

Judge—Prof. H. R. Smith, St. Paul, Minn.
Aged bulls—1, Graff on Dandy; 2, Leonard on Uno; 3, Davis on Reo.

Two-year-olds—1, Leonard on Broad Winner.
Junior yearlings—1, Graff on Forester; 2, Leonard on Cozy's Napoleon Apple.

Senior bull calves—1, Davis on K. C. Lad; 2 and 3, Leonard on Jackson and Brownie.

Junior bull calves—1 and 2, Davis & Sons on Max Crema and Big Crema; 3, Graff on Imperial; 4, Leonard on Lofly.

Aged cows—1 and 2, Davis on Dewdrop and Isis; 3, Graff on Inas.

Two-year-olds—1 and 2, Davis & Son on Lady Dortha 2d and Valentine's Lady; 3, Leonard on Eliza.

Senior yearlings—1, Leonard on Evangeline; 2, Davis on Christmas Bells.

Junior yearlings—1 and 2, Graff on Dina and Ida Too; 3, Davis on Miss Crema.

Senior heifer calves—1 and 2, Graff on Alma and Rosalie; 3, Leonard on Lady Searchlight.

Junior heifer calves—1 and 2, Davis on Violet Crema and Crema Belle; 3, Leonard on Princess.

Senior champion bull—Graff on Dandy.
Junior and grand champion bull—Graff on Forester.

Senior and grand champion female—Davis on Dewdrop.
Junior champion female—Leonard on Evangeline.

Aged herds—1, Graff; 2, Davis; 3, Leonard.
Young herds—1, Graff; 2, Davis; 3, Leonard.

Calf herds—1, Davis; 2, Graff; 3, Leonard.
Get of sire—1, Davis on Crema; 2, Leonard on Bill Taff; 3, Davis on Crema.

Produce of cow—1, Graff; 2, Leonard; 3, Graff.

FAT CATTLE.

(Grade and Purebred.)
Judge—Prof. H. R. Smith, St. Paul, Minn.

Aged steers—1, Kansas Agricultural college on Orange Dale (Shorthorn); 2, Kansas College on Insurgent Envoy (Angus); 3, Kansas College on Archie (Shorthorn).

Yearlings—1, E. M. Hall, Carthage, Mo. on Hallwood (Shorthorn); 2, Kansas College on Benedict (Shorthorn); 3, W. J. Miller, Newton, Ia. on Glenavon (Angus).

Calves—1, H. H. Hazlett, Eldorado, Kan. on Bocaldo (Hereford); 2, D. Teitjen, Bellevue, Ia. on Dutch Joe 2d (Shorthorn); 3, Kansas College on Fletcher (Hereford).

Groups—1, Kansas College on (Shorthorns); 2 and 3, Kansas College on (Angus).

Champion Shorthorn steer—Kansas College on Orange Dale.
Champion Hereford—Hazlett on Bocaldo.

Champion Aberdeen Angus—Kansas College on Insurgent Envoy.
Champion Galloway—Kansas College on Medalist.

DAIRY STOCK

JERSEYS.

Exhibitors—Smith & Roberts, Beatrice, Neb.; F. J. Scherman, Topeka, Kan.; J. H. Scott, Topeka, Kan.

Judge—Prof. O. E. Reed, Manhattan, Kan.

Aged bulls—1, Smith & Roberts on Stockwell's Fern Lad.

Two-year-old bulls—1, Smith & Roberts on Silverene's Combination; 2, Scherman on Col. Theodore.

Yearling bull—1, Smith & Roberts on Stockwell's Rioter.

Senior bull calves—1 and 2, Smith & Roberts on Oxford's Sultan Lad and Stockwell's Champion; 3, Scherman on Grand Fern Lad.

Bull calves—1, Smith & Roberts on Warder's Stockwell; 2, Scherman on Princess Lowana's Fox.

Aged cows—1, 2 and 3, Smith & Roberts on Warder's Proud Beauty, Golden Maid Lady and Foundain's Katydid; 4, Scherman on Gorgeous Midgetta.

Two-year-old cows—1 and 2, Smith & Roberts on Stockwell's Proud Beauty and Bonnie Beehive; 3, Scott on Pride of Topeka; 4, Scherman on Winnie's Golden Baby.

Senior heifers—1 and 2, Smith & Roberts on Oxford's Lady Wonder and Oxford's Lady Sultan; 3, Scherman on Our Fern; 4, Smith & Roberts on Lady Irene.

Junior heifers—1 and 2, Smith & Roberts on Oxford's Silver Fan and Stockwell's Beauty.

Heifer calves—1 and 2, Smith & Roberts on Stockwell's Lady Fern and Oxford's Lassie; 3, Scott.

Aged herds—1 and 2, Smith & Roberts; 3, Scherman.

Young herds—1 and 2, Smith & Roberts; 3, Scherman.

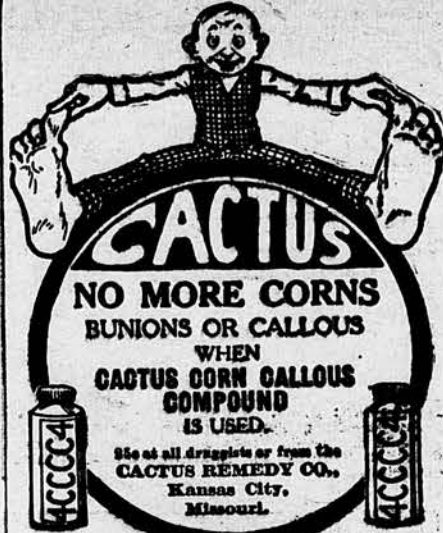
Calf herds—1 and 2, Smith & Roberts; 3, Scherman.

Get of sire—1 and 2, Smith & Roberts; 3, Scherman.

Produce of cow—1 and 2, Smith & Roberts; 3, Scherman.

Senior and grand champion bull—Smith & Roberts on Stockwell's Fern Lad.
Junior champion bull—Smith & Roberts on Oxford's Sultan Lad.

Senior and grand champion cow—Smith & Roberts on Warder's Proud Beauty.
Junior champion cow—Smith & Roberts on Oxford's Lady Sultan.



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HOLSTEINS.

Exhibitors—Chas. Holston & Son, Topeka, Kan.; W. C. Jones & Son, Topeka, Kan.; Frank White, Hampton, Ia.
 Judge—Prof. O. E. Reed, Manhattan, Kan.
 Aged bulls—1, White on Groveland Inka Hyland; 2, Holston on Sir Wintje Kron-
 dyke.
 Senior yearling bulls—1, Jones on Per-
 terje Hengerveld Nannette; 2, White on
 Groveland Sir Pontiac Inka.
 Junior yearling bulls—1, Jones on Golden
 Star Sir Netherland; 2, Rossetter on Sir
 Krondyke Beechwood.
 Senior bull calves—1, White on Groveland
 Aske DeKol; 2, White on Groveland Sir



A likely bull shown in the Shorthorn exhibit at Kansas State Fair, Topeka.

Pontiac Hyland; 3, Jones on Sir Lady Smith Netherland; 4, Jones on Perterje Hengerveld Nannette 6th.

Junior bull calves—1 and 2, Jones on Perterje Hengerveld Nannette 7th and 8th.

Aged cows—White on Pauline Witkop Netherland; 2, Jones on Lily Gerben; 3, Holston on Duchess Feldspar DeKol 2d; 4, White on Netherland Tween Peterje.

Two-year-old cows—1, 2, 3, and 4, White on Groveland Pontiac Hyland, Groveland Krondyke Cornucopia, Groveland Witkop Inka and Groveland Idske Pontiac.

Yearlings—1, 2 and 3, White on Groveland DeKol Inka, Groveland Mercedes Inka and Beauty DeKol DeVries 2d; 4, Jones on Cornelia Traer 3d.

Senior heifer calves—1, 2 and 3, White on Groveland Inka Netherland, Groveland Inka Mercedes and Artis Pontiac Susie Judith; 4, Jones on Viola Beechwood Netherland.

Heifer calves—1, 2 and 4, White on Butter King Molly Segis, Groveland Hyland, Krondyke and Groveland Beauty DeKol Pontiac; 3, Jones on Pert Perterje Hengerveld.

Aged herds—1, White; 2, Jones; 3, Holston.
 Young herd—1, White; 2, Jones; 3, Holston.

Calif herds—1 and 2, White; 3, Jones.
 Get of sire—1 and 2, White on Cornucopia Pontiac Johanna Lad and Groveland Inka Hijlaard; 3, Jones on Ethel Alexander 2d Sir Netherland.

Produce of cow—1, 2 and 3, White on Lady Ona Jiglaard, Mercedes Jesse Arona and Beauty DeKol DeVries.

Senior and grand champion bull—White on Groveland Inka Hijlaard.

Junior champion bull—Jones on Golden Star Sir Netherland.

Senior and grand champion cow—White on Groveland Pontiac Hijlaard.

Junior champion heifer—White on Groveland Inka Netherland.

BROWN SWISS.

Dahlen and Schmidt, of Eldorado, Kan., were the only exhibitors with a herd of 12 head.

GUERNSEYS.

Wilcox Stubbs & Co., Des Moines, Ia., were the only exhibitors with a herd of 30 head.

HOGS

The awards for Chester Whites, Hampshires and Berkshires appeared in last week's paper.

POLAND CHINAS.

Exhibitors—F. M. Giltner, Winfield, Kan.; J. C. Meese, Ord, Neb.; Lambert Bros., Smith Center, Kan.; H. L. Faulkner, James-

port, Mo.; Lyman Peck, Ft. Calhoun, Neb.; John Gildow & Sons, Jamesport, Mo.; R. B. Baird, Central City, Neb.; Stryker Bros., Fredonia, Kan.
 Judge—George Falk, Richmond, Mo.

Aged boars—1, Baird on Columbine; 2, Gildow on Pawnee Chief Hadley; 3, Lyman Peck on Big Mischief; 4, Faulkner on Billy Sunday.

Senior yearlings—1, Meese on Big Gun; 2, Stryker on Choice Pilate; 3, Lambert on Wastker Referee.

Junior yearlings—1, Baird on Skylight; 2, Meese on Nebraska Progressive; 3, Gildow on Bob Lafollette; 4, Lyman Peck on Rival.

Senior boar pigs—1 and 2, Stryker on Casino and Hadley; 3, Peck on Blue Ridge Model; 4, Gildow on Big Sensation.

Junior boar pigs—1, Hill & King on Dover Lad; 2, Meese on Orphan Wonder 1st; 3, Lambert; 4, Baird on Big Bennie.

Aged sows—1, Lambert on Helene; 2, Baird on Baird's Model 2d; 3, Meese on Miss Mastiff 4th; 4, Peck on Hill Croft Amazon.

Senior yearling sows—1, 2 and 3—Baird on Champion 1912, Baird's Kind and Baird's Winners; 4, Meese on Sleek Choice.

Junior yearlings—1, Baird on Nellie's Prize Winner; 2, Meese; 3, Peck on Hill Croft Show Girl; 4, Baird on Nellie's Pride.

Senior sow pigs—1, 2 and 3, Meese; 4, Baird.

Junior sow pigs—1, 2 and 3, Meese on Sweet Hilda, Sweet Choice and Sweet Mabel; 4, Baird.

Boar and three sows over 1 year—1 and 3, Baird; 2, Meese.

Boar and three sows under 1 year—1 and 2, Meese; 3, Stryker.

Boar and three sows over 1 year bred by exhibitor—1, Baird; 2, Meese; 3, Peck.

Boar and three sows under 1 year bred by exhibitor—1 and 3, Meese; 2, Gildow.

Get of sire—1 and 3, Baird; 2, Meese.

Produce of sow—1, Meese; 2, Stryker; 3, Gildow.

Senior and grand champion boar—Baird on Columbus.

Junior champion boar—Stryker on Casino.

Senior and grand champion sow—Baird on Champion of 1912.

Junior champion sow—Meese on M's Choice.

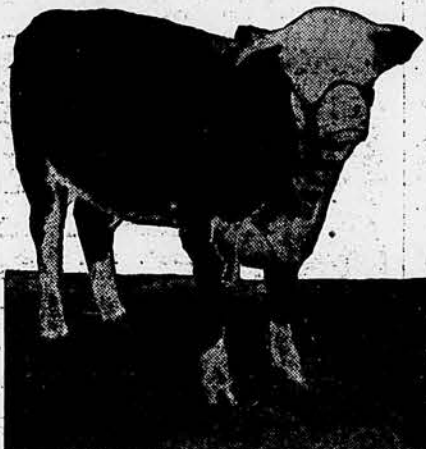
DUROC-JERSEYS.

Exhibitors—J. R. Blackshere, Elmdale, Kan.; Thompson Bros., Garrison, Kan.; R. Wide & Sons, Genoa, Neb.; Wm. Warnock, Harris, Kan.; Searle & Cottle, Topeka, Kan.; R. D. Martin & Sons, Eureka, Kan.; Philip Albrecht, Smith Center, Kan.; Classen Bros., Union City, Okla.

Judge—George Falk, Richmond, Mo.

Aged boars—1 and 2, Wide on Critic B and Bride's Crimson Wonder; 3, Classen on Champion Red; 4, J. R. Blackshere on J. R.'s Chief.

Senior yearlings—1, Martin; 2, Davis on



Cudahy's Hereford heifer, Pearl Donald, declared first in junior heifer class and junior champion female at Kansas State Fair, Topeka.

Beauty's Babe; 3, Classen on Goldmine; 4, Blackshere on J. R.'s Col.

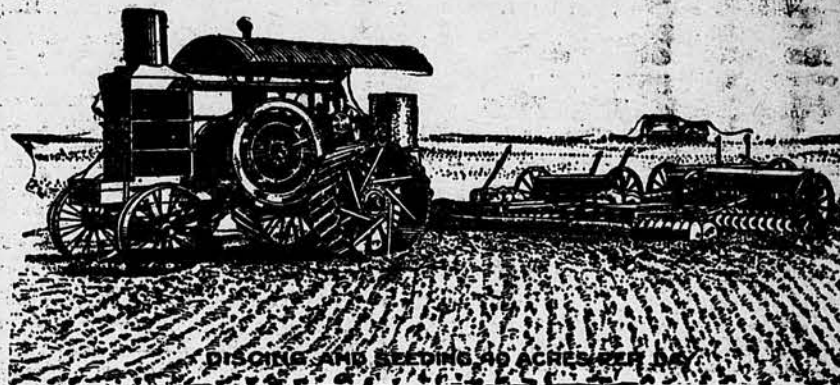
Yearling boars—1, Davis on Helen's Model; 2, Wide on Lincoln Chief; 3, Thompson on Col. Harris; 4, Searle & Cottle on Tata Walla.

Senior boar pigs—1, 2 and 3, Wide on Cedar Grove Wonder, Crimson Wonder 10th and Wide's Wonder; 4, Blackshere on Little Chief.

Junior boar pigs—1, Wide on Cedar Grove Chief; 2 and 3, Searle & Cottle; 4, Blackshere.

Aged sows—1, Thompson on Golden Queen; 2, Wide on M. L.'s Perfection; 3,

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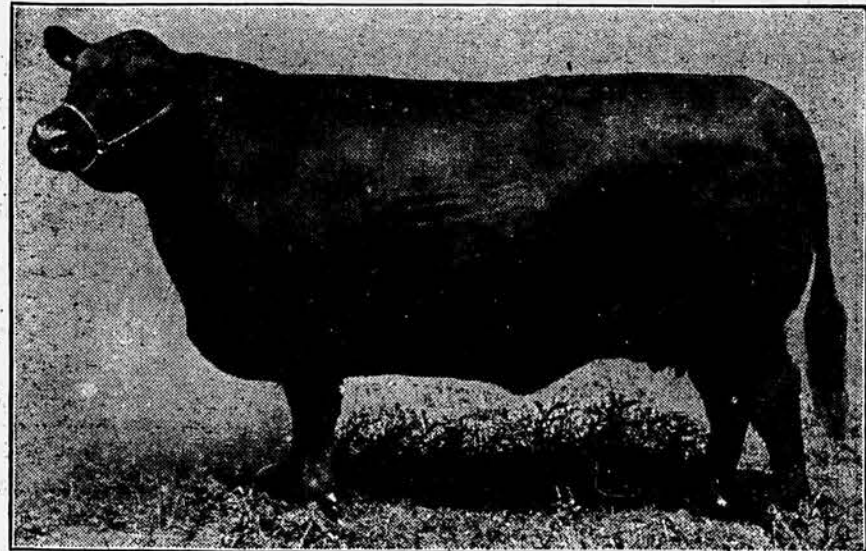
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Champion Angus cow, Barbara Woodson, at Kansas State Fair, Topeka. Owner, W. J. Miller, Newton, Ia.

Blackshire on Model D.; 4, Albrecht on H. Lady.
Senior yearling sow—1, Widle on Miss Uneda Wonder; 2, Davis on Madona; 3, Classen on Miss Advanta 2d; 4, Searle & Cottle on Bonnie Rose.
Junior yearling sows—1, Widle on Cedar Grove Lady; 2, Davis on Belle Wonder; 3, Thompson on Queen Mary; 4, Blackshire on Duroc Lady 1st.
Senior sow pigs—1, Widle on Pretty's Choice; 2, and 4, Davis on Model Queen 20th and 25th; 3, Blackshire on Lincoln Model 2d.
Junior sow pigs—1 and 2, Searle & Cottle; 3, Blackshire; 4, Widle.
Aged herds—1, Widle; 2, Davis; 3, Thompson.
Young herds—1, Blackshire; 2, Thompson; 3, Searle & Cottle.
Breeder's herds—1, Widle; 2, Davis; 3, Thompson.
Breeder's young herds—1, Blackshire; 2, Thompson; 3, Searle & Cottle.
Get of sire—1, Widle; 2, Blackshire; 3, Searle & Cottle.
Four produce of sow—1, Widle; 2, Classen; 3, Searle & Cottle.
Senior and grand champion boar—Widle on Cedar Grove Wonder.
Senior and grand champion sow—Widle on Miss Uneda Wonder.
Junior champion sow—Widle on Pretty's Choice.
Duroc Association Specials.
Boar and three sows owned by exhibitor—1, Thompson; 2, Searle & Cottle; 3, Blackshire.

BERKSHIRES.
Exhibitors—G. W. Berry and Sons, Topeka, Kan.; Sutton Farms, Lawrence, Kan.; Classen Bros., Union City, Okla.
Judge—George Falk, Richmond, Mo.
Aged boars—1 and 4, Berry on Masterpiece and Optimo; 2 and 3, Sutton on Duke's Bacon 8th and Artful Masterpiece 3d.
Yearling boars—1, Sutton on Peaceful Charmer.
Senior boar pigs—1 and 3, Sutton; 2, Berry.
Junior boar pigs—1 and 2, Sutton; 3, Classen.
Aged sows—1, 2 and 3, Berry on Ideal Bernice 2d, Ruby Silver Tips, and Majestic Duchess.
Senior yearling sows—1, Sutton on Wakarusa Baroness 8th.
Junior yearling sows—1 and 2, Sutton on Wakarusa Jewel and Duchess Silver Tips.
Senior sow pigs—1, 2 and 3, Sutton on



Front view of the Poland China boar Columbus 1st, declared senior and grand champion at Kansas State Fair, Topeka, owner R. B. Baird, Central City, Neb.

Duke's Royal Star 3r, Duke's Royal Star 1st, and Wakarusa Baroness.
Junior sow pigs—1 and 2, Berry on Silver Tips 300 and Silver Tips 301; 3 and 4, Sutton on Jewel Lee and Peaceful Lee.
Aged herds—1, Berry; 2, Sutton.
Breeder's young herds—1, 2 and 3, Sutton.
Young herd bred by exhibitor—1, 2 and 3, Sutton.
Get of sire—1, 2 and 3, Sutton.
Produce of sow—1 and 2, Sutton; 3, Classen.
Senior and grand champion boar—Berry on 2d Masterpiece.
Junior champion—Sutton on Peaceful Charmer.
Senior and grand champion sow—Berry on Ideal Bernice 2d.
Junior champion sow—Sutton on Duke's Royal Star 3d.

CHESTER WHITES.
Exhibitors—Thos. F. Kent, Walnut, Ia.; 20 head; R. W. Gage, Garnett, Kan.; 4 head; W. W. Waltemire & Son, Raymore, Mo.; 15 head. Total, 39 head.
Judge—George Falk, Richmond, Mo.
Aged boars—1, Kent on Iowa Protection; 2, Waltemire.
Senior yearling boars—1, Kent on White Boy.
Junior yearling boars—1, Kent on Combination A; 2, Kent on Combination I X L; 3 and 4, Kent on Combination B and Iowa Progress, respectively.
Senior boar pigs—1, Kent on Iowa Chief; 2, Gage on Bob White.
Junior boar pigs—1 and 2, W. W. Waltemire; 3 and 4, J. G. Waltemire.
Aged sows—1, 2 and 3, Kent on Iowa Production, Iowa Bessie 2d, and Iowa Mildred; 4, W. W. Waltemire.
Senior yearling sows—1, Kent on Kent's Kind.
Junior yearling sows—1, 2, 3 and 4, Kent on Iowa Agnito, Iowa Lily, Iowa Blanche and Iowa Georgia.
Senior sow pigs—1, 2 and 3, Kent on Iowa Favorite, Iowa Royal, and Iowa Louisa; 4, Gage on O. K. Bess.
Junior sow pigs—1, J. G. Waltemire; 2, W. W. Waltemire.

Breeder's young herd—1, Kent; 2, Gage; 3, W. W. Waltemire.
Aged herd bred by exhibitor—1 and 2, Kent.
Young herd bred by exhibitor—1, Kent; 2, Gage; 3, W. W. Waltemire.
Get of sire—1, Kent; 2, Gage; 3, J. G. Waltemire.
Produce of sow—1, Kent; 2, Gage; 3, J. G. Waltemire.
Senior and grand champion boar—Kent on Iowa Protection.
Junior champion—Kent on White Boy.
Senior and grand champion sow—Kent on Iowa Production.
Junior champion sow—Kent on Agnito.

HAMPSHIRE.
Exhibitors—J. Q. Edwards, Smithville, Mo.; W. J. Briniger, Blythedale, Mo.; John Binder, Blythedale, Mo.
Judge—George Falk, Richmond, Mo.
Aged boars—1 and 2, Briniger on Blythedale Jim and Blythedale Duke 2d; 3, Edwards on Pirate.
Senior yearling boars—1, Briniger on Neat Jim; 2, Edwards on True Belt.
Junior yearling boars—1 and 3, Briniger on Blythedale Boy and Blythedale Lad; 2 and 4, Edwards on Major Edwards and Earlington 2d.
Senior boar pigs—1 and 2, Briniger on Teddy B 1st and 2; 3 and 4, Edwards on Dr. Wood and Norcatur.
Junior boar pigs—1 and 2, Briniger; 3, Binder; 4, Edwards.
Aged sows—1, Briniger on Blythedale Princess; 2, Edwards on Miss Clodgers.
Senior yearling sows—1 and 2, Briniger on Missouri's Best and Missouri Beauty; 2, Edwards on Lulu Long.
Junior yearling sows—1 and 2, Briniger on Nice and Pretty; 3, Edwards on MAIL AND BREEZE Madam Hillwood; 4, Binder on Miss Binder.
Senior sow pigs—1 and 4, Briniger on Maude B 2d and Maude B 1st; 2 and 3, Edwards on Evangeline and Blanche.
Junior sow pigs—1 and 2, Briniger; 3, and 4, Edwards.
Aged herds—1 and 2, Briniger; 3, Edwards.
Breeder's young herd—1 and 2, Briniger; 3, Edwards.
Aged herd bred by exhibitor—1 and 2, Briniger; 3, Edwards.
Aged herd bred by exhibitor—1 and 2, Briniger; 3, Edwards.
Get of sire—1 and 2, Briniger; 3, Edwards.
Produce of sow—1, Briniger; 2, Edwards; 3, Binder.
All championships to Briniger.

TAMWORTHS.
 Classen Bros. were the only exhibitors of this breed.

SHEEP

SHROPSHIRE.
 George Allen, Lexington, Neb., and J. C. Lacey & Son were the only exhibitors. Allen took both championships and all but two firsts.

RAMBOUILLETS.
 Judge—W. L. Blizzard, Manhattan, Kan.
 F. S. King Bros. & Co., Laramie, Wyo., and George Allen, Lexington, Neb., were the sole exhibitors of this breed. Both championships and all but one first went to the Wyoming entries.

MERINOS.
 George Allen, Lexington, Neb., was the only exhibitor of this breed.

LINCOLNS.
 George Allen, Lexington, Neb., was the only exhibitor of this breed.

HAMPSHIRE.
 George Allen, Lexington, Neb., and Sherwood Bros., Shelbyville, Mo., were the only exhibitors in this breed. Both championships and all but one first went to Allen.

COTSWOLDS.
 George Allen, Lexington, Neb., had the only entries in this breed.

SOUTHDOWNS.
 George Allen, Lexington, Neb., and W. W. Waltemire, Peculiar, were the only exhibitors. Allen received all firsts and both championships.

OXFORD DOWNS.
Exhibitors—W. W. Waltemire, Peculiar, Mo.; J. G. Waltemire, Peculiar, Mo.; George Allen, Lexington, Neb.
Aged ram—1, W. W. Waltemire; 2, J. G. Waltemire.
Yearling rams—1 and 2, Allen; 3, W. W. Waltemire.
Ram lambs—1 and 2, Allen; 3, W. W. Waltemire.
Aged ewes—1 and 2, Allen; 3, W. W. Waltemire.
Ewe lambs—1 and 2, Allen; 3, W. W. Waltemire.
Pen of lambs—1, Allen; 2, W. W. Waltemire.
Flock—1 and 2, Allen; 3, W. W. Waltemire.
Champion ram and ewe—Allen.

ANGORA GOATS.
 N. A. Gwin, Lawrence, Kan., had 12 entries and received all awards.

Couldn't Be Trusted.
Judge—Why didn't you stop beating him when he cried "Enough?"
Sambo—W'y, ye see, sah, dat niggah is such a lih ye can't neveh believe 'im.—Judge.

A high grade, guaranteed durable live rich red barn paint is sold by the Sunflower Paint & Varnish Co. of Ft. Scott, Kansas, direct to the consumer at only 85c per gallon in 5 gal. cans, freight prepaid. This is a paint proposition worth considering by every farmer. This is a reliable company and now is paint season. Try this paint.

For Damp Climate

Paint Secrets Revealed

Copyright 1910 Lincoln Paint and Color Company

For Medium Climate

Explanation of Map

Symbol	Formula	Humidity	Climate
Triangle	No. 1	80 & over	Damp
Square	No. 2	65 to 75	Medium
Circle	No. 3	50 to 60	Dry
Cross	No. 4	Under 50	Very Dry

THE manufacture of ALL paint has been on a basis radically wrong. This fact the people never have known. In this locality or that, many have found one paint or another defective. But never has the public even suspected how incorrectly all paint has been made until we originated

Lincoln Climatic Paint

(Completely Machine Mixed and Ground)

The story of how we discovered Lincoln Climatic Paint is told in a handsome two-color booklet which is FREE for the asking.

It tells how our paint is made on four formulas to suit the four climates of our country.

It tells why other paints crack, check or peel—why they will cause trouble and annoyance and endless expense—because they are made on the assumption that this is a one-climate country and one formula will do for all sections.

How untrue this is, is proven by the map above. Refer to it. See what locality you live in, what the climatic

conditions are, and when you order paint, be sure to get Lincoln Climatic with the symbol on the can corresponding to your section.

By doing this, you will obtain paint that will endure, as well as beautify. There can be no mistake, for it is made exactly to fit the conditions which arise in your locality.

Our FREE Book

telling about the discovery of Lincoln Climatic Paint will be sent to you on postal request. Write today, and we also give you the name of dealer nearest you who has a copy of the first climatic map of the U. S. ever published. Send postal now.

For Dry Climate

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 Dept. 25, Lincoln, Nebraska
 Factories: Lincoln, Nebraska and Dallas, Texas
 Lincoln Trade Mark covers a complete line of highest grade paints, varnishes and general paint specialties for all purposes.

For Very Dry Climate

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FREE

Unequaled Bargain Offer

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The book illustrated here is a book such as would ordinarily retail for a high price. It is handsomely and substantially bound in soft leather covers and printed in large, clear, easily-read type. It is just the right size for home, office or school use. It is thumb-indexed for quickly finding the word you want without any loss of time. No home library, no reading table, no student's outfit is complete without a good dictionary—and there is none other more authoritative or more complete than the famous Webster.

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The coupon must be used, or the wording copied on a piece of letter or note paper in order to secure this special price. Renewal or extension subscriptions accepted on same terms as outlined above.

Cut Out and Mail This Coupon Today

Arthur Capper, Publisher,
Mail and Breeze, Topeka, Kansas

Dear Sir: I desire to accept your special offer and enclose herewith \$2.00, to pay for 3 years' subscription to Farmers Mail and Breeze, and you are to send me prepaid, one leather-bound "Webster's Reliable Dictionary" as per your offer.

Name

Postoffice

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State

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The Best Yet in Hay Doors.

[Awarded First Prize, a Year's Subscription to the Daily Capital.]

Mr. Editor—We built a barn last fall, 50 by 48 feet, using 2 by 6's for studing on each side of the opening left for the hay door. We made the door of cypress flooring and it is cut to fit the gable of the roof. The track and rollers are known as the "Big Four" kind, the track being twice the length of the opening left so the door will slide down out of the way. Two rollers are used on each side of the door. The door is raised and lowered by means of a rope passed over a well pulley on either side with a sand bucket attached to the lower end. The sand buckets work up and down inside the barn, the ropes passing through holes cut in the mow floor. Such a door looks neat when up or down and a boy can easily handle it by pulling at one of the ropes from the mow floor.

Ernest Siler.
Wells, Kan.

Portable Orchard Ladder.

[Awarded Second Prize.]

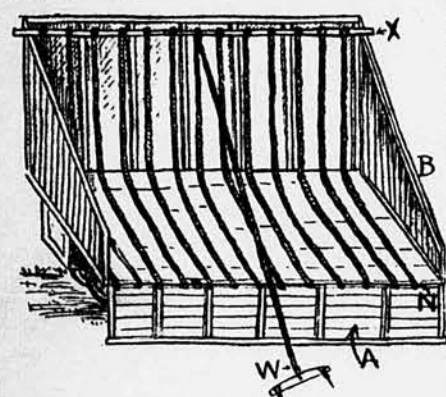
Mr. Editor—This is my portable step-ladder that comes in handy for fruit gathering and many other purposes. I used four light 2 by 4's for the frame. Spread these pieces a little at the bottom and brace well with good pieces of 1 by 3 or 1 by 4-inch stuff. Let the two lower braces extend beyond the ladder about a foot and round them off for handles. A few short boards nailed on top of these braces inside will furnish a place for baskets, etc. A small platform on top holds the basket while picking. Use good sound wood for the rungs. Make an axle for two old cultivator wheels and belt the two short legs securely to this axle. We like this better than any ladder we have ever used in the orchard as it is no back breaker.

Chetopa, Kan. Harry H. Shawl.

Unloading Device on Barges.

[Awarded Third Prize.]

Mr. Editor—This arrangement for a header barge is fine for unloading heavy feed or cane and Kafir heads which may not be easily handled with a fork. The



DUMPS THE LOAD QUICKLY.

barge should be equipped with a hinged lower side as shown at A in the drawing. Then fasten several lengths of rope at the outer edge of the floor at N. These are passed across the floor

and up the high side at the top of which they are fastened to a pole extending the length of the barge. A long rope attached to the center of this pole and a horse hitched to the other end does the unloading in a jiffy. For Kafir and milo heads it is well to lay ropes lengthwise across the others. With a header and this arrangement in the barge, one man can operate a barge, putting the heads in windrows. C. A. Hutte.

Russell Springs, Kan.

[We do not presume to be able to improve on Brother Hutte's device but just by way of experiment, we would like to try one long rope from each end of the pole to the singletree, instead of one rope from the center. This, we believe, would tend to take the load off even and would prove less of a strain on the pole.—Ed.]

Automatic Chicken Waterer.

[Prize Suggestion.]

Mr. Editor—This drawing shows a handy device for watering chickens in summer. Set an airtight keg or barrel on a stand or box with a small pipe A leading from the bottom of keg to the bottom of trough while another pipe B extends from below the upper level of the trough up into the head of the barrel. Fill the keg and cork up tightly, then remove cork from bottom of pipe A and the water will run into the trough until it rises high enough to shut the air off at the lower end of pipe B, when the water will stop running. When the water in the trough is lowered enough to admit air into pipe B the water will again run from A.

Richard Lee.
Route 1, Neosho Falls, Kan.

[The operation of this contrivance is based on a sound theory but the difficulty would come in getting the keg and pipe connections perfectly airtight under ordinary circumstances.—Ed.]

Wagon Box Kafir Topper.

[Prize Suggestion.]

Mr. Editor—Here is a good topper for bound Kafir or cane. For the frame take a 2 by 4, 4 feet long and to one end of it bolt another 2 by 4, 3½ feet long as shown in the drawing with a shorter piece 18 inches long, on the opposite side. At the other end bolt two similar short pieces. Next bend a piece of angle iron 2 feet long and 1½ inches wide as shown, and belt it to the right side of the horizontal 2 by 4. Belt a brace to the lower end of angle iron and extend it down to the outer leg. Knock off the landside of an old plow lay, straighten it out and drill a hole through the pointed end and bolt in with the angle iron and brace mentioned. A handle of any length wanted is bolted to the other end of lay. This allows the knife to work against the flat side of the angle iron and acts like a pair of shears. The handle works against the inside of the upright 2 by 4 which holds the knife firmly against the angle iron. Put the sheaf of Kafir in the curve of the angle iron, bring down the knife and the heads drop in the wagon box. The frame is supposed to be set over the side board of the box. With this knife two men can top 10 wagon box loads of Kafir or cane in a day.

Wellington, Kan. John A. Spohr.

Unreeling Barbed Wire.

Mr. Editor—M. M. Maxwell suggests that a hole be bored in the bottom of the wagon box and a rod passed through the barbed wire spool and this hole for unrolling. I see no use in injuring a

good wagon bed when a piece of 1 by 12 sawed the right length and laid crossways just in front of the end gate cleats will do better, for then the rod cannot drop through. Sometimes I fasten a 2 by 8 on top of the lower bed and bore holes partly through it for the rods. Then I can unroll two or three rolls at a time by myself. The top of the rod or rods are guyed with a wire running forward to each side of the bed. Stood on end this way the rolls will supply their own tension and will not unroll too fast as is the case when placed horizontally on a rod where no brake is provided. Al. Gard.

Shadeland, Tex.

Hoister for the Wagon Box.

[Prize Suggestion.]

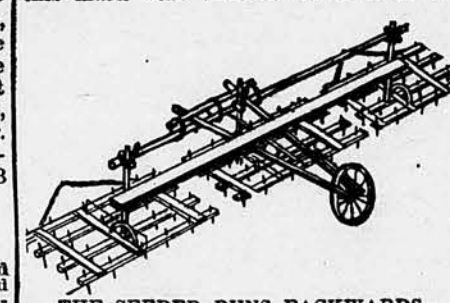
Mr. Editor—To make easy work of lifting the wagon box and at the same time leave it up out of the way make two windlasses as shown and fasten to overhead beams. Make the rollers of 4-inch stuff, 6 feet long, and placed 8 feet apart. Fasten ends of rope 4 feet apart on the rollers and have them long enough so they may be passed around under the ends of the box. Fix a wire loop for each crank to hold the windlass.

J. R. Little.
R. 4, Mountain Grove, Mo.

Saves One Operation.

[Prize Suggestion.]

Mr. Editor—This makes a handy way to use a wheelbarrow seeder behind a harrow. I used a 4-section harrow with it and lapped what the seeder didn't cover each time. I harrowed around the field to avoid turning short around. I simply tied a chain behind the harrow as far as the seeder went, then followed this mark next time so as to cover all



THE SEEDER RUNS BACKWARDS.

the ground with the seeder. A piece of pipe is wired to the levers on the harrow and the seeder handles loosely rest on this pipe but a stick is placed over them and wired to the pipe so as not to allow too much free play. The seeder is hitched to the harrow by means of a rope attached to the pipe from the center of the seeder to allow it to follow the harrow in turning. Meade, Kan. O. S. Newberry.

A Pulley From Old Stew Pans.

[Prize Suggestion.]

Mr. Editor—This is a flange pulley which I made of two old stew pans about 10 inches in diameter, that had seen better days in the kitchen. I use a rope on it instead of a leather belt. I made a hole in the center of each pan large enough to receive an inch gas pipe. I cut out two round pieces from an

inch board to fit in the bottoms of the pans and bored holes to match those in the pans. Out of some strap iron I cut four short pieces and bent them at right angles as shown at A. In each of these brackets a ¾-inch hole was drilled. Similar holes were drilled through the pan bottoms and then the pans were put together bottom to bottom. Bolts were then put through as shown at RB and after drilling holes through the pipe the bolts at D were inserted. I used this pulley on my concrete mixer which I run by horse power. I used two old mower wheels with the pulley between them for a "portable jack" and by squaring one end of the gas pipe shaft I connected it up with the tumbling rod from the horsepower. The mower wheels were fastened together with three strap irons bolted to the outside rims. To make

the jack secure I set it in the ground 6 or 8 inches and placed a stone in front of the wheels. This kind of pulley could be used on any shaft by using a collar and set screw instead of the bolts through the pipe. R. F. Woodson.
R. 2, Chapman, Kan.

A Folding Safety Ladder.

[Prize Suggestion.]

Mr. Editor—A ladder built like this is very handy about the place in picking fruit or pruning trees. For a ladder 10 feet long use 2 pieces 1½ inches thick by 5 inches wide for uprights. For the supports use two pieces of 1 by 4-inch stuff. Bolt the two supports together in the middle. Spread the lower ends as shown and use a rod for the connection at the upper end. The longer the ladder, the heavier the uprights should be. Such a ladder can be folded and carried with ease. Barton Evere.



Forsyth, Mo.

Crate for Hog Ringing.

[Prize Suggestion.]

Mr. Editor—This is the device I use in ringing or snoutting hogs and would not do without it. With a boy's help

one man can ring as many hogs with this device as two men without it, and do it much easier. Make a strong hog crate and in one end nail a board shaped like A in the drawing. Bore four holes in cross pieces C and D to adjust the yoke to the size of hogs. Out of a white elm board or other stout wood, shape a lever like B and bolt to D at the bottom. A pin holds the lever in place at the top. The crate is left open at the other end. Have the boy run the hog into the crate and when his head is into the yoke bring over the lever just in front of his shoulders. He is there to stay until you turn him loose. H. G. Sigmund.

Route 2, Wetmore, Kan.

Portable Shed for Grinder.

[Prize Suggestion.]

Mr. Editor—Dad reads the politics in the old, reliable Mail and Breeze, Ma reads the home department, big brother John reads the good things Harley Hatch writes, and I am a big boy 13 years old who is interested in the handy devices. I want to tell you how we keep our feed grinder under cover. We took six pieces of 2 by 4's to make girts, for three sides at top and bottom of the little house on wheels. This house is 3 feet wide and 4 feet long. Six pieces of 2 by 4's, 2 feet long, furnish the rafters, a pair at each end and a pair in the middle. One end of the house is left open from the gable down so as to pass over the grinder. Inch boards were used for siding, and sheeting and shingles on the roof. Two old cultivator wheels were then attached. Paint the sides red, stripe the cornices white and you have a real ornament. Then if the dinner bell rings while you are grinding feed, you can leave the hopper full of corn, pull the little house over it, and let it rain all it wants to. Francis Foster.

R. 5, Emporia, Kan.

For a Heavy Cellar Door.

Mr. Editor—A good cellar door lifter may be made by fastening a rope to the door and passing it over a pulley mounted on a post. Hang a weight to the other end heavy enough to make the two balance each other.



No Address.

Earl Shaw.

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Six graduates of different agricultural colleges went back to the farm, as thousands of others are doing. They farmed by the help of what they had been taught in college. Some did brilliantly from the first; others just held their own; all are now what you would call successful. They have consented to write what they did and how they did it. In particular, they will say just how their training panned out when actually put to test. Is your boy going to an agricultural college? Get a line on the possibilities that await him, the salary he may expect to earn, the capital he may need in future.

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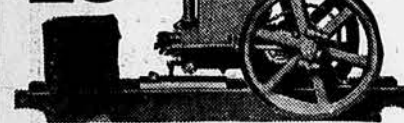
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Feeds & Feeding

QUESTIONS ANSWERED
by Prof. G. C. Wheeler
(Address queries to Farmers Mail and Breeze)

All Matter Contributed to this Column by Prof. Wheeler, Expert in Animal Husbandry, Extension Service, of Kansas Agricultural College, Bears His Signature.

How Tankage Should Be Fed.

What is the best way to feed tankage, shorts, and meal to hogs? How may one know if tankage is spoiled or not? I have read that spoiled tankage will make hogs sick.—W. K., Washington, Kan.

Your inquiry has been mainly covered in the reply of L. L. P. of Peabody. Oilmeal is not extensively fed to hogs, as a rule, since it is a more expensive source of protein than tankage. Tankage is a very concentrated feed and it should never be fed to hogs in large quantities. It is very seldom advisable to feed more than 1/2 pound daily to young hogs. If they should accidentally have opportunity to get a larger amount it would probably make them sick. Tankage which has been stored in a damp place sometimes becomes too badly damaged for feeding with safety. It will show evidences of caking together in the bags and very disagreeable odors will be present as a result of the decomposition which has taken place. Perfectly fresh tankage should be in a meal form with no cakes whatever. Its odor is not considered pleas-

at 7 cents this would mean over \$1 per bushel for the corn fed.

These figures are considering only the gains made during the fattening period. Oftentimes the greatest profit in pork production comes from the economical production of the shoat up to the age when he goes into the fattening pen.

Wetting the shorts and tankage so as to make a thick slop has been found to be the best method to follow in feeding. Where the corn is ground, the whole ration can be very satisfactorily fed in this manner. Where soaked shelled corn is fed, the supplemental part of the ration can be mixed separately and then such amounts fed as will supply these supplemental feeds in the proportions suggested. A bulletin is soon to be published giving the results of a large amount of experimental data covering a period of several years.

The government remedy or conditioner is as follows:

Wood charcoal	1 pound
Sulphur	1 pound
Common salt	2 pounds
Sodium bicarbonate	2 pounds
Sodium hyposulphite	2 pounds
Sodium sulfate	1 pound
Black antimony	1 pound

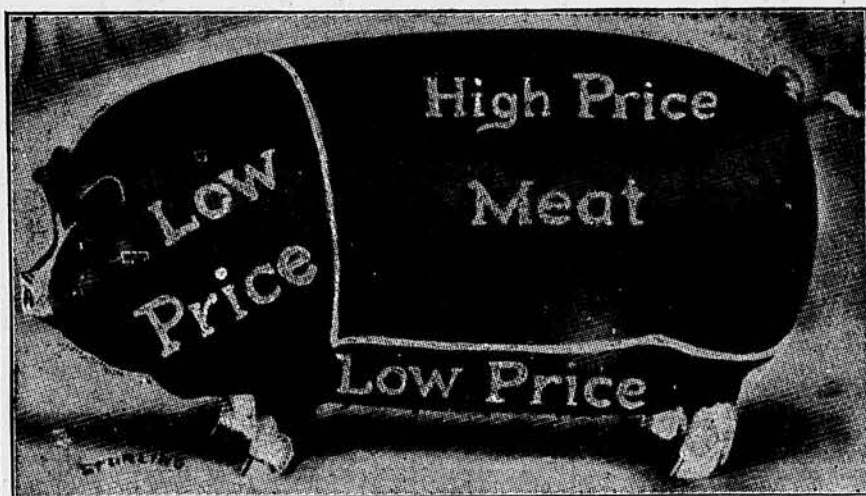
It is often kept ready prepared by druggists where there is any considerable demand for it.

G. C. Wheeler.

The Kind of Hog We Want for Market.

[Written for Farmers Mail and Breeze.]

After 24 years' experience in showing and on the market, it is my opinion that to find what type makes the most marketable pork and lard we must go



The hog that makes most pork and lard. The illustration shows if a hog carries as much weight in front of his heart girth as he does behind, he is a poor killer. Also that we must avoid the short-sided and short-hammed hog and the one with a low-sprung rib.

ant, but a farmer who has never used perfectly fresh meal would have little difficulty in noting the difference between this fresh product and that which has been damaged by being stored in damp places.

G. C. Wheeler.

Economical Hog Feeds.

I have been feeding a bunch of shoats this summer that has had the run of an alfalfa field. They weigh 150 to 175 pounds each. Am feeding soaked shelled corn, with alfalfa hay in a rack. Would it pay to give them a slop of shorts? If so, how much of the shorts should be used per barrel? Would also like to see the government conditioner and prescription for worms reprinted.—L. L. P., Peabody, Kan.

Hogs could make profitable gains on the ration of soaked corn and alfalfa hay which you are now feeding. But with present feed prices, greater profit could be made by using more supplemental feeds richer in protein than that ration. The results of a number of experiments here at the station, in fattening shoats of this size, have shown that very profitable gains can be made by using meat meal or tankage and shorts as supplements to the corn. In our experiments, the shorts have been fed at the rate of about 25 to 30 per cent of the total ration, and the meat meal or tankage at the rate of about 5 per cent of the total ration. With corn priced at 95 cents per 100 pounds, shorts \$1.20 and meat meal or tankage at \$2.25, gains have been made costing at the average rate of about \$4.60 per 100 pounds. In other words, with pork at 6 cents corn has been made to return a value of 85 cents per bushel when supplemented with these other feeds in the proportion suggested. With pork

to the packer. Whether we are raising a "bacon" hog or a hog for pork we find the high-priced meat is in the same place and the more of this high-priced meat he carries to his weight the more a hog is worth by the pound. This is the reason one carload of hogs will bring 5, 10 or even 20 cents a hundred more than another. I will enclose a sketch which will show better than I can tell where Mr. Hog carries this meat. This illustration goes to show if a hog carries as much weight in front of his heart girth as he does behind, he is a poor killer. Also that we must avoid the short-sided, short-hammed or the "shed-roofed" hog. By that I mean the hog with a low sprung rib.

Now here are a few things I have learned from the packer that may somewhat surprise some of your readers. The greater per cent of our "choice" bacon is made from "Poland China," "Duroc-Jersey" and "Berkshire" pigs from 6 to 7 months old. A thick-hided hog is generally a money loser for the packer, and neither does he wish a thin-hided one that is too thin. A fine-boned hog like the Essex or a coarse, soft-boned hog is not desirable, as his bones break when going through the scrapers.

I have noticed several articles in the Mail and Breeze on the breeding and feeding of hogs and some very good. I will say this for Farmers Mail and Breeze: I never pick up an issue but that it more than pays me for a year's subscription.

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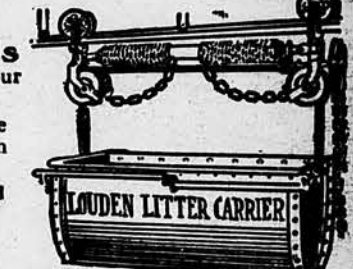
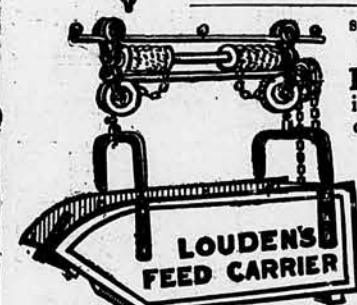
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Select Early Maturing Seed

BY J. H. MILLER,
Director College Extension, K. S. A. C.

[Written for Farmers Mail and Breeze.]

Few appreciate the importance of early selection of seed for corn and sorghum. We need in Kansas an early maturing corn of a large variety. In every field in September a farmer can find some well-matured ears with other ears far from mature. Early attention will enable him to select by the third week in September hundreds of good, sound ears that the seed from which will be likely to mature uniformly earlier than the seed from ears that will ripen a half month later. The matter of uniformity alone is worth striving for and this can never be secured from seed selected from the crib.

The farmer who will select his seed from standing stalks will have opportunity to determine somewhat of the yielding quality of his seed, somewhat of the strength of stalk and roots. The big ear on a stalk standing alone with no stalks near is not a good seed ear. It is big because of unequal soil help. A good ear growing on a good stalk surrounded by good stalks will furnish safer seed.

Kansas has lost more bushels of corn from poor seed in the last 30 years than she has lost from dry weather.

Every argument in favor of selecting seed corn from the field in early fall can be used in favor of September selection of seed of all the sorghums, broomcorn, Kafir, milo and also saccharine sorghum. No one will ever get a uniform ripening of any sorghum until he selects from the field uniform ripening heads. A seed patch is even more important for sorghum than corn. Kansas is the leading state in this country in her acreage of Kafir, ranks high in acreage of the saccharine sorghum and also in broomcorn.

We should get together in a big concerted movement in September, 1912, for selecting sorghum seed early. I am going to ask each of the 380 farmers' institutes in Kansas to get behind the movement and to get the names of members who will this year select from the

field before the last of September uniformly ripened heads of Kafir, milo and sweet sorghum; 10 days before cutting time uniformly ripened heads of broomcorn; before the middle of October choice ears of corn from good stalks.

J. H. Miller,
Director College Extension,
Manhattan, Kan.

Kansas Soil Under Irrigation

A CALIFORNIA COMPARISON.

Mr. Editor—I noticed an article in the Mail and Breeze under date of August 3, by M. H. Wilson, McDonald, Kan., in which he gives his views on irrigation

in northwest Kansas. Now, I beg to differ with Mr. Wilson's views and am of the same opinion as J. D. Shepherd when he said that western Kansas and eastern Colorado could be made to blossom like a rose, under irrigation.

I have farmed all my life in northwest Kansas, except that I raised 4 crops in California by irrigation. Four years ago I bought a farm joining Goodland, Kan., on the east. During the year 1909 I farmed 7 acres under irrigation in potatoes and vegetables and sold \$1,274.50 worth of products. That year I raised 263 bushels of potatoes on 1/4 of an acre. In 1910 I increased my acreage to 15 acres and raised and sold \$2,950.25 worth of products. In 1911 I

irrigated 30 acres and marketed \$3,776.40 worth of vegetables and melons, although the year was a severe one on vegetation. This year I have 47 acres under irrigation, of which I have seeded 30 acres to alfalfa, and have secured a fine stand, and it is doing fine. This leaves me 17 acres of potatoes and other vegetables which are all a fine crop, but they have been aided by bountiful rains this summer.

My experience is that this soil takes irrigation much better than the soil in California, and I believe it is just as good for irrigation farming as in most any irrigated district. I have given facts in this article.

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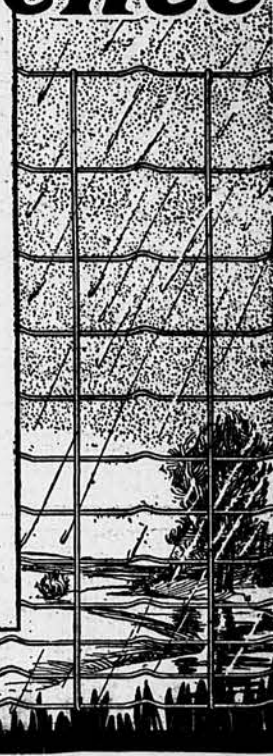
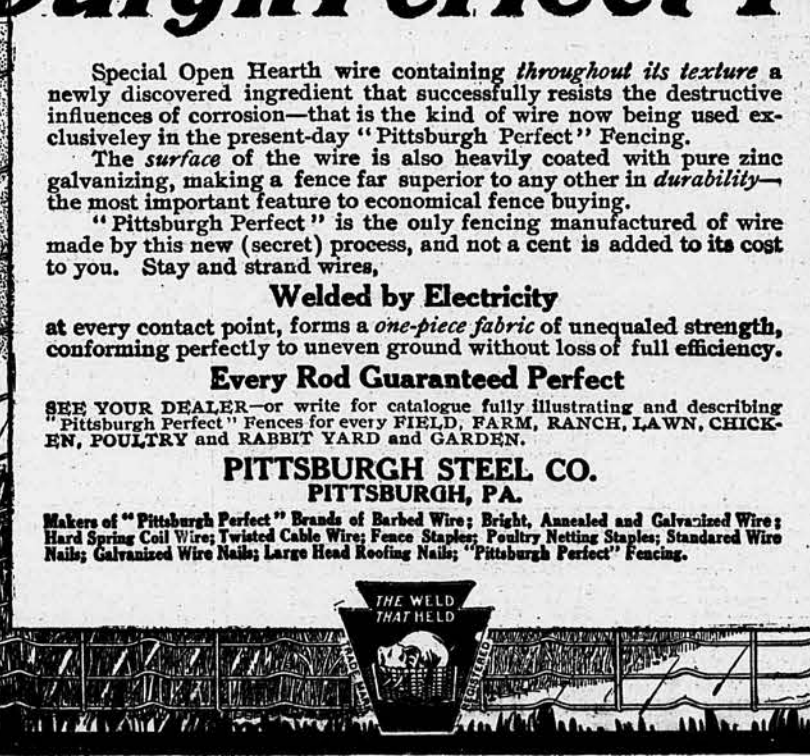
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CROPS and FARM WORK

(Crop Reporting Service of Farmers Mail and Breeze.)

Good soaking rains and a touch of cool fall weather have eased up the unfavorable situation that existed in Mail and Breeze territory for two or three weeks prior. It is a good time to sow wheat so far as seedbed conditions are concerned and some seeding is being done but perhaps the majority are waiting until fly danger is a little more remote. As a result of several years of investigation Kansas Agricultural College authorities have set the fly free date at October 1 for the northern line of the state and October 14 for the southern line. The fly free date for any given point between would therefore be one day later than October 1 for about every 14 miles south of the north line.

The horse epidemic is still raging in the western half of Kansas but one or two reports this week state that the disease shows signs of abating in some

sections. The cooler weather is being looked upon as favoring the check of the malady.

The report of Secretary Wellhouse of the Kansas Horticultural society shows that this has been one of the best fruit seasons in recent years. The following table shows the September condition of the four principal fruits now in season as compared with the condition of the same crops in 1911 and 1910:

	1912.	1911.	1910.
Apples	65	24	62
Pears	73	27	48
Peaches	50	10	57
Grapes	73	49	59

KANSAS.

Pratt County—The ground is soaked and fall seeding has begun. Pastures did not afford much grass. Several horses have died and more are sick.—J. L. Phelps, Sept. 14.

Montgomery County—Weather cool, cloudy and rainy for a few days. Rains revived late pastures and will help late crops. More Kafir, cowpeas, and shallots than usual this year. About an average crop of wheat will be sown.—J. W. Elkenberry, Sept. 14.

Grant County—Had from 1 to 2 inches of rain Sept. 11 to 13 which was fine for late crops and fall wheat seeding. Most crops late but heavy. Wheat threshing out well in quality and yield. Politics beginning to boom.—J. L. Hipple, Sept. 13.

Chase County—Fine rains and ground is in good condition for fall work. Corn cutting has begun. A few cases of horse plague reported in this county. Fat cattle about all shipped out and hogs in good demand.—W. J. Dougherty, Sept. 14.

Osborne County—Horse plague is still raging and over 500 horses have died in

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Who got the best yield of wheat in Kansas this year, averaging 40 bushels or more, on one or more acres?

Also what Kansas reader of Farmers Mail and Breeze got an especially good yield of alfalfa seed from one or more acres, or a large yield of alfalfa hay, counting all the cuttings this season?

This information is wanted by the Top Notch Farmers' club of Farmers Mail and Breeze which is soon to award a silver cup for best yield of wheat this year, also a silver cup as an alfalfa trophy for best record with alfalfa. Address reports to Arthur Capper, Farmers Mail and Breeze, Topeka, Kan.

the county. If the disease is not checked soon will not have enough horses to put out fall crops. Other stock all right.—W. F. Arnold, Sept. 13.

Hodgeman County—Good rain Sept. 9 kept Kafir growing. Corn binders busy. Wheat turning out better than expected in most cases. Many horses have died of epidemic and many more sick. Few have been saved.—E. N. Myler, Sept. 10.

Reno County—Too wet to do anything. Broomcorn harvest about half finished. Threshing finished. Will have a right good corn crop in this county. Plenty of work but laborers are few. Wheat 79 cents, corn 75.—D. Engelhart, Sept. 13.

Ellsworth County—Plenty of rain lately and feed looks fine. Most farmers busy harrowing and some intend starting to sow Monday. Others will wait until Sept. 25. Horse disease bad in this county.—C. R. Blaylock, Sept. 14.

Finney County—Rainy weather this week. Quite an acreage of wheat ground being prepared. Cane and milo heading has started. Crops are fair. Many horses being lost and no sure remedy found yet.—F. S. Coen, Sept. 14.

Lyon County—The showers last week were good for Kafir, cane pastures, and apples. Plowed ground in good condition to disk and harrow for wheat and alfalfa. Farmers have begun fall seeding. Will have about half a corn crop.—E. R. Griffith, Sept. 15.

Lincoln County—Wheat threshing nearly finished. Corn good but fodder badly dried by hot winds. Sowed feed also hurt by winds and bugs. Had 1/2 inch rain last night and look for more. Some horses dying from plague.—E. J. G. Waoker, Sept. 13.

Crawford County—Corn about dry and much of it being cut for fodder. Wheat acreage will be small on account of hard plowing. Light showers Sept. 13 and 14. Cattle scarce and high and hogs being shipped out on account of scarcity of corn.—H. E. Painter, Sept. 15.

Butler County—Heaviest rain today since last May. Hot and dry weather damaged

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This contest is open to every man, woman, boy or girl in the United States. The contest closes Saturday, November 30, 1912, and on that date the five Grand Prizes will be awarded to the five contestants who have sent in the most subscriptions to the Weekly Capital. In addition to the grand prizes and special awards every contestant receives a commission of 40% out of all subscription money collected. If you average only 25 subscriptions a day you would be earning \$15 a week—and would be sure of one of the special awards and have an excellent chance at the first Grand Prize! It doesn't cost you a cent to enter this contest. Just send your name and address and we will send you a full outfit of supplies and start you in the work at once. You have just as good a chance to win as anybody has and you can't lose, because you are sure of getting pay for every minute you devote to the work. Get in now at the start of the contest—and get in to win.

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Address.....

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late corn and kafir. A few horses dying around here. Hog disease still hangs on. No fat hogs and cattle scarce and high. Old corn 70 cents, oats 40.—M. A. Harper, Sept. 14.

Rooks County—Plowing and seeding delayed by horse epidemic. Many farmers handicapped by shortage of horse power. A few mild cases recover but most die. Most horses being kept off pastures and fed green corn. Elevators full on account of car shortage.—C. O. Thomas, Sept. 13.

Mitchell County—Some rain and weather is cooler. Early corn good but late fields were hurt by winds. Horse disease has been in county 15 days and getting worse. Around Cawker City 100 dead horses reported. Feed of all kinds good. Swine plague in parts of county.—J. H. DePoy, Sept. 13.

Cloud County—Weather still warm but plenty of rain. Plowing for wheat nearly done but not much sown yet. A few silos being filled but not much corn cut for fodder. Corn good outside of hail belt. Good many horses dying. Sales are numerous and stock sells well except horses.—H. Plumly, September 13.

Harper County—Rain for three days and ground is soaked. Most farmers about ready to sow wheat. Usual acreage to be sown. Corn fair to good. Kafir will be good and will have plenty of feed for winter. A few horses dying. All stock high. Wheat 75 cents, oats 45, corn 65, cream 24, eggs 15.—H. E. Henderson, September 14.

Cheyenne County—Broomcorn cutting started but has been delayed by rains. Rained every day this week so far. Brush good and heavy in most fields. Everybody has plenty of feed and hay. Not much threshing done. Strange disease killing some horses but farmers think cool weather will check it.—Mrs. J. S. DeLong, Sept. 13.

Rice County—Nearly all wheat ground ready and seeding has begun. Threshing nearly finished. Corn hurt some by hot weather but some are estimating fields to make 40 bushels. Broomcorn heavy in spots. Hands scarce at \$2. All work delayed by rain which was badly needed. A few cases of horse disease have been reported.—Henry S. Wilson, Sept. 13.

Rush County—Corn out short by dry weather but have plenty of feed and hay. About 400 horses have died in this county of what appears to be epizootic cerebro spinal meningitis. Nearly all farm work at a standstill as result of epidemic. Some farmers have lost nearly every horse and some are planning to use cattle for wheat seeding.—J. F. Smith, Sept. 8.

Morris County—Corn and feed damaged slightly by three weeks of dry windy weather and some chinch bugs but had about 3 inches of rain Sept. 10 to 12. Corn will make a good crop and feed will be plentiful. Not much corn to be cut for fodder. Good yield of potatoes but some rotting badly after dug. Pastures good. Two or three horses reported dead of new disease.—J. R. Henry, Sept. 14.

Graham County—Horse plague has taken hundreds of animals in this county but there seems to be some abatement in the last few days. Farming practically at a standstill and everybody taking care of horses. Threshing about half done. Wheat good in quality but yields not heavy. Will have abundance of feed. Some late rains but need more for wheat ground.—C. L. Kobler, Sept. 13.

Allen County—Nice rain Sept. 13. Stock water was getting scarce and pastures poor. No plowing done for wheat lately. Corn is fair and much of it will be cut for fodder. Broomcorn being harvested but is not as good as last year. Kafir fair and large acreage out. Good crop of potatoes. Flax making 8 to 10 bushels. Corn 75 cents, potatoes 75, oats 40, butter fat 23.—Geo. O. Johnson, Sept. 14.

OKLAHOMA.

Beckham County—Some good showers the last few days. Kafir and milo damaged by dry, hot weather. Cotton will not make average crop. Pastures very short. No plowing done for wheat and acreage will probably be small. Feed is high. Eggs 12 cents, butter fat 21.—M. F. Spurlock, Sept. 14.

Kingfisher County—Showers last night and prospects for more. First rain for almost six weeks. Late crops badly dried up and only a fourth of plowing done. Hoppers are thick and not much alfalfa seed in prospect. Several new silos put up and filled. Sales numerous and prices hold up well.—H. A. Reynolds, Sept. 13.

Tulsa County—No rain for about six weeks. Very little pasture and farmers are feeding stock. Water getting scarce and stock losing flesh. Corn will soon be dry enough to market. Cotton picking in progress. Farmers baling oat straw. Hay \$8, potatoes \$1.25, new corn 60 cents, eggs 20.—W. H. Booth, Sept. 12.

Tierra Amarilla Grant Changes Hands.

It is announced that the Martin-Borders Land Co., 519 Midland Bldg., Kansas City, have purchased, at forced sale, the tract of land known as the Tierra Amarilla Grant. The land lies just south of the Colorado state line on the Denver and Rio Grande railway, six miles west of the town of Chama, which is division headquarters for this road. This is said to be one of the best deals in Southwestern land made for some time. The soil is dark chocolate loam with clay subsoil and all of limestone formation, being adapted to wheat, oats, barley, rye, timothy, vegetables and hardy variety of fruits. The Martin-Borders Company is dividing the tract into farms of 160 acres each and placing it on the market at \$6.25 per acre for the benefit of the Middle-West and Eastern homesteaders. This is the first time in the history of the Middle West that productive wheat land has been offered for so low a price. See the Martin-Borders ad on page 24. It will pay to get full information about it. Address as above, mentioning this paper.

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IF you have clover, timothy, prairie grass, or alfalfa, it will pay you to bale it. Loose hay takes barn space. You cannot sell it easily and you cannot ship it at all. It is the hay that is baled which is in demand in the high-priced city markets. This is the hay upon which you make your profits.

The difference between what it costs to bale hay and the increase you get in price per ton, gives you a bigger margin of profit on your work than anything else you do on a farm. You can bale easily from 8 to 16 tons a day and under certain conditions, several tons more. Baled hay can be made as much a big cash crop to you as your wheat, corn, or oats. All you need is the right kind of hay press. There is money in owning an

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It has taken years of field testing to make these presses the best that you can buy. They are that now. The horse power presses have greater capacity than any other horse press of equal size. They are lighter draft and easier on the horses. The step-over is the lowest and narrowest made. They have an adjustable bale tension, which insures compact bales. They are equipped with a roller tucker to turn in all straggling ends, thus making each bale neat in appearance.

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The purpose of this Bureau is to furnish, free of charge to all, the best information obtainable on better farming. If you have any worthy questions concerning soils, crops, land drainage, irrigation, fertilizer, etc., make your inquiries specific and send them to I H C Service Bureau, Harvester Building, Chicago, U S A



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VETERINARY ADVICE

Conducted for Farmers Mail and Breeze
BY DR. F. S. SCHOENLEBER,
Professor of Veterinary Science
Kansas Agricultural College.

Our readers are invited to consult Dr. Schoenleber in an advisory way in case of trouble with livestock. Be sure to state the history of the case, location of the disease and the conditions under which animal has been kept. If a horse state weight. Also write across the top of your letter to be answered in Farmers Mail and Breeze and always sign name in full. Unsigned inquiries will not be answered. Answers will be published in turn.

Preventing Abortion.

I have a 5-year-old mare that lost her first colt last year. I have bred her again and would like to know if there is anything to be done that will prevent her losing this colt. J. P., Purcell, Okla.

There are two kinds of abortion, one of which is contagious, the other may be due to a number of causes such as slipping, being kicked, falling, and possibly improper feeding. When an animal has once aborted, even if not of the contagious form, there is some little danger of her aborting again. If you had stated the possible cause of your mare's aborting, it would be more easy to give you a definite answer. If it was not of a contagious nature, I think you need not be alarmed if you use the animal carefully. Write to the Experiment Station, Manhattan, Kan., for their bulletin on contagious abortion.

Stiffened Mule.

My mule got stiff last spring and he can't get his head below his knees yet. He does not lie down as the other mules do and if crowded on rough ground, falls down. He seems to stand very well. Last spring before he got stiff I noticed his nose had been bleeding at one time. Later he has had a rumbling noise in his head while breathing. S. N., Blue Jacket, Okla.

It is rather difficult to give a correct diagnosis of your mule. You do not state the cause of his getting stiff last spring. It is possible that he met with some injury which affected the muscles or bones of the neck, which prevents him from putting his head to the ground. The rumbling noise in his head may be due to the formation of a tumor or the thickening of the mucous membrane. Have a good graduate veterinarian make a thorough examination of the animal.

Sow Has Nervous Trouble.

I have a sow that has been running on pasture since April and she has not had any grain since that time. About a week ago I noticed her staggering around and she fell over on her side several times. This morning she farrowed six pigs and seems to be all right now except that she carries her head twisted over to one side. G. B. A., Garnett, Kan.

It appears that your sow has some nervous trouble. It is difficult to tell at all times the exact cause of this trouble. Sometimes it is due to lesions in the brain; at other times they may show nervous symptoms from intestinal trouble. I would suggest that you give her a little Epsom salts—just enough to act as a laxative, but not enough to cause physic, as it might affect the pigs somewhat. The symptoms will probably disappear in a little while.

Running Sores.

I have a horse that has had a bad leg for six months and have tried different treatments without success. The leg runs in different places all the way from the hock to the hoof. It breaks and runs just like a blood boil. What is your advice? J. F. H., Randlett, Okla.

Your horse probably has the disease known as mycotic lymphangitis or inflammation of the lymph vessels and glands due to a vegetable organism. This disease is of a chronic nature and rather difficult to treat. It usually results from infection gaining entrance through a wound on the leg. There is some little possibility of the disease being transmitted to other horses unless you are careful and keep the leg clean by applying antiseptic washes. I would suggest that you wash the leg every day with about 3 teaspoonsful of carbolic acid in a pint of water. Touch the raw spots with a little tincture of iodine every second day and give him 2 tablespoonsful of Fowler's solution of arsenic once daily for two weeks. It is possible that it is glanders and I would suggest that you get your local veterinarian to examine the animal thoroughly so as to determine which of these two diseases the horse has.

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First year put in 100 acres of wheat, which should average 20 bushels to acre; 100 acres in oats, 40 bushels to acre. Pasture, 150 acres. Houses, barns, stock pens, etc., 10 acres—leaving 300 acres of hay which would easily yield 200 tons. Profits would figure on following basis:

100 acres wheat—2,000 bushels at 75c	\$1500
100 acres oats—400 bushels at 30c	1200
200 tons hay at \$3 per ton	600
Total value of crop yield for year	\$3300
Less one first year payment of	800
Leaving balance to cover interest, improvements, living expenses, etc.	\$2500

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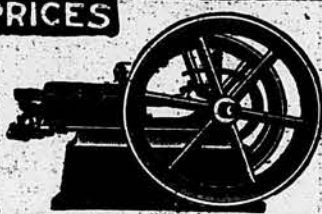
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Publisher.

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For all legislation which eliminates useless officials, clerks, commissions and boards, usually created to give jobs to political leeches and grafters.

For the civil service and merit system in the transaction of all business of the state.

For consolidation of boards and other public offices wherever possible.

For salaries for county officials instead of the present fee-grabbing system.

For a more efficient primary law, including a presidential preference, and the fullest publicity to campaign expenses and contributions, and the elimination of the slush-fund in politics.

For government by the people and not the bosses, the politicians and favored special interests.

For the election of state and county officers for a term of four years, subject to recall, and making state officers ineligible for more than one term.

For the election of United States senators and all officials by direct vote of the people, for the non-partisan election of judicial officers, and for the equal suffrage amendment now before the voters.

For abolition of life terms of office of federal judges and substitution thereof of limited terms.

For an amendment to the present inheritance tax law, exempting all direct heirs for at least \$25,000.

For the state publication of school books and distribution to patrons at actual cost.

For the Initiative, Referendum and Recall.

For a practical, sensible good roads law, that will do away with the wastefulness and inefficiency of the present system.

For the assessment of real estate every four years, and abolishment of the office of county assessor, except in counties where the office is created by vote of the people.

For less technicality and speedier justice in courts.

For legislation to increase the efficiency of the rural and grade schools.

I am opposed to the resubmission of the prohibitory amendment and am for the strict and impartial enforcement of the prohibitory law and all the laws of the state without fear or favor, for rich and poor alike.

For a law to give to a convict's dependent family a portion of his earnings while in the penitentiary.

For more farmers and business men and fewer lawyers and politicians for legislative work.

There are too many useless and foolish laws in this state. I favor their repeal or revision.

I favor prison for the big thieves as well as the small ones, and am opposed to paroles for bankers.

For substantial tariff reductions to the lowest basis that will support the American standard of wages.

For a law that will effectively stamp out the white slave traffic.

For public officials who respect their oath of office and who regard their campaign promises as a binding agreement with the people who elect them.

If you believe this is a platform farmers should vote for and support I shall be glad to have you mark it or clip it from the paper and hand it to your neighbor.

Arthur Capper.



CONDUCTED FOR FARMERS MAIL AND BREEZE BY A. G. KITTELL.

This department aims to be a free-for-all experience exchange for our folks who keep milk cows. We are glad to hear from you often. A Mail and Breeze subscription and other prizes awarded each week for helpful or interesting letters or bits of dairy news.

Close skimming means more skim-milk left on the place.

It pays in more ways than one to be friendly with the young dairy stock.

The big secret in keeping butter is to have it good to begin with, then keep it cold.

Let the cream can have the coolest place in the cellar if a tank of cold water is not available.

For a cheap but effective milk strainer nothing beats several thicknesses of cheesecloth.

The milk pail with a flaring top has been ruled out. Hooded pails with small openings are much more dirt-proof.

"The cream can is the dry-land farmer's milk ticket," says a dairy writer. Farmers in the humid sections have found the cream can a good meal ticket, too.

A good separator, when properly handled, should not leave more than .05 per cent of fat in the skim-milk. This means that but 1 pound of fat is left to every 200 taken out.

Filling a Silo the First Time.

Mr. Editor—I have just got through filling my silo the first time. I hired a cutter for \$7.50 a day and a threshing engine at \$10 a day. I also hired most of my help. Things did not go very well and we were two days filling a 14 by 35-foot silo. Some of the corn was dry and the last half day I put in alternate loads of Kafir and corn, topping out the silo with three loads of Kafir. Silos are a curiosity here and quite a few people are awaiting results, myself included. Otis Smith.

Geuda Springs, Kan.

A Cheap Way to Put Up Feed.

Mr. Editor—Start a binder the day before you begin to fill your silo. With a day's start you will be ready to fill your silo without stopping. With our cutter we can cut 30 tons an hour. It takes about six wagons to haul in the corn from the field. I plant my silo corn as close to the silo as possible, to save hauling. In this way we can put up 100 tons a day. We generally exchange work with our neighbors, and so can put up our feed cheaply. It would be much more expensive if we had to hire all the teams and pay for them in cash. Ben Schneider.

Nortonville, Kan.

The Fall Fresh Cow and Why.

[Prize Letter.]

Mr. Editor—I like to have my cows come fresh about the middle of September to the first of October. Here are my reasons:

This is about the time winter feeding begins and the cows will give a good flow of milk through the winter.

Cows and calves are not molted by flies.

The dry pastures of July and August will not affect dry cows as much as they will cows in milk.

The work of milking and feeding will come at a time when farmers are not rushed for time so much.

Hope, Kan.

H. E. Bowers.

Best Farm Paper Going.

Mr. Editor—I want to add my word of praise of Farmers Mail and Breeze. I think it is the best farm paper going. By all means keep on with the "Farm Power" column. I think it is very helpful to a good many readers.

Claude Finrock.

Darlow, Kan., June 17, 1912.

MONEY SAVING GATE BOOK FREE



GET
YOUR
COPY
TO-DAY



I want every reader of this paper to have and read my Money-Saving Gate Book. You can have one copy free if you will write me at once. This booklet tells you all about gates in general and my American Self-Lifting Galvanized Steel Gate in particular. This booklet has been, and is, proving a money-saver to thousands of farmers and ranchmen everywhere who now acknowledge my

Free

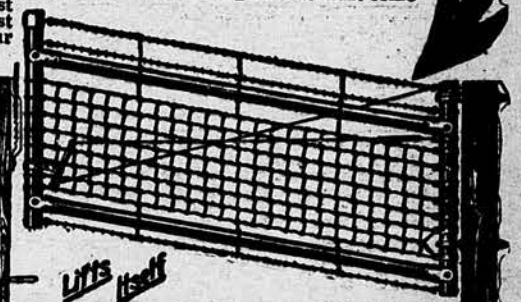
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American Self-Lifting Galvanized Steel Gate

to be the "perfect all service farm gate"—Hog-tight and Bull-strong. It has won first prize at every State Fair wherever exhibited. You must see this gate yourself to fully appreciate its many points of superiority. The 2-inch high-carbon drawn steel galvanized tubing from which the frame and couplings are made; the Automatic Equalizer which allows the gate to lift itself and swing out clear over uneven ground or snow; the Ratchet Stretcher System which insures tight wire and a rigid gate forever; the ease with which a woman or child can open or close this gate—and many other superior advantages found in no other gate.

Remember, this is the gate sold on a Three Years' Guarantee—the gate that must come up to the claims I make for it—that must be absolutely as represented—that must please you in every way, or you get your money back by simply returning the gate to your dealer. Write me today for my FREE Gate Book and name of nearest dealer where you can see this gate in operation.

A. L. Goodwin
Vice-Pres. and Gen'l Manager
The American
Farm Gate Co.
1453 Elmwood Ave.
Kansas City, Mo.



Big Money!

\$5,000 Cash Salary Contest Open to All Mail and Breeze Readers...

Also Grand Free Prize Distribution—Piano, Gold Watch, Diamond Ring, etc. In Addition to Big Cash Salary!

We are just launching the greatest popular voting contest ever inaugurated by any farm paper in America. This contest is open to all who read this announcement and it is our plan to award \$5,000 in cash salaries to be distributed among all contestants. In addition to this we will give four grand prizes, consisting of a \$350 piano, a \$100 diamond ring, a \$50 talking machine, and a \$25 gold watch. Also many special prizes to those not receiving highest votes.

The awarding of these prizes

does not interfere in any way with the cash salary paid to each contestant. You may be the winner of the largest cash salary prize and you may also be the winner of the first grand prize—the \$350 piano.

We have awarded many thousands of dollars worth of valuable prizes in other contests conducted in the past and we can give you the names of hundreds of prize winners who will tell you that all of our contests have been conducted in an absolutely fair and square manner.

You Are Sure of Good Pay Whether or Not You Win a Prize

This contest we are planning to make the greatest of its kind ever known. We believe the conditions to be easier than those of any previous contest and we believe every contestant will receive rewards of greater value, in proportion to the effort put forth, than ever before.

You do not risk one cent. We furnish full particulars and detailed information absolutely free and every prize we offer will be positively awarded at the close of the contest on Sept. 15th, 1912.

The contest is just now starting and every one has an equal chance. If you want to know the full details send your name and address at once.

Address: Contest Manager, Mail and Breeze, Capper Building, Topeka, Kan.

INFORMATION BLANK

Contest Manager, Farmers Mail and Breeze.

Please send me detailed information concerning the Farmers Mail and Breeze \$5,000 Cash Salary Contest.

My Name

My Address

My Occupation

Reliable Poultry Breeders**LEGHORNS.**

100 PURE Single Comb prize winning Brown Leghorn cockerels 75 cts. each. Chas. Dorr, Chicago City, Kan.

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BIG TYPE BARRED ROCKS. A. H. Duff, Larned, Kan.

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BUFF ROCK cockerels and pullets for sale. Promising youngsters weighing from two to three pounds. Write me today about them. William A. Hess, Humboldt, Kan.

WYANDOTTES.

WHITE WYANDOTTE hens 75c each. Mrs. M. E. Johnson, Humboldt, Kan., R. 2.

BUFF WYANDOTTES. Breeding stock in season. A splendid lot of youngsters coming on. The best bargains to those who buy early. Wheeler & Wylie, Manhattan, Kan.

SEVERAL VARIETIES.

PIGEONS. White Plymouth Rock Homers. Maym Parsons, 219 Huntoon St., Topeka, Kan.

300 FINE Single Comb White Leghorn cockerels, at attractive prices. Order early. Armstrong Bros., Arthur, Mo.

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ANNUAL SALE preceding housing. All leading varieties \$1. Premiums early. Kansas Poultry Farms, Emporia, Kan.

45 VARIETIES, poultry, ferrets, pigeons; special prices on young stock. Catalogue 3 cents. Missouri Squab Co., St. Louis.

GUARANTEED thoroughbred S. C. W. Leghorns, S. C. White and Buff Orpingtons. Write J. A. Blunn, Wichita, Kan., Sta. A.

KELLERSTRASS White Orpingtons ready for shipment. Prize winning parentage. Ask for prices. A. B. Collins, Yates Center, Kan.

BRED FOR EGGS AND MEAT. Bellevue strain of White and Columbian Wyandottes, S. C. White Leghorns, and Light Brahmas. Stock for sale. Over 30 years in business. Michael K. Boyer, Box T, Hammonton, Atlantic county, New Jersey.

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Complete \$75.00

We have now a lighting plant consisting of a high grade gasoline engine which can also be used for running washing machine, churn or any small machinery; an electric generator which will light your house and barn, run small motors, and a switchboard with all necessary instruments and fuses. All mounted on one base ready to run. Write today. **BARBER-DWINNELL CO.**, 411 East 19th St., Kansas City, Mo.

Turkey Red Winter Wheat

Do you know that during the past five years the Iowa farmers had a greater income per acre from Winter Wheat than from their Corn Crops? Do you know that during that same period the Iowa Experiment Station tested different varieties of Winter Wheat and found Turkey Red the heaviest yielder and therefore the best. Remember we have but one quality—the best. We positively guarantee that you will be pleased with our Special Selected Turkey Red Winter Wheat Seed. Sample and price cheerfully sent upon application. Write us today. **GALLOWAY BROTHERS-BOWMAN COMPANY**, 2025P Galloway Station, Waterloo, Iowa.

FARM FENCE

11 1/2 cts. a rod for a 26 in. high hog fence; 16 1/2 cts. a rod for a 36 in. high stock fence; 20 cts. a rod for a 42 in. high heavy poultry fence. Sold direct to the farmer on 30 Days Free Trial. Special barbed wire, 50 rod spool, \$1.40. Catalog free. **INTERLOCKING FENCE CO.**, BOX 25, MORTON, ILLINOIS.

HOG FENCE

26 inches 16 1/2 cts. a rod for a 36 in. high hog fence; 16 1/2 cts. a rod for a 36 in. high stock fence; 20 cts. a rod for a 42 in. high heavy poultry fence. Sold direct to the farmer on 30 Days Free Trial. Special barbed wire, 50 rod spool, \$1.40. Catalog free. **INTERLOCKING FENCE CO.**, BOX 25, MORTON, ILLINOIS.

"Magic Picture and Post Card Reflector" FREE

This wonderful machine will reflect any post card, picture, newspaper clipping, photo or object such as watch works, postage stamps, etc., in natural colors, magnified many times! The greatest little entertainer ever offered. No expensive slides or films to buy. Hundreds of pictures free by simply cutting them out of newspapers, etc. Send us your name and address and we will send you, prepaid, 16 Enamelled Art Pictures. Distribute the 16 pictures among 8 friends—a whole year's reading and 8 pictures for only 25c. When pictures are all distributed send us our \$2 and we send the "Magic Picture and Post Card Reflector" and 25 Handmade view post cards ALL FREE AND PREPAID. Only 2,000 Reflectors to be given away on this plan. Send your name and address at once. **MAGIC REFLECTOR CO.**, 108 Copper Bldg., TOPEKA, KANSAS

Poultry Keeping

CONDUCTED FOR FARMERS MAIL AND BREEZE BY REESE V. HICKS, PREST. AMERICAN POULTRY ASSOCIATION.

We want you to talk chicken with us. Good short letters on poultry matters especially welcome. A year's subscription to Farmers Mail and Breeze is awarded each week for the most helpful bit of poultry experience, and for second and third best contributions subscriptions to other useful publications. Keep something in the grit box.

Poultry keeping is a business of quick profits.

Suggestions of fall weather are reviving egg prices.

Plowing up runs and yards is a seasonable job any time.

Two or three applications of kerosene to scaly legs makes as sure a remedy as can be found.

Chaff about straw stacks makes good scratching litter and the sooner it is hauled up the better it will be.

Two weeks' cooping on fattening feeds will add considerable weight and profit to fowls intended for market.

Lining nest boxes with newspapers makes it easy to lift out litter, paper and all. Then set a match to it.

If you are installing some handy knack in that new poultry house why not send in a sketch and description for this page?

Both lice and disease germs may be gotten rid of at one operation by fumigating the poultry house with burning sulphur.

It sometimes happens that pullets are fed too heavily at the start in our eagerness to get them to lay well. Too much fat means a setback in laying.

Blames the Commission Men.

Mr. Editor—The consumer howls about the bad eggs he gets in summer, and why? Because the first-class eggs are candled out and sent to the cold storage men, as only perfectly fresh eggs put in storage will come out good. So the consumer complains to the grocer, the grocer to the commission man, the commission man to the country merchant and the merchant goes after the farmer. But the commission man is the one to blame, and not the farmer or country merchant, for he knows he has robbed the cases of their choicest eggs while the consumer must be content with second grades.

Why would not a candling station pay? Then nothing but fresh eggs would get to the city, the commission man would make more money because his handling expense would be less. He should also pay more for eggs, then, and if he should refuse let the country merchant ship direct to cold storage and run an ad in the city papers offering strictly fresh eggs at the merchant's price plus storage charges. Grocers and hotels would find this a good way to get their eggs.

Understand me, I am only speaking of commission men who store eggs. Some of them dispose of their eggs as soon as received and never store. Barnes, Kan. W. H. Shields.

Another Use for Moth Balls.

Mr. Editor—I use moth balls in the hens' nests to drive out lice and mites. When I set a hen I put in new straw and a fresh supply of moth balls, one in each corner and one or two in the center in the straw. During the last two years I have bought 4 pounds of moth balls at 8 cents per pound and still have some on hand, so you see this method is not expensive. I have also been told that boring holes in the roosts and dropping a moth ball in each will drive lice off the fowls. The balls get in their work while the fowls are roosting over them at night. Mrs. C. A. Williams.

Bovero, Colo.

Trial trip until January 1, 1913, for 15 cents, Mail and Breeze, Topeka, Kan.



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Largest and best business college in the West. Capacity 1000 annually. Write for catalog.

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Strongest corps of bookkeeping and shorthand teachers in the West. New quarters. **YOUNG WOMEN'S CHRISTIAN ASSOCIATION BLDG.**, 1015 McGee St., Kansas City, Mo.

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A practical school with railroad wires. Owned and operated by A. T. & S. F. R. Ry. EARN FROM \$50 TO \$165 PER MONTH. Write for catalogue. **SANTA FE TELEGRAPHY SCHOOL**, Desk G, 505 Kansas Ave., Topeka, Kan.

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Learn to operate and repair automobiles. Training on vulcanizers, drill presses, lathes. Pattern making, moulding, brazing and driving. Free catalogue. **LINCOLN AUTO SCHOOL**, 2350 O St., Lincoln, Neb.

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Why buy a "pig in a poke" by "signing up" before you have investigated the leading schools and have "seen for yourself" that you are entering the best school? Why does the best school always urge this investigation? Why do we urge it? Write now—right now to **W. G. PRICE, Pres.**

Learn to be An Auto Expert

Six weeks from the day you commence your studies in this great practical school you will be able to repair any make of automobile and drive any car on the market. Big demand for our graduates as Repair Men, Salesmen, Drivers, and demonstrators. Automobile companies and owners need competent men.

Earn \$75 to \$200 a Month

Auto experts make \$75 to \$200 a month—many a great deal more. The Road Expert for the Studebaker Auto Company is a graduate of this School, so is the Master Mechanic of the Winton Motor Car Co. Scores of our graduates hold responsible positions. There is a great opportunity for you. Learn this profitable business. Others get big salaries—why not you? **BIG FREE BOOK.** Write me today for my Big Free Book and Special Tuition Price. Good Board and Room near the school at special low rates to our students. Address **H. J. RAHE, President**, **AUTOMOBILE TRAINING SCHOOL**, Largest in the World. 1160 Locust St., Kansas City, Mo.

Stannard's Processed Crude Oil Kills Lice and Cures Mange.

One application of my Processed Crude Oil will do more to rid your stock of lice and cure them of mange than three applications of any other preparation on the market, for the reason that it kills the nits as well as the lice, and remains on your stock for so long that it thoroughly cures them of mange. Put up only in 52 gallon barrels, and sold for \$5.00 per barrel. Why pay \$1.00 per gallon for a 52 when you can get the best for less than 10c per gallon? My **PURE CRUDE OIL** is an excellent lubricant for all kinds of farm machinery and for painting farm tools to keep rust off. \$3.50 per barrel of fifty-two gallons. See my advertisement of refined oils at wholesale prices in next week's issue. Send cash with order. Address **C. A. Stannard, Box M, Emporia, Kan.**

FREE BOYS! We Give You This WATCH, FOB and RING

THIS watch is not a cheap toy, but a beautiful, high-grade, regular 16 size, man's watch—a new, light, thin, open face model, with handsome gun metal case; guaranteed American movement; stem wind and stem set; gold plated winding stem; minute and second hands, just like all high-priced watches. Each watch thoroughly tested at factory and warranted a perfect timekeeper. Your own initial engraved on the back in beautiful gold lettering. We also give you a beautiful Swastika fob and elegant Gold Signet Ring, warranted for five years, if we hear from you quickly. **Just Send Your Name—No Money** DON'T send us one cent—just your name and address. We then send you, all charges paid, eight of our high-grade 12x16 Enamelled Art Pictures to distribute among your friends. In connection with our special offer. Then send us money collected, and we will send you this elegant Watch, Fob and Ring, absolutely free. Only one watch given in a neighborhood, so don't delay. We send money back to you if you are not more than delighted. Address at once, **BOYS' WATCH CLUB, Dept. M.E., TOPEKA, KAN.**

A Method of Summer Fallowing

BY CONRAD KRUEGER.

[Written for Farmers Mail and Breeze.]

As per your request I will give Mail and Breeze readers my way of growing wheat as I explained it at the Hays dry farmers' meeting. I practice a method of summer fallowing that I adopted years ago and the results I have obtained with it prove it to be successful. I grow the Kharkof wheat and in recent years my yields have averaged as follows: In 1906, 1907, and 1908 45 bushels per acre each year; in 1909, 30 bushels; in 1910, 40 bushels; in 1911, 27½ bushels, and I estimate my unthreshed 1912 crop will make 40 bushels.

Let the Stubble Stand.

I select my wheat land in the fall and let it lie all winter with stubble and trash on it. This catches all the snowfall of the winter and holds it until it melts. It is also a good wintering place for insects. In the last days of March or first of April I set fire to the field, which destroys the insects as well as fungi. I immediately double disk the field east and west with a John Deere disk, before the ashes can blow away. This also covers the weed seeds which the fire has not destroyed.

By the end of May or first of June there will be from 4 to 6 inches of weeds on the field. These are plowed under and form an excellent green manure. Young, green plants plowed under will rot very quickly and in so doing help dissolve the minerals needed for the proper development of a growing crop. The plant food in these weeds was not all taken from the soil; most of it came from the atmosphere. So this is one instance where the farmer can make good use of the despised, useless weeds for they will enrich both his land and himself.

Catching the Midsummer Rains.

The plowing before harvest and leaving the soil rough will catch the midsummer rains and store moisture in the subsoil. Soon after harvest there will be another crop of green weeds to turn under and the younger they go into the soil the more easily they will be digested and converted into available plant food. This second plowing must be an inch or two deeper to make the plow scour.

All plowing ought to be done east and west and never around the field as the turning corners will never show as good a stand of wheat as the rest of the land. If the second plowing is done as early as the last of July or first of August a disking will be necessary to keep the weeds from getting too green before seeding time. The disking is done east and west as well as the drilling. I do not sow before September 15 and use well selected seed at the rate of 3 to 4 pecks per acre. Brother farmers, if you have put in your wheat this way, sit down and rest and let the Lord bless your work.

"Warnow Ranch", Pfeiffer, Kan.

Krueger Leaves the Stubble

AN ERROR CORRECTED.

In the account of the Hays dry-farming convention, given in last week's Mail and Breeze, an error was made in describing Conrad Krueger's methods of wheat farming. Instead of burning the stubble after harvest, as told in the article, he leaves stubble and weeds on the ground over winter to catch the snows. About the last of March he burns off all trash and follows this immediately with a double disking.

Harvesting a Peanut Crop

BY H. P. FISHER.

[Written for Farmers Mail and Breeze.]

I put in 25 acres of Spanish peanuts last spring. I harvested some of them for feed the first of August and you would hardly believe what a small amount of these nuts it takes to keep pigs in growing condition. The pigs will not eat the vines, but fairly go wild over the nuts, while horses and mules like the vines but do not seem to care much for the nuts. They will eat a few nuts but it does not take many to furnish a good deal of substance as they are very rich. My mules eat the vines and try to break the nuts off over the edge of the manger but not

having much luck at that they eat a good many nuts and they surely get fat on them.

Look Small in the Stack.

A man who has never raised peanuts before would think he had very little return for his labor, to see them in the stack. Five acres in a stack look as though it would hardly be a shotgun. But you will find that little stack has more feed in it than you ever saw in a stack of feed of that size and before you get through feeding it, you will think it is going to last forever. They should be fed with some roughness as they are more like a grain than a forage. Even the vines without the nuts should not be fed alone as stock is likely to stall on them sometimes. Horses and mules do not seem to eat much of

the hay, but just watch them grow.

Different methods of harvesting the nuts are in use here. Some use a sod breaker and cut the roots just below the nuts. This also loosens the ground and leaves the vines so they may be easily picked up or raked. Others have a tool made by the blacksmith with which they cut the tap roots, while a few simply pull up the plants by hand.

A Potato Digger Does Well.

I used a potato digger which to me seems to be the best way of all. I took off the shaker rods and the vines were left lying on top of the ground, free from dirt except what stuck to the nuts. In certain kinds of soil the dirt sticks to the nuts no matter how you dig them. The vines should not be allowed to dry enough so the leaves will shatter off.

They should be raked up in bunches and left to dry out when they may be handled with small loss of leaves. Any little moisture will turn the leaves brown after the vines have been cured but this does not seem to hurt them.

Now Mr. Editor, you could do no better thing for the farmer with sandy land, than to keep pounding away at him until you get him to try Spanish peanuts.

Provident City, Tex.

Floors of Gravel and Oil.

Mr. Editor—Will your reader who knows kindly give directions through the paper for making solid floors in poultry houses, with gravel and oil? I read of this somewhere and it was spoken of as being superior to cement as it was not so cold for the chickens' feet.

Americus, Kan.

L. L. S.



A story your Great Grandfather knew

More men smoke "Bull" Durham than all other high-grade brands combined.

This great popularity is not a sudden spurt. It is not the fad of a minute. It is not due to fancy packages, big claims, nor eloquent salesmen. Chances are your great-grandfather's pipe held nothing else. For "Bull" Durham has held first place in the affections of American smokers for more than 52 years. Three generations have called it the best.

GENUINE
"BULL" DURHAM
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Forty "rollings" in each 5c muslin sack

is the purest form of tobacco you can smoke. It is made from the choice, tender leaves of bright golden Virginia and North Carolina tobacco—with all the delicious flavor, unchanged by adulteration or fancy processes—with quality and quantity undiminished by an expensive, gaudy package.

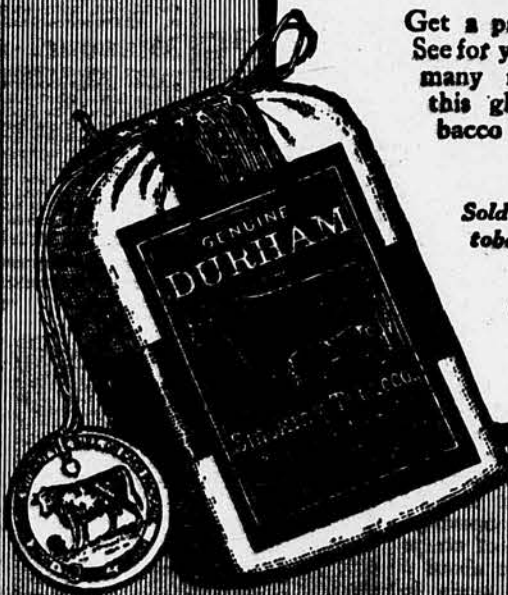
These are some of the reasons why millions of loyal "Bull" Durham smokers buy it, and smoke it, and stick to it year after year. They have learned how much better a cigarette is when they roll it themselves from good "Bull" Durham. They know how good it is in a pipe.

Blackwell's Durham Tobacco Co.

Get a package today. See for yourself why so many millions prefer this glorious old tobacco above all others.

Sold by practically every tobacco dealer in the U.S.

A book of "papers" free with each 5c muslin sack.



The WOMEN

Conducted by



FOLKS

Mabel E. Graves

We want this department to be of practical use to the women who read Farmers Mail and Breeze. If you have any favorite recipe, any helpful hint, whether it concerns the family, the kitchen, the children, the house; or if you have anything to say which would be of interest to another woman, send it to the Home Department editor. Prizes for the three best suggestions received each week will be, respectively, a set of triple-plated teaspoons in the beautiful Narcissus design, a year's subscription to the Household magazine, and a year's subscription to the Poultry Culture magazine.

Egg White for Burns.

A good cure for burns is the white of an egg and sweet oil. If one does not have the sweet oil, good pure lard can be readily used instead. Mix the lard and white of egg together to form a salve.

Helen A. Syman.

Pittsfield, Mass.

A Secret in Cake Making.

One of the greatest secrets of fine cake making lies in the baking powder used. Cream of tartar powder is the best. If the baking powders on the market which contain this ingredient seem too expensive buy your own cream of tartar and make your baking powder yourself, using 2 parts of the cream of tartar to 1 part of soda. This makes a fine baking powder. Never use a cheap baking powder. It is injurious.

Dr. Millie Perry Simpson.

Fredonia, Kan.

The Handiest Wood Box.

[Prize Letter.]

My wood box built into the wall I consider one of the most helpful devices on the farm. It can be filled from the outside and saves so much tracking in of mud. If built near the range and covered with zinc you have a nice place for hot kettles and pans. If built in the sitting room under a window, by covering it with cretonne it makes a nice window seat, and in summer the part on the outside makes a nice shelf for plants.

Mrs. S. D. McCaleb.

R. 2, Vinita, Okla.

Fruit Juice for Summer Drinks.

I have not seen the wild cherry mentioned in the Mail and Breeze. If you want a nice, healthful drink for summer seal up some bottles of the wild cherry juice. After the cherries are washed and drained pick them from the stems, put in pan with just enough water to keep them from sticking, cover and let come to the boiling point. Take off from fire, cool, and strain through a strong cotton bag. Put juice in pan with 1 pint of sugar to 1 gallon of juice, let boil well for 5 minutes, then bottle and seal. When cool dip the tops in melted paraffine. Or it will keep in cans the same as fruit.

Grape juice is nice put up in the same way. I have two granite pans which I use for fruit only. I put the ripe grapes in the smaller pan, set it in the larger pan which is filled with boiling water and let grapes come to the boiling point.

Visit K.C. at JONES Expense

We will pay your Railroad Fare to Kansas City and back home at the rate of 1 mile for each \$1 you spend in this store.

Our seventy-two wonderful shops under one spreading roof offer you everything from needles to farm wagons at the lowest known special prices, and you get your Railroad Fare to Kansas City and back home again refunded FREE—one mile for each \$1 you spend.

Open a charge account at Jones'. \$2.50 in goods Free for Surety Coupons given with 10c purchases.

Jones pays the freight within 200 miles on mail orders for \$5.

Write Adv. Dept. for further free information on trip to K. C.

THE JONES STORE CO.
Kansas City's Profit-Sharing Store.

The grapes are stirred often, and when cool I press them through a cotton bag. The juice is returned to the pan with 1 cup of sugar to each quart of juice, let boil 10 minutes, and sealed in bottles or cans. Then I empty the bag into a pan of water, take out the pulp—which is free from skins and seed—and cook with the same measure of sugar until the sirup is thick, then put in jars and cover with paraffine. With a little lemon juice added this makes a nice substitute for cherry preserves.

Subscriber.

R. 3, Mound Ridge, Kan.

Designs for Pincushions.

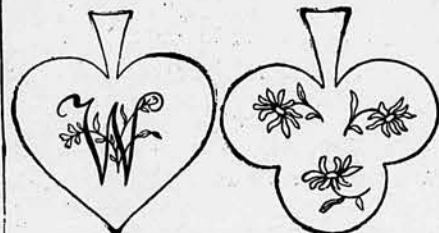
[Prize Letter.]

The card designs for club, diamond, spade and heart are good for pincushions. They can be made of any nice



EMBROIDERED PINCUSHIONS.

cloth or of silk, but when silk is used it must be taken double. They can be embroidered with some flower or letter or the design can be painted instead of embroidered. Finish with a tiny ruffle



CARD PINCUSHION DESIGNS.

of the goods or with a bit of lace and hang with ribbon. The four cushions are pretty hung together, the ribbons tied in one knot. If hung together each cushion need not be more than 3 or 3 1/4 inches when finished.

Elgin, Iowa.

Mrs. John Sutter.

A Mother's Work Apron.

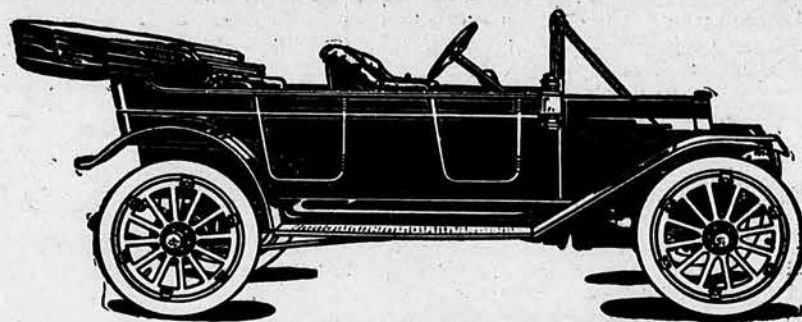
I have a useful apron which I cut by the usual all-over apron pattern, the only difference being that it is made with bust openings, over which are stitched pieces 2 inches wide cut on the bias. These strips begin at the shoulder seam, half way between neck and sleeve seam, and are brought down over the openings. The front edge of straps is left open for about 6 inches, and is made to button with three small buttons. The straps are made secure at the waist line on the under-arm seam, then the ends are allowed to extend to back of apron, where they are buttoned with one button. This pattern requires, for 32-inch bust measure, 5 1/2 yards of apron gingham.

Mrs. B. K. Cavendish.

OUR SPECIAL OFFER.

To new subscribers: The Farmers Mail and Breeze until January 1, 1913, for 25 cents. Call over to your neighbor or hail him as he passes on the road, if he is not a subscriber to The Mail and Breeze, and tell him about this special offer. Earn your own subscription. If for 15 cents. Call over to your neighbor and the \$1.05 collected we will extend your time 1 year.

K-R-I-T



Model "K" Touring Car, Fully Equipped—\$900

Equipment includes three oil lamps, two gas lamps, generator, top with side curtains and top cover, windshield, horn, demountable rims, with spare rim, tool kit with jack and tire repair outfit with pump.

Judge the K-R-I-T as you would judge a horse

You don't buy a horse on the say-so of the man who has it to sell.

No. You look the animal over thoroughly to discover all his good points.

You put him through his paces to see what he can do on the road and on the farm.

We want you to judge the K-R-I-T the same way—not on our say-so, but on what you see in the K-R-I-T and on what it shows you it can do.

Match it up against any or all other \$900 cars, or against cars even up to \$1500 if you like—we have nothing to fear from such comparison.

Why? Because the K-R-I-T at \$900 gives you more actual value, that

you can see and recognize, than many cars of higher prices.

It has all the power you'll ever want or need—on any road or hill you'll travel.

It gives generous comfort and room to its five passengers.

And it costs a good deal less to run and keep because it hasn't the excess weight of a large car.

Find these things out for yourself by going to the K-R-I-T dealer in the nearest town; or telephone him to bring the car out to the farm.

He'll be glad to show you the car, either in town or at your home.

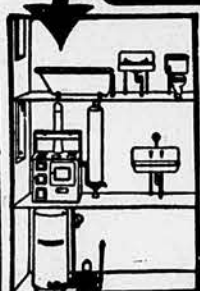
If you can't locate the K-R-I-T dealer, write us. Write anyhow for the catalog.

Other Models

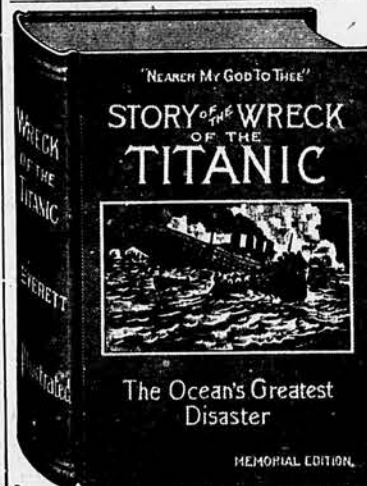
Model "U" Underslung Roadster	\$1000
" " "KR" Roadster	900
" " "A" " "	750
" " "KD" Covered Delivery	900

KRIT MOTOR CAR COMPANY, 1015 E. Grand Boulevard, Detroit, Mich.

YOU OWE THIS TO YOUR WIFE



—don't let her carry water from the pump. Have running water—hot and cold—in the kitchen, bathroom and laundry. Plenty of water all the time—just when you want it. All the comfort and convenience of a city home at a small outlay by installing a Missouri Air Pressure Water System on your farm or country home. In addition to the personal convenience it affords, it also provides your property with fire protection. A simple turn of the faucet gives you a steady stream of water—right where you want it. The fire in the kitchen range keeps a plentiful supply of hot running water without incurring extra expense. Complete Water Systems as low as \$37.50, simple plans and instructions sent with each system. You can install it yourself. Buy from the Manufacturer Direct and save from 33 1/4 to 50 per cent. We make and carry every item known to the plumbing goods business. No matter what it is—we have it. Send today for our Mammoth Catalog containing hundreds of bargains in plumbing materials. FREE. MISSOURI WATER & STEAM SUPPLY CO., 1111 6th St. Joseph, Mo.



The Thrilling Story of the Wreck of the Titanic

The Most Appalling Marine Disaster in the History of the World!

The steamer Titanic, largest and most luxurious vessel in the world, on her first ocean trip, crumples her steel prow against an iceberg and in four hours the great floating palace sinks with 1600 persons aboard. Numbered among the victims were some of the world's multi-millionaires and men identified with the world's greatest activities.

1600 Human Lives And \$35,000,000 LOST!

Mothers and children were torn from husbands and fathers; sisters were separated from brothers, and forced to view their untimely deaths—that is the harrowing tale of the sinking of the Titanic. But there is also the valiant side of this tragic story—Following the chivalry of the sea in caring for the women and children first, is a story of self-sacrifice and heroism such as no page in history records, and is a glorious tribute to twentieth century civilization. The whole story is told by survivors in this authentic book which is lavishly illustrated with full page pictures showing the scenes of the sinking of the Titanic and the work of rescue. A big book of 320 pages—in cloth binding.

We have 500 copies of this great book to be distributed among the first 500 who accept this offer: Send \$1.25 to pay in advance for a 15-months' subscription to Mail and Breeze—new, renewal or extension, and we will send you one copy of this big book free and post-paid. Only 500! Clip out and use this coupon NOW!

MAIL AND BREEZE, TOPEKA, KANSAS

Mail and Breeze, Topeka, Kansas:

I enclose \$1.25 to pay for a 15-months' subscription to Mail and Breeze. You are also to send me, free and prepaid, one copy of the Great Titanic Book.

Name.....

Address.....

This Great 320-Page Cloth-Bound Book FREE!

HOME DRESSMAKING

These patterns may be had at 10 cents each from Farmers Mail and Breeze.



- 2882—Sack Apron, four sizes, 32, 36, 40, 44 inches bust measure.
 5882—Empire Kimono, sizes 32, 36, 40, 44 bust measure.
 5886—Child's Night Dress, closed in front or back, and made with draw string, cut in size 1 yr.
 5882—Ladies' Waist, 6 sizes, 32 to 42 inches bust measure.
 4625—Semi-Princess Dress, four sizes, 6 to 12 yrs.
 3117—Boys' Shirt Blouse, seven sizes, 4 to 16 yrs.
 4164—Work Apron, four sizes, 32, 36, 40, 44 bust.
 5896—Child's Sunbonnet, cut in one size.
 5916—Ladies' Shirtwaist, with applied front yoke, six sizes, 32 to 42 bust.
 4784—Girls' Dress, four sizes, 6 to 12 yrs.

USE THIS COUPON FOR PATTERN ORDERS.

Farmers Mail and Breeze, Pattern Department, Topeka, Kan.

Dear Sir—Enclosed find cents, for which send me the following patterns:

Pattern No. Size
 Pattern No. Size
 Pattern No. Size

Name

Postoffice

State

R. F. D. or St. No.

BE SURE TO GIVE NUMBER AND SIZE.

Farm Woman's Vacation Trip.

How many of the Kansas women have had an outing this summer? You have visited your near relatives, and taken the children to several picnics. You cooked for one day before each picnic and washed and ironed for two days after; so after all it wasn't much of a picnic for you. I think you had better let grandmother or Aunt Mary take care of the children for a few days, put on your most comfortable shoes and dress and go with your husband to the "Roy-

al," which opens October 7. Spend one day, and two if you can, looking at the most beautiful stock of the whole country. Don't be afraid you will be the only woman there, or that it will not interest you. They have chickens as well as stock. The best outing we ever enjoyed was at the Kansas City Royal. Mrs. William F. Speer.

Muscotah, Kan.

Housekeeping As a School Study

BY MRS. M. BROWN.

What is it to live? Not simply to exist, certainly, but to get out of life the best there is in it. And, so intimately connected is mental efficiency with physical health that one cannot be at his best mentally unless the body is in tune. The body is the machine the mind uses.

To keep the mind's machine bright and clean and in good running order it must have properly prepared food; it must have pure air and sunlight; it must be properly protected with clean clothing; and in securing most of these some money must be spent.

The science of domestic economy is as old as the book of Proverbs, in which one may read, "Every wise woman buildeth her house; but the foolish one plucketh it down with her hands." Some women have the "building" gift almost as second nature; others acquire it only after many mistakes and losses, and many never acquire it at all. Women who cannot plan, who cannot manage, are responsible for a great deal of poverty and suffering, for a vast deal of inefficiency, and indirectly for crimes that result from inefficiency. But the daughters, even of such women as this, can in the wholesome atmosphere of the public school where domestic science is taught, gain proper standards of living.

When mothers object to their daughters' giving valuable school time to learning how to cook and sew, how to scrub sinks and kindle fires, on the ground that they themselves are quite competent to teach these things, they forget the other daughters who are not so fortunate as theirs. And it sometimes happens that even mothers who are good housekeepers and good cooks do not, or cannot, impart what they know to their children. The teacher of domestic science has the advantage in that she has studied how to teach in addition to her other accomplishments.

However, the majority of mothers approve the teaching of domestic science in the schools. They find that it makes the children more helpful in the home, that it tends to lift housework out of the disfavor in which it is often held by doing away with the drudgery. The children enjoy it more than play, and at the same time they are learning how to live. Another beneficial result is that the school home study affords opportunity for teachers and mothers to get closer together. And on this common ground the teacher can sympathize with the mother and the mother with the teacher, and in this better understanding they, as well as the children, see life not in sections as heretofore, but in its unity.

R. I. Horton, Kan.

They Were Needed.

"I hardly knew your father," said the district visitor pleasantly, to the little girl. "He's cut his beard off again. That's three times since a year ago." The little girl explained: "It ain't father done it. Father likes his beard on. But muvver's stuffin' the sofa."—London Chronicle.

Four Big Papers For \$1.10

The Mail and Breeze is enabled to make the biggest clubbing offer it has ever had, and for only \$1.10 will send all four of the following papers for one year each:

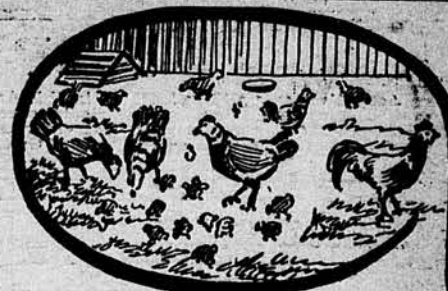
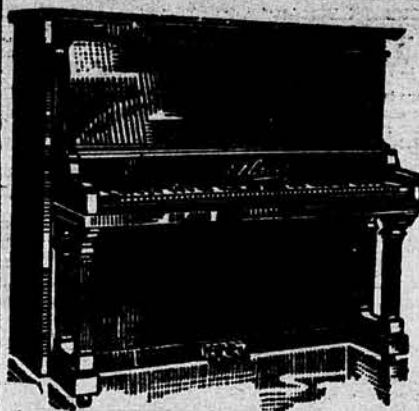
The Mail and Breeze, of which nothing need be told our own subscribers or those reading this copy of the paper. It speaks for itself.

The Household, a large family magazine, containing the choicest stories and departments of particular interest to lady readers.

The Kansas Weekly Capital, the oldest and best weekly newspaper in the entire Southwest.

The Missouri Valley Farmer, a big monthly farm and agricultural paper which should be read by every farmer. No liquor advertising is printed in any of these papers.

Remember, all four of these big papers will be sent to one address or to four different addresses if so desired for only \$1.10. If you are a subscriber to any one of these papers your time will be advanced another year. You will be supplied with the best class of reading matter for a full year. Don't fail to mention the names of these papers in sending in your order. Send your order to the Mail and Breeze, Topeka, Kan.



A Dozen of Your Hens Can Easily Earn This Beautiful Piano

\$1.50 Per Week

Will buy the Elburn H-2. Positively worth \$225 \$50 to \$150 more than we ask, our price only \$225

Gentlemen—Received the Elburn piano a few days ago, and am very much pleased with it. We had an Elburn piano at home. When I was married and wanted a piano for my home I wanted an Elburn because I like them better than anything I know, so this makes the second Elburn Piano. Respectfully, MRS. GEORGIA LOGAN, R. F. D. No. 2.

You Don't Pay a Cent Until You Are Convinced by Trial of the Remarkable Beauty and Merit of This Piano.

—We send it to you absolutely free. You pay no money until the piano is in your home and your friends have thoroughly tested it. We say this piano is actually worth from \$50 to \$150 more than our price, judged by prices obtained by other dealers. Every day sees the popularity of this piano grow. Thousands of Elburns are in Southwestern homes. You can trust the piano and you can absolutely trust the word of the dealer who sells it. Any bank or business house in Kansas City will tell you the reputation Jenkins has for integrity, lowest prices and best pianos. Why not write for a catalog today? We also have many choice bargains on hand in slightly used pianos from \$50 up. (Small monthly payments). Write today.

J.W. Jenkins' Sons Music Co., Kansas City, Mo.



98 cents

To advertise our business, make new friends and introduce our great catalogue of Elgin watches we will send this elegant watch to any address by mail postpaid for only 98 cents. Regular gentlemen's size, open face, full engraved, high grade gold plate finish, Arabic or Roman dial, lever escapement, stem wind and stem set, a marvelously correct timekeeper and fully guaranteed for 5 years. Send this advertisement to us with your name and address and 98 cents and watch will be sent by mail postpaid. Satisfaction guaranteed or money refunded. Send 98 cents today. Address R. E. CHALMERS & CO. 636 So. Dearborn St. CHICAGO

6 Beautiful Narcissus Silver Tablespoons FREE

To Match Our Teaspoons

Extra Special 20-Day Offer To Mail and Breeze Readers!

Here is a chance for every housewife who reads the Mail and Breeze to secure absolutely free a set of 6 of our famous Narcissus Silver Plated Table Spoons. During the past 5 years we have given away thousands of sets of these beautiful table spoons, but never before have we been in a position to make such an attractive offer as we are now making to the women folks who read the Mail and Breeze.

Owing to our large purchases we have secured a price on these spoons which we believe is about one-fourth the price any local dealer would ask for the same grade of goods.

We have searched through the silver plate markets of the world and have never been able to find, at anything near the same cost, goods of such remarkable wearing qualities and of such beautiful design as this justly famous Narcissus set.

Full Standard Length and Weight

These are not small sized dessert spoons which are usually offered as premiums. These spoons are all full standard table spoon size, 8 1/4 inches long—handle 5 1/4 inches long, bowl 3 inches long and 1 1/4 inches wide. They are silver plated and handsomely engraved and embossed in the beautiful Narcissus design, same as the Narcissus teaspoons which we have been giving away for more than two years. Bowl is highly polished and the handle finished in the popular French gray style. The Narcissus design extends the full length of the handle on both sides. The gray finish of the handle contrasts with the bright polished bowl and produces an effect that is decidedly pleasing.

We could send you hundreds of enthusiastic letters from those of our readers who have received these spoons on other offers we have made in the past. We know they will please you, too—and if they don't you can send them back within 5 days and we will cheerfully refund every penny of your money.

Here Is Our Offer:

For the next 20 days, or as long as our supply lasts, we will give one set of 6 Narcissus Table Spoons free and postpaid to all who fill out the coupon printed below and send \$2 to pay for a three-year new, renewal or extension subscription to Farmers Mail and Breeze.

We will send one set free and postpaid for three one-year subscriptions to the Mail and Breeze at our regular rate of \$1 per year. One of these subscriptions may be your own renewal, but the other two must be new subscriptions.

If you want to be sure of securing one of these beautiful sets before our offer is withdrawn clip out the coupon and send it in today. Address

FARMERS MAIL AND BREEZE, TOPEKA, KANSAS.

Use This Coupon Now!

Publisher Mail and Breeze, Topeka, Kansas.

I am enclosing herewith \$2 to pay in advance for a three-year subscription to Farmers Mail and Breeze. You are to send me as a free premium, postpaid, one set of 6 full size Narcissus Silver Plated Table Spoons.

This is a (new) (renewal) (extension) subscription.

Name

Address

(If you send 3 one-year subscriptions use a separate sheet of paper for the 3 names.)

FARMERS CLASSIFIED PAGE.

Advertisements will be inserted in this department at the low price of 5 cents per word each insertion for one, two, or three insertions. Four or more insertions only 4 cents per word each insertion. Cash must invariably accompany the order. Remit by postoffice money order. No order taken for less than \$1. This does not mean that a single insertion of your ad must cost \$1, but that your total order must reach \$1. All advertisements set in uniform style. No display type or illustration admitted under this heading. Each number and initial letter counts as one word. Guaranteed circulation over 104,000 copies weekly. Everybody reads these little ads. Try a "Farmers Classified" ad for results.

HORSES, CATTLE, HOGS, SHEEP.

PEDIGREE Poland China boar pigs. W. Richmond, Argonia, Kan.

REGISTERED Tamworth hogs for sale, either sex, various ages. Frank Franklin, Winita, Okla.

FOR SALE—Registered Shropshire rams and ewes; also Scotch collie puppies. W. T. Hammond, Portis, Kan.

REGISTERED Merinos, wonderful heavy shearers, 75 ewes, 25 rams, also 2 herd rams. R. E. Botts, Meadville, Mo.

FOR SALE—75 head registered Short-horns. The good Collie bull Engle Prince at head of herd. P. I. McEchron, Princeton, Kan.

FOR SALE—Six registered Shropshire rams. Good breeding; fine large individuals. Will please you. G. M. Fisher, R. R. 4, Wichita, Kan.

SHROPSHIRE—Iowa's pioneer breeders and importers. Established 1858. Registered yearlings and 2-year-olds from home bred and imported dams. 80 registered 4-year-old ewes, superior quality, farmer's prices. Satisfaction guaranteed. Dan'l Leonard & Sons, Corning, Iowa.

SEEDS AND NURSERIES.

ALFALFA seed at \$6 per bushel. J. Mulhall, Sioux City, Ia.

CHOICE seed Mammoth White rye. Lawn-ale Seed Farm, Hlawatha, Kan.

WE ARE always in the market for alfalfa seed. Submit samples when any to offer. Binding-Stevens Seed Co., Tulsa and Muskogee, Okla.

GINSENG and Golden Seal! Enormous profit. Free circular tells how; big book 4c. 20 breeds "bred-to-day" poultry. Harry E. Ruble, Albert Lea, Minn.

NEW CROP white-sweet-clover seed, 4 lbs. by mail, prepaid, \$1.12; 50 to 100 lbs., 15c per lb., hulled; unhulled, 3c less. Alfalfa seed, same price. R. L. Snodgrass, Augusta, Kan.

KHARKOF seed wheat. Raised on upland. Averaged from 30 to 40 bu. per acre. College inspected. Recleaned and graded. \$1.50 per bu. including new sack, f. o. b. Rock Island or Santa Fe. Car lots cleaned but not sacked at \$1.10. C. W. Taylor, Pearl, Kan.

FOR SALE.

TELEPHONE plant for sale or trade. S. E. Holmes, Yates Center, Kan.

FOR SALE—Engrave name on knife blade and harness outfit 10c. Relchart Electro Mfg. Co., Lafayette, Ind.

10 H. P. Skinner & Wood portable-stationary steam engine and boiler at a bargain. E. A. Gardiner, Eskridge, Kan.

GENUINE Para Rubber fountain pen sent to any address, fifty cents, postpaid. Universal Company, Pittsburgh, Penna.

AN eight roll Success. Corn shredder and stacker. Good condition. One season usage. Cheap if taken at once. B. W. Davis, R. D. 5, Humboldt, Kan.

15 JEWEL Elgin or Waltham watch in three ounce silver case, open face, \$6.45 and 17 jewel for \$7.50. Richardson, Jeweler, Caldwell, Kan.

BUSINESS OPPORTUNITY—General store doing good business; town of 5,000; owner sickly, must sell. Invoice about \$12,000. P. C. Nielson, Blackwell, Okla.

FOR SALE OR TRADE. Five 6-horse power, one 4-horse power new gasoline engines. Trade for auto or runabout or what have you? J. Atkinson, Glasgow, Mo.

580 A. stock and grain farm, well watered, fair improvements, owner old, \$10,000 left on place if desired, \$60 per a. R. F. McCune, Princeton, Kan., R. F. D. No. 1.

FOR SALE—Why farm when you can buy store in northeastern Kansas for \$7,500 that pays owner \$100 month salary and nets \$1,500, besides stock of groceries, shoes, dry goods, notions, etc. Would take northeastern Kansas land up to \$4,000. Address K., care Mail and Breeze.

GET A BUSINESS of your own. Clean stock of general merchandise, evenly balanced, now enjoying a good trade. I pay for rent \$15 monthly. Will invoice \$3,000. Located Rock Creek, Kan. Will sell on terms or exchange for any good property of about equal value. Address Geo. W. Hanna, owner, Clay Center, Kan.

LANDS.

HOMESTEADS—Special information. Riverside Kolons, Harrison, Ark.

160 ACRES Hamilton Co. Level, im., 90 a. broke. Price \$1,000. Ad. Lock Box 83, Coolidge, Kan.

160 ACRES, sixty in cultivation, six room house. Prospects of oil development. Theo. Lower, Coyle, Okla.

RANCH paying thirty per cent dividend at bargain. Deal with owner. Write J. E. McCarty, Paluxy, Texas.

FOR EXCHANGE—80 acres, San Luis valley, Colo. 76 acres can be irrigated. 3 miles of town. Box 94, Morehead, Kan.

TRADE—Improved farm, good land notes, other property close in, by owner. Reasons, condense values. Box 92, Gentry, Ark.

COME to the Solomon valley where "corn is king". Special bargain improved 160 acre farm. J. H. King, Cawker City, Kan.

SELL YOUR PROPERTY quickly for cash. No matter where located. Particulars free. Real Estate Salesman Co., Dept. 5, Lincoln, Neb.

40 A. \$1,300. 60 a. in clover \$1,000. 80 a. \$1,500. unimproved, 1 mi. town. All fine deep bottom soil. B. F. Cavanaugh, St. Paul, Kan., Neosho Co.

FOR SALE—Improved quarter. Also house and lot. Both in northeast Kan. Description given on application. Take some trade (20). G. W. Holcomb, Wetmore, Kan.

CAREY ACT and deeded irrigated lands, \$40 an acre. Eight year payments, unlimited water. Fares refunded purchasers. Wyoming Development Co., Cheyenne, Wyo.

160 A. 4 miles town. 90 a. cultivating land. 25 broke. New 6 room house, barn, mile to school, 1/4 mile to phone line. On proposed R. route. Price \$20 a. 1/2 cash. L. E. McGilvrey, Burbank, Okla.

DELIGHTFUL OREGON: Famous Sutherland Valley orchard lands offer wonderful opportunities. Illustrated literature, maps, prices and particulars free. Luse Land & Development Company, Ltd., St. Paul, Minnesota.

DO YOU WANT TO SELL, buy or exchange land, town property or merchandise? Our service covers entire United States. New methods; unsurpassed facilities. Write Fisher Realty Co., 158 Market St., Hannibal, Mo.

FOR SALE—Southeast Wyoming—Homes for hundreds; better crops, cheaper land; than the Dakotas; one crop pays for land; mild climate, soft water, railroads, schools; easy terms. W. F. Whitehead, Hillsdale, Wyo.

16,000 ACRES extra fine wheat, corn and alfalfa land in Wallace county, Kansas; must be sold before January 1st to settle estate; will divide in tracts of 160 acres or more. Write for particulars. O. K. Hendon Inv. Co., 629 Rialto Bldg., Kansas City, Mo.

FOR SALE—10,500 acres rich black lands, miles of sea frontage, good harbor, an ideal summer resort, north of Vancouver, B. C., only \$15.00 per acre now. British Columbia and California lands, in tracts, fertile and low priced. J. G. Fitz Gerald, 1203 Berendo St., Los Angeles, Calif.

FOR SALE—160 acres school land adjoining Edmond, Okla.; one-fourth mile of Okla. interurban; one mile from depot and postoffice; three-fourths mile from central state normal; five room house, good barn, two inexhaustible wells with windmills; splendid stock or dairy farm. For particulars address Bryant & Huffman, Edmond, Okla.

GET YOUR Canadian home from the Canadian Pacific. Why farm on high-priced worn out lands? Go to the rich virgin soil of Western Canada. Finest irrigated or non-irrigated lands from \$10 to \$30 an acre. Write for booklets on Manitoba, Saskatchewan and Alberta. G. M. Thornton, Colonization Commissioner, Canadian Pacific Railway, 112 West Adams street, Chicago.

LAND BARGAINS. 20,000 acres to pick from, on long time payments if desired. Some dandy improved farms. Markets at your door; on New Soo Short Line. Twin Cities, Duluth, Superior, Lake Shore and River Properties. Game, fishing, ducks, chickens, partridge. Crops will tell what the soil will produce. "Nuff sed." Come, see. Drop me a card when you're coming, or write for information. Geo. C. Rice, Webster, Burnett Co., Wis.

OREGON and Southern Washington. Write before investing or coming West, so you can learn the facts about the Oregon country, its attractive climate and its agricultural and other opportunities. Official information gathered and vouched for by over 150 commercial organizations and by Oregon State Immigration Commissioner will be sent free on request; all inquiries answered in painstaking detail. For full information write to Room 637 Portland Commercial Club, Portland, Oregon.

LANDS.

FINE INVESTMENTS—80 acres of fine bottom land 2 1/2 miles from center of Wichita. Fenced and cross fenced, forty acres in alfalfa. 180 acres fine wheat land, unimproved, near Aetna, Barber county. This at a bargain. Write to F. A. Sowers, 143 S. Washington, Wichita, Kan.

FARMS FOR SALE.

FOR SALE—Good bottom alfalfa farms; prices from \$80 up. Send for price list; it's free. The Earth Realty Co., Salina, Kan.

FOR SALE—80 acre improved farm 1/4 mi. from Wellston, 55 in cult., 45 bottom alfalfa land. Price \$2,800, 1/2 cash. Mattie Burns, Wellston, Okla.

SECURE CASH for your property, no matter where located. Write for particulars, giving full description. National Property Salesman Co., Dept. 1, Omaha, Neb.

FARM—153 acres, in Marshall county, Kansas; worth \$100 per acre; nearly all creek bottom; one mile from town; will consider an offer for this farm. R. L. Rinker, 716 Commerce Bldg., Kansas City, Mo.

ADVERTISE YOUR PROPERTY in Kansas Weekly Capital for quick and sure results. 100,000 circulation guaranteed—among best farmers in Kansas. Advertising rate only 25c per line of seven words. Address Kansas Weekly Capital, Adv. Dept., Topeka, Kan.

FARM WANTED.

FARMS wanted for mds. or cash. Quick deals. Fred Wolf, Abilene, Kan.

WILL BUY good farm. Well situated. Owners only. Give description and price. Addr. Coens, Box 754, Chicago.

FARMS WANTED. We have direct buyers. Don't pay commission. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 28 Palace Bldg., Minneapolis, Minn.

DOGS.

TRAINED coon hounds for sale. Tom Rice, Garnett, Kan.

SCOTCH collie female puppies very cheap. Box 66, Inman, Kan.

SCOTCH collie puppies. Western Home Kennels, St. John, Kan.

PURE BRED Scotch collie puppies now ready for shipment. M. L. Dickson, Englewood, Kan.

SCOTCH collie pups. Sable and white. Eligible to registration. Wyandale Don at stud, fee \$5. C. Holliday, Woodbine, Kan.

WANTED.

E. R. BOYNTON HAY CO., Kansas City, Mo. Receivers and shippers. Try us.

MEN AND WOMEN wanted for government jobs. \$80.00 month. Write for list of positions open. Franklin Institute, Dept. F 55, Rochester, N. Y.

WANTED: MEN AND WOMEN for government positions. \$80.00 month. Annual vacations. Short hours. No "layoffs." Common education sufficient. Over 12,000 appointments coming. Influence unnecessary. Farmers eligible. Send postal immediately for free list of positions open. Franklin Institute, Dept. F 55, Rochester, N. Y.

AGENTS WANTED.

WANTED—Men in every town in Mo., Kan., Ill., Neb., Okla., Ark., to take orders for nursery stock. Outfit free. Cash weekly. National Nurseries, Lawrence, Kansas.

CAN USE a few old experienced salesmen for Oklahoma and Kansas to act as special representatives in good territory. Write Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

COUNTY AGENTS—We have a machine that brings water from well, cistern or stream into house same as city water works. For information address A. D. Scott, Grand Avenue Temple, Kansas City, Mo.

FEMALE HELP WANTED.

WANTED—Ten young women, high school graduates preferred, age 20 or over, to fill vacancies in the Training School for Nurses, St. Louis City Hospital. 900 beds, excellent opportunities. Two years' course, salary while you are in school. Write before October 15 to Supt. Nurses, 800 City Hospital, St. Louis, Mo.

WOMEN AND GIRLS wanted to sell our up-to-date line of beautiful Post Cards; very latest styles; enormous demand; our agents make \$2 to \$6 a day in spare time; no talking or peddling necessary; our special copyrighted selling plan and a big package of beautiful samples for only 2 cts. to pay mailing expense if you mean business. Butler Post Card Co., 65 Capital Block, Topeka.

MALE HELP WANTED.

GOVERNMENT WANTS HELP. Write for list of positions open. Franklin Institute, Dept. F 55, Rochester, N. Y.

GOVERNMENT farmers wanted. \$60 monthly. Examination Oct. 16. Many needed. Write Ozment, 38F, St. Louis.

WANTED—Immediately, men and women for government positions. Fall examination everywhere. Prepare now. Trial examination free. Write Ozment, 38, St. Louis.

K. C. BARBER COLLEGE—Cheapest and best school in the West; only school having 2 separate pay departments; earn while you learn; success assured; no graft on tools. Call or write 15 W. 5th, K. C., Mo.

SALESMEN wanted in Kansas, Oklahoma, Missouri and Arkansas. Work full or part time, as you prefer. Pay weekly. Outfit free. The Lawrence Nurseries, Lawrence, Kan.

500 MEN 20 to 40 years old wanted at once for electric railway motormen and conductors; \$60 to \$100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address F, care of Mail and Breeze.

YOUR opportunity to learn salesmanship quickly. We want ten more good men to act as special representatives in the best territory in Oklahoma and Kansas. Will pay extraordinary liberal commissions to start. Send one bank reference with application. Address, Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

LOCAL REPRESENTATIVE WANTED. Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden Pres. The National Co-Operative Real Estate Company, 1157 Marden Building, Washington, D. C.

PATENTS.

WRITE for my free booklet of Advice and Warning to Inventors and Patentees. Thomas Bemis, Indianapolis, Indiana.

SEND FOR FREE BOOKLET, All About Patents and Their Cost. Shepherd & Campbell, 500C Victor Bldg., Washington, D. C.

MISCELLANEOUS.

MISSOURI AUCTION SCHOOL, largest in world. Own largest living mule, 1404 Grand, Kansas City.

HARNESS—Our harness is correctly made and prices right. Write for catalogue. Ed Klein, Lawrence, Kan.

LEARN TELEGRAPHY—Positions guaranteed. Free catalogue. Barry's Telegraph Institute, Minneapolis, Minn.

MONEY lovers listen. Make big money quickly, either sex. Send 10c for particulars. Kern Supply Co., E. Millstadt, Ill.

GOING TO BUILD? We can save you money on your lumber bill. Prices and particulars free. Send address on postal. Keystone Lumber Company, Tacoma, Wash.

BEAUTIFUL Kara diamonds. Brilliant as the stars. Most perfect imitation ever produced. Each gem a sparkling beauty. John R. MacCormac, 2026 Clay, Topeka, Kan.

AUTOMOBILE drivers and repair men in big demand. Qualify for good position in four weeks. Write at once for particulars. Lincoln Motor School, 1318 F St., Lincoln, Neb.

A GOOD watch or a beautiful doll free. Sell 24 pkgs. mending tissue, 10c each. We trust you with goods. Send name and address today. R. Porter Co., Box 1423, Salt Lake City, Utah.

FREE ILLUSTRATED book tells about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is big chance here for you, sure, and generous pay, lifetime employment. Easy to get. Just ask for booklet A68. No obligation. Earl Hopkins, Washington, D. C.

BIG WESTERN WEEKLY 6 MONTHS 10c—Biggest and best general weekly published in the west. Interesting and instructive departments for young and old. Tells about opportunities in the west for ambitious men. Special offer, 6 months' trial subscription—26 big issues—10c. Address Weekly Capital, Department W. A. 12, Topeka, Kansas.

YOUNG MAN, would you accept and wear a fine tailor made suit, just for showing it to your friends? Or a Slip-on Raincoat Free? Could you use \$5 a day for a little spare time? Perhaps we can offer you a steady job? Write at once and get beautiful samples, styles and the wonderful offer. Banner Tailoring Company, Dept. 836, Chicago.

An Inventory of Kansas Soil

Within 10 years from now anyone who wants the information, may turn to a Kansas soil map and find out just what any given piece of land in the state is worth as a crop-grower, what crops it will grow best, what part of it needs drainage, where fertilizer is needed and what kind should be used and much other information not avail-

able now. Such a soil survey has already been completed in Reno and Shawnee counties and the soil experts are now at work in Jewell, Cherokee, and Greenwood. The investigators go onto every farm and not a single acre escapes them. Samples of soil are taken and chemically analyzed. Hills, valleys, lowlands, and woodlands also get a place on the map. This work is being done jointly by the Kansas Agri-

cultural college and the U. S. department of agriculture, each furnishing three men to make the survey. The college work is under the supervision of L. E. Call, associate professor of soils at Manhattan.

Kansas Irrigators to Meet

Kansas is to have an irrigation congress of its own this year. This will be

a two-day affair and is to be held at Garden City, October 24-25. Farmers in the irrigation belt of Kansas are looking with favor on this meeting for it will afford an opportunity to learn of the latest methods and to compare notes and experiences in this branch of farming. Garden City was selected as the meeting place as it will give visitors a chance to see the big pumping plants there and also at Scott City.

MARKET PROBABILITIES

[Written Specially for the Farmers Mail and Breeze.]

Both Kansas City and St. Louis showed a sharp reduction in receipts of cattle today compared with a week ago, and fat steers were quoted stronger and stockers and feeders 10 to 15 cents higher.

The cattle market last week performed some peculiar stunts, the main features being that receipts in St. Louis and Kansas City were near record proportions on Monday, and that later in the week the highest prices of the season were paid in Chicago at \$10.90, and in St. Louis at \$10.70. The quickness with which the market righted itself after Monday proves that the ballast of demand is strong, and doubtless, sufficient to carry the market through the few difficulties it may experience from now on. Monday there were 32,100 cattle in Kansas City, and 15,500 in St. Louis, a record supply for a single day at the latter market. This supply had its origin in the dry sections in south Missouri, Arkansas, Oklahoma and southwest Kansas together with dry spots in some other states. At the same time the movement from sections well watered and grassed was normal. Prices were depressed 15 to 25 cents, but on Tuesday the supply was below normal, and the market began to mend. By the close of the week practically all the loss had been recovered. In the meantime however, rains have fallen in all sections that were under shipping stress and dry weather as a factor, seems to be effectually removed in large supplies for the rest of the year. Prime corn fat steers did not share in the price fluctuation of other cattle but continued on a firm basis due to scarcity. As to other cattle the big run cut loose a good many half fat grades in weak hands, and the general rains removed shipping necessity from other holders. The general market now in spite of the dip in prices appears in a stronger position than ten days ago. Renewed pasturage should mean added pounds of weight, and a supply well distributed for the next two months. Prime corn fat steers ought to make an \$11 record in the next 10 days.

Butcher Cattle Break and Recover.

Monday's market last week carried prices for cows and heifers down 15 to 25 cents, but the brisk demand later eliminated the decline and closing prices were firm compared with quotations of the preceding week. Killers still bewail the scarcity of Western cows, and they are so anxious for "canners" that prices have not varied, except upward in the past ten days. Most of the "canners" are selling at \$3 to \$3.75. Western cows have sold up to \$5.75, and heifers sold up to \$7.25. Veal calves continue firm, tops at river markets being \$9 and \$12 in Chicago. Bulls and stags are selling freely, but the supply is small.

Big Stocker Movement.

More than 30,000 thin cattle went to country points last week from Kansas City and other markets sent out 20,000, making shipments the largest this year. The big supply in Kansas City and St. Louis gave buyers the first chance of the season to lower prices but the depression did not last throughout the week as cattle by Thursday were 20 to 35 cents higher than on Monday. The big supply of feed will be a prominent factor in making an active demand for some time to come.

Hog Market Becomes Unsettled.

The hog market opened stronger and then fell back 5 to 10 cents. The top price in St. Louis was \$9.10, in Chicago \$8.95, in Kansas City \$8.87, in St. Joseph \$8.80, and in Omaha \$8.50. Shipping demand in Chicago and St. Louis weakened after the middle of last week, but packers' demand which has supported other markets appeared stronger. Eastern markets are receiving more sick hogs than western points though average quality at no market is very good. Some hogs sold to be sick with cholera, showed when slaughtered that they were sick from the use of green corn. Farmers should use utmost caution in feeding new corn, because it takes but little to make hogs sick at this season of the year. It is about two months now until the beginning of the packing season, and light and medium weight hogs will continue to sell at a premium up to that time.

A Moderate Sheep Boom.

The sheep market seems to have hit its fall stride and prices last week added 25 to 40 cents on both fat and feeding lambs and sheep prices were up 15 to 25 cents. The week opened with unusually large supplies and a moderate depression

in prices. The large runs instead of depressing demand stimulated country buyers to renewed activities and killers were forced into the competition to get the offerings. All markets showed the largest shipments to country points this season, and while killers complained some of lack of quality on fat grades their purchases were large. Last week receipts of sheep at the five Western markets were more than 325,000, but that supply was nearly 100,000 short of the run a year ago, and two weeks later 1-2 million arrived. Feeder buyers cannot expect such liberal supplies this year, and the tendency is for countrymen to buy early. Conditions favor an early movement of fed sheep, and there will probably be few bare spots on the market in the next four months.

The Movement in Livestock.

The following table shows receipts of cattle, hogs and sheep at the five western markets last week, the previous week and a year ago:

	Cattle	Hogs	Sheep
Kansas City	71,750	24,300	70,050
Chicago	46,500	100,000	138,000
Omaha	27,600	32,300	93,800
St. Louis	39,300	33,500	21,500
St. Joseph	11,250	23,900	11,000
Total	196,400	214,000	334,350
Preceding week	160,225	199,400	280,900
Year ago	185,970	226,200	422,300

The following table shows receipts of cattle, hogs and sheep at each of the five western markets Monday, September 16:

	Cattle	Hogs	Sheep
Kansas City	21,900	3,900	17,400
Chicago	22,000	31,000	42,000
Omaha	9,000	2,100	24,500
St. Louis	11,000	6,500	2,500
St. Joseph	2,400	3,300	4,000
Total	66,300	46,800	90,400
A week ago	80,500	42,500	104,000
A year ago	65,600	49,300	80,100

The following table shows a comparison in prices on best offerings of livestock at Kansas City and Chicago for this date and one year ago:

	Cattle	Hogs	Sheep
Per 100 lbs. 1912 1911			
Chicago	\$10.75 \$8.15	\$8.90 \$7.35	\$5.25 \$4.65
Kan. City	\$10.70 8.00	\$8.75 7.05	\$5.75 4.50

Less Demand For Horses.

Partly because horses coming to the principal markets now lack quality and weight, demand is not urgent and all the light weight, common kinds are slow sale. Eastern buyers say they could use more good horses. Mules are selling more readily than horses, and prices are fully steady. Demand is general. Receipts have been light. The disease which has been so fatal in Kansas and Nebraska has not appeared at any of the markets, and horse dealers say it has not become a factor in either supply or demand.

Grain and Hay Prices Unchanged.

There was very little net change in prices of wheat and oats, but old corn is feeling the proximity of the new crop and prices are off 2 to 3 cents a bushel. It will be some time before new corn is ready to market but the fact that it is being used in limited quantities by farmers make it a factor with old corn. Straw was quoted up \$1 a ton, but other hay was offered freely and prices were unchanged.

The following prices prevail for grain in Kansas City and St. Louis:

	Wheat—	Kansas City	St. Louis.
Hard No. 2	87	@89 1/2c	\$.89 @ .93
Soft No. 2	96	@99c	1.00 @ 1.02 1/2
Corn—			
White No. 2	73 1/2	@74 1/2c	.75 @ .75 1/2
Mixed corn	70	@75 1/2c	.71 @ .72
Oats—			
No. 2 white	34 1/2	@35c	.34 1/2 @ .35
No. 2 mixed	33 1/2	@34	.32 1/2 @ .33

The following comparison shows prices on best grades of wheat, corn and oats at Kansas City and Chicago for this date and one year ago:

	Wheat	Corn	Oats
1912 1911			
Chicago	\$1.07 \$1.06	72 68 1/2 35 45 1/2	
Kan. City .....	.99 .97	73 1/2 65 1/2 35 46	

Carlot Grain Receipts.

The following table shows the receipts of grain for the week at the three principal grain markets, together with the receipts for the corresponding week one year ago and those of last week:

	Wheat	Corn	Oats
In Kansas City—			
This week	1433	99	132
One year ago	666	152	96
In Chicago—			
This week	1428	2696	2253
One year ago	616	1860	1155
In St. Louis—			
This week	928	386	248
One year ago	254	169	190

Kansas City Hay Quotations.

Prairie, choice	\$10.50 @ \$11.00
Prairie, No. 1	9.50 @ \$10.00
Prairie, No. 2	8.00 @ 9.00
Prairie, No. 3	6.50 @ 7.50
Timothy, choice	14.00 @ 14.50
Timothy, No. 1	12.50 @ 13.50
Timothy, No. 2	9.50 @ 12.00
Timothy, No. 3	6.00 @ 7.00
Clover mixed, choice	12.50 @ 13.00
Clover mixed, No. 1	11.50 @ 12.00
Clover mixed, No. 2	9.00 @ 10.50
Clover, choice	11.00 @ 11.50
Clover, No. 1	9.50 @ 10.50
Clover, No. 2	7.00 @ 8.00
Alfalfa, choice	14.50 @ 15.00
Alfalfa, No. 1	13.00 @ 14.00
Alfalfa, No. 2	10.50 @ 12.50
Alfalfa, No. 3	8.00 @ 10.00
Straw	5.50 @ 6.00
Packing hay	4.00 @ 5.00

Seeds.

Kafir corn, No. 2 white, \$1.20 @ \$1.21 a cwt.; No. 3 white \$1.15 a cwt.; alfalfa \$9 @ 12 a cwt.; flaxseed \$1.50 a bushel, timothy, \$1.50 @ \$1.75 a bushel.

The Broomcorn Market.

All except the choicest broomcorn is selling at weak prices. The scarcity of choice corn owing to an unfavorable harvest season for the early plant, damaged much of the Oklahoma corn and it is now being marketed with medium and damaged corn. Choice green, self-working corn is quoted at \$90 to \$110 a ton, fair to good, selfworking \$55 to \$80 a ton, and common to fair, selfworking \$30 to \$50 a ton. Damaged corn is selling as low as \$20 a ton.

Livestock in St. Louis.

Receipts of cattle here last week were the largest this season. Monday a new record was made for a single day's receipts at 15,500. Most of the offerings came from the south and southwest and a large part of them were from the quarantine area. Prime steers sold up to \$10.70, the record price for the year. The course in prices was a decline followed by a recovery. Steers are selling at \$5.50 to \$10.70; Texas and Indian steers \$3.75 to 7.25; cows and heifers \$4 to \$8.75; and calves \$5.50 to \$9.50. A good many stockers and feeders sold at \$4 to \$7.25. Hogs sold up to \$9.20 early in the week, but later fell back 10 cents. Average prices last week were the highest this season for good hogs, but the market was lower for other kinds. The top price Saturday was \$9.10, and bulk \$8.50 to \$9.

With higher prices elsewhere and local receipts moderate prices for sheep were quoted up 10 to 15 cents and lambs 25 cents. Demand has been fairly active. Sheep are quoted at \$3.75 to \$4.50 and lambs \$5.50 to \$7.35.

The following table shows receipts of cattle, hogs and sheep in St. Louis thus far this year, compared with the same period in 1911:

	1912	1911	Inc.	Dec.
Cattle	650,653	668,560	.....	17,907
Hogs	1,749,024	2,045,489	.....	296,465
Sheep	735,436	765,404	.....	29,968
H. & M.	114,840	122,921	.....	8,081
Cars	53,311	58,644	.....	5,333

Livestock in Kansas City.

After showing the largest receipts of the season on Monday of last week, receipts lightened materially later, and the total receipts for the week were only slightly larger than in the preceding week. Prices broke early in the week but recovered later. Fed steers were very scarce, only a few loads selling above \$10, with the top \$10.50. Most of the short fed, wintered, and western steers sold at \$7.50 to \$9.50, and the straight grass fat cattle at \$5.50 to \$8. On the quarantine side steers sold at \$3.75 to \$6.50. Butcher cattle showed about the same break and recovery as steers. Cows sold at \$2.50 to \$6.75, and heifers \$3.50 to \$8.25. Veal calves brought \$4.50 to \$9, and stags and bulls \$3.50 to \$5.50. Stockers and feeders were quoted down 25 to 40 cents and later all but 10 cents was re-

Fifty Big Type Boars.

Peter Ellerbroek & Sons, Sheldon, Ia., will sell 50 choice, big type Poland China boars, at their stock farm near Sheldon, on Thursday, October 10. This offering is selected from 80 head and are the tops—good enough to head good herds. They are sired by Ellerbroek's 1,000 pound A Wonder 143421. A Wonder A, A Wonder, Long Fellow Again, Mouw's Tecumseh, Noland's Wonder, Big Bone Again and others. They are out of sows equally as well bred as their sires and are well developed. Note the advertisement in this issue and write at once for catalog, mentioning Farmers Mail and Breeze.

gained. Stockers sold at \$4.50 to \$6.25 and feeders at \$4.75 to \$8.

Hog prices Saturday were 5 to 10 cents above the close of the preceding week, except for some sick pigs and hogs of doubtful quality. They were lower. The top price Saturday was \$8.82 1/2 and bulk of sales \$8.60 to \$8.80. The top price for the week \$8.90, was paid Wednesday and Thursday.

The following table shows the range in price of hogs in Kansas City on days named for the past two weeks:

	This week	Preceding wk.
Tuesday	\$8.40 @ \$8.90	\$8.35 @ \$8.82 1/2
Wednesday	8.45 @ 8.90	8.30 @ 8.80
Thursday	8.40 @ 8.85	8.25 @ 8.75 1/2
Friday	8.40 @ 8.85	8.30 @ 8.77 1/2
Saturday	8.40 @ 8.82 1/2	8.35 @ 8.75
Monday		8.40 @ 8.85

Receipts of sheep were the largest this year, more than 31,000 coming on Monday. Demand was broad and prices were raised 25 to 40 cents. Fat lambs are quoted at \$6.50 to \$7.40, yearlings \$4.50 to \$5.50, wethers \$4 to \$4.65, ewes \$3.40 to \$4.25, feeding lambs \$4.50 to \$6.40, and sheep \$3 to \$4.25.

The following table shows receipts of cattle, hogs and sheep in Kansas City thus far this year and same period in 1911:

	1912	1911	Inc.	Dec.
Cattle	1,111,562	1,337,528	.....	225,966
Calves	102,266	154,497	.....	52,231
Hogs	1,761,148	2,191,278	.....	430,130
Sheep	1,411,008	1,447,174	.....	36,166
H. & M.	54,546	60,306	.....	5,760
Cars	76,634	93,922	.....	17,288

Livestock in St. Joseph.

Though receipts of cattle last week were some larger than in the preceding week, the market held about steady. The supply was well distributed throughout the week. No strictly prime steers were offered. Cows and heifers were in active demand and there was a fair inquiry for feeders. Killing steers are quoted at \$4 to \$10.25, cows and heifers \$3.25 to \$8.75, veal calves \$5 to \$9, stockers and feeders \$3.75 to \$7.50.

Hog prices Saturday were about the same as the close of the preceding week, and 10 cents under the high level of the week, made Thursday at \$8.90. Saturday's prices were: \$8.80 top and bulk of sales \$8.25 to \$8.75.

Here receipts of sheep last week were some larger than in the preceding week. There was a good demand and all offerings found a ready outlet. Lambs are quoted at \$6.25 to \$7.40, and sheep \$3 to \$4.50.

The following table shows receipts of cattle, hogs and sheep in St. Joseph thus far this year compared with 1911.

	1912	1911	Inc.	Dec.
Cattle	311,468	342,712	.....	31,244
Hogs	1,473,538	1,317,405	.....	156,133
Sheep	480,309	491,711	.....	11,402
H. & M.	30,876	29,881	.....	995

Cotton Market.

Galveston, Tex., Sept. 16.—COTTON—Market higher, 11 1/2 c.

Butter, Eggs and Poultry.

Kansas City, Sept. 16.—Prices this week on produce are:

Eggs—Firsts, new white wood cases included, 22c; seconds, 16c.

Butter—Creamery extra, 26 1/2 c a lb.; firsts, 24 1/2 c; seconds, 23 1/2 c; packing stock, 20 1/2 c.

Live Poultry—Broilers, 17c a lb.; spring chickens, 15c; hens, 12 1/2 c; roosters, 7 1/2 c; turkey hens and young gobblers, 12c; old toms, 10c; culls, 7c; young ducks, 12c; old ducks, 10c; geese, 5c; pigeons, 60c a dozen.

Produce Prices Now and One Year Ago.

	Butter	Eggs	Hens
1912 1911			
Chicago	28 26	21 20	13 12
Kan. City	26 1/2 25	22 21 1/2	12 1/2 10 1/2

LEGAL.

HOUSE CONCURRENT RESOLUTION No. 3. Granting equal rights and privileges to women.

Be it resolved by the Legislature of the State of Kansas, two-thirds of the members elected to each House thereof concurring therein:

That the following proposition to amend the constitution of the state of Kansas be hereby submitted to the qualified electors of the state for their approval or rejection, namely:

Section 1. The rights of citizens of the state of Kansas to vote and hold office shall not be denied or abridged on account of sex.

Sec. 2. This proposition shall be submitted to the electors of this state at the election for representatives to the Legislature in the year 1912. The amendment hereby proposed shall be known on the official ballot by the following title: "Amendment to the constitution granting equal rights and privileges to women," and the vote for or against such amendment shall be taken as provided by law.

Sec. 3. This amendment, if adopted, shall be known as section 8 of article 5 of the constitution of the state of Kansas.

Sec. 4. This resolution shall take effect and be in force from and after its publication in the statute book.

Passed the House February 7, 1911.

Passed the Senate February 8, 1911.

Approved February 9, 1911.

I hereby certify that the foregoing is a true and correct copy of original House Concurrent Resolution No. 3, now on file in my office.

CHAS. H. SESSIONS,

Secretary of State.

IOWA FARMS! Best soil, good improvements, all sizes, bargain prices, easy terms. Write today for our 1912 illustrated list. NORTHERN IOWA LAND COMPANY, Independence, Iowa.

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

A. D. Hunter, Kansas and Oklahoma, 410 East Williams street, Wichita, Kan.
J. W. Johnson, Beloit, Kan., Kansas and Nebraska.
C. H. Walker, Kansas, Missouri and Nebraska, 1015 Central, Kansas City, Mo.
Geo. W. Berry, E. Kansas and southern Missouri, Capper Bldg., Topeka, Kan.
Grant Gaines, Iowa, 334 Chamber of Commerce Bldg., Omaha, Neb.
G. E. Hall, Nebraska, 334 Chamber of Commerce Bldg., Omaha, Neb.
H. W. Graham, Iowa and Illinois, Chillicothe, Mo.
E. R. Dorsey, Girard, Kan.

PUREBRED STOCK SALES.

Claim dates for public sales will be published free when sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

Percheron Horses.

Oct. 25—T. H. Well, Blairtown, Ia.
Dec. 17—Lee Brothers, Harveyville, Kans., at Manhattan, Kans.

Poland China Hogs.

Sept. 26—J. H. Brown, Oskaloosa, Kan.
Oct. 6—J. D. Spangler, Sharon, Kan.
Oct. 8—T. J. Melsner, Sabetha, Kan.
Oct. 9—Herman Groninger & Sons, Bendena, Kan.
Oct. 10—Peter Ellerbrook & Sons, Sheldon, Ia.
Oct. 11—Thos. Murphy & Sons, Corbin, Kan.
Oct. 15—H. C. Graner, Lancaster, Kan.
Oct. 16—H. E. Walter, Effingham, Kan.
Oct. 17—Harry Wales, Peculiar, Mo.
Oct. 17—H. C. Lookabaugh, Watonga, Okla.
Oct. 18—W. E. Long, Meriden, Kan.
Oct. 19—Thos. F. Walker & Son, Alexandria, Neb.
Oct. 19—C. L. Branic, Hiawatha, Kan.
Oct. 22—Jno. W. Noll, Winchester, Kan.
Oct. 23—E. C. Logan, Beloit, Kan.
Oct. 24—L. E. Klein, Zeandale, Kan.
Oct. 24—J. R. Mingle, Anthony, Kan.
Oct. 25—J. J. Hartman, Elmo, Kan.
Oct. 26—R. B. Davis, Hiawatha, Kan.
Nov. 1—Walter Hildwein, Fairview, Kan.
Nov. 1—J. E. Willis, Prairie View, Kan.
Nov. 1—Dr. Jno. Gildow & Sons, Jamesport, Mo.
Nov. 2—E. J. Manderscheid, St. John, Kan.
Nov. 2—J. H. Hamilton & Son, Guide Rock, Neb.
Nov. 9—A. C. Lobough, Washington, Kan.
Nov. 9—Lomax & Starrett, Leona, Kan.
Nov. 13—Herman Groninger & Sons, Bendena, Kan.
Nov. 15—W. M. Watt & Sons, Green City, Mo.
Nov. 27—F. W. Comfort, Cawker City, Kan.
Dec. 11—H. C. Graner, Lancaster, Kan.
Jan. 30—C. W. Jones, Solomon, Kan.
Feb. 6—J. L. Griffiths, Riley, Kan.
Feb. 6—H. Fesenmeyer, Clarinda, Ia.
Feb. 7—Peter Ellerbrook & Sons, Sheldon, Ia.
Feb. 15—L. E. Holmes, Bloomington, Neb.
Feb. 15—Thos. F. Walker & Son, Alexandria, Neb.
Feb. 18—J. H. Harter, Westmoreland, Kan.
Feb. 22—C. C. Ingram, Bloomington, Neb.
Feb. 26—W. E. Epley, Diller, Neb.

Duroc-Jersey Hogs.

Oct. 17—Moser & Fitzwater, Goff, Kan.
Oct. 19—H. B. Miner, Rock, Neb.
Oct. 22—P. H. Pagett, Beloit, Kan.
Oct. 26—E. M. Myers, Burr Oak, Kan.
Oct. 29—W. W. Bales & Sons, Manhattan, Kan.
Oct. 30—Thompson Bros., Garrison, Kan.
Oct. 30—W. T. Hutchison, Cleveland, Mo.
Oct. 30—R. C. Beachler, Mahaska, Kan.
Oct. 31—Philip Albrecht & Son, Athol, Kan.
Nov. 12—Lant Bros., Dennis, Kan.
Nov. 13—Sam'l Drybread, Elk City, Kan.
Nov. 14—W. W. Otey & Sons, Winfield, Kan.
Nov. 15—F. P. Sylvester, Hennessey, Okla.
Jan. 8—Munsell & Isenberg, Herington, Kan.
Jan. 15—H. B. Miner, Guide Rock, Neb.
Jan. 16—F. C. Crocker, Filley, Neb.
Jan. 22—Thompson Bros., Garrison, Kan.
Jan. 25—Glenn Keeseecker, Washington, Kan.
Jan. 29—W. E. Monasmith, Formosa, Kan.
Jan. 30—Leon Carter, Asherville, Kan.
Jan. 31—W. H. Seddon, Persia, Ia.
Feb. 4—J. O. Hunt, Marysville, Kan.
Feb. 6—Samuelson Bros., Cleburne, Kan.
Feb. 6—Samuelson Bros., Blaine, Kan.
Feb. 7—A. T. Cross, Guide Rock, Neb.
Feb. 8—Geo. E. Garrett, Bloomington, Neb.
Feb. 11—H. H. Shaw, Hebron, Neb.
Feb. 20—Geo. W. Schwab, Clay Center, Neb.
Feb. 21—W. C. Whitney, Agra, Kan.
Feb. 22—Geo. P. Philippi, Lebanon, Kan., at Esbon, Kan.

O. I. C. Swine.

Feb. 6—H. L. Bode, Friend, Neb.
Feb. 7—Chas. H. Murray, Friend, Neb.

Hampshire Hogs.

Nov. 14—D. H. De Kalb, De Kalb, Ia.

Shorthorns.

Oct. 11—Thos. Murphy & Sons, Corbin, Kan.
Oct. 16—H. C. Lookabaugh, Watonga, Okla.
Nov. 15—W. M. Watt & Sons, Green City, Mo.

Herefords.

Oct. 23—O. Harris & Sons, Harris, Mo.
Oct. 24—Gudgell & Simpson, Independence, Mo., at Kansas City.
Oct. 25—C. B. Smith, Fayette, Mo.

Aberdeen Angus.

Oct. 23—W. F. Eckles, Green City, Mo.
Shorthorns and Poland Chinas.

Sept. 24—S. S. Spangler, Milan, Mo.

Kansas and Oklahoma.

BY A. B. HUNTER.

Jno. Shortt, Whitewater, Kan., breeder of the little, was at the Topeka State Fair. He succeeded in winning second prize

on senior bull calf in the open class and a large number in the state specials including first on get of sire, first on calf herd, second on produce of cow, also second on senior bull calf. These winnings were on the get of his present herd bull, Good News, by New Goods, a son of Choice Goods.

Richards's Importation.

Dr. W. H. Richards, Emporia, Kan., the well known breeder and importer of Belgian and Percheron horses, arrived home the first of the month with a select importation of Belgian and Percheron stallions. Dr. Richards visited Belgium and France and personally selected the kind most in demand in this country. The Dr.'s barns are only a few blocks from the

Sheep Commission Company is to establish a permanent feeder and breeder business and this 1,000 head of breeding sheep have been selected as the kind that will make good for any farmer. Mr. Coppins is anxious that those who buy these sheep make good on them as the success of his future business depends on the success of his patrons. You can rely on him giving you his candid opinion on anything regarding what would be to your interest in the sheep business. This will be a great opportunity for Kansas and Oklahoma farmers to get started with sheep. Tell Mr. Coppins how you are situated and he will tell you how many and what kind of sheep it would be best to start with. Write for information today. Please mention this paper.

Good Duroc Boars.

W. R. Huston, Americus, Kan., is offering 20 Duroc-Jersey boars by Golden Model 3d 11787. These are the best that Mr. Huston ever raised and the spring boars are the tops of his whole last spring's farrow. The fall yearlings are good ones and ready for hard service. These boars are out of sows by Frankfort K. Jr., a son of Nebraska State Fair first prize boar, Golden Goods, by Hogate's Model and Belle's Chief 2d 71777, by Belle's Chief 22727 and is a grandson

Farmers Mail and Breeze, Topeka, Kan.

Gentlemen:—I have the Kansas people coming with your help; three here now. One from southeastern Kansas, two from northern Kansas. But I had to go hungry a long time to get them shaken up, but continuous work is the thing. We sold one from your ad in Oklahoma two weeks ago, Harry E. Wright; one in Colorado to a Mr. Weimer. Both bought. I am getting my money back now I paid you fellows. It was a long time between drinks, but I knew you had the puller if I only could stand up under your money pressure until I got a few here to show them we could and would and do give them the straightest, most honest deal going. We keep that in front every time, never let a customer get stuck, always sell him so you can get him out with a profit and the rest is easier. Now I don't want to take up your time but I must tell you I sold one, Mr. Thompson, a farm from Kansas near the Colorado line for \$5,500, 169 acres I think, 1/2 mile from village. He paid \$2,500 down, sent for his family, but before he could get them started some old fogey made him so sick he cried. He came to me and says, "Give me my money I paid out for the farm and I will lose \$200." He was crying. I said, "No, I am here to protect you and if you are sick I will sell it for you." I lent him \$25, and he took train for Kansas, leaving farm and papers with me. In a little while I sold it for \$6,500 to a Dakota man. I said to the Dakota man, "Before you buy it I must tell you so the neighbors won't make you sick." So I told him about selling it to Mr. Thompson and what he paid. Now I said, "If you buy it you pay \$1,000 more, I must protect Mr. Thompson, but I am not going to do it without telling you." He was a German. "Vell," he says, "I takes him. You do right by Mr. Thompson, you do right by me." So he is living on it. He has sold for me to three of his friends, three farms. Now, I tell you this so you can see I'm not going to give you all the glory for your paper, as I got him out of your paper, but the thing to do is to deal so you can use the whole family. These three men here now from Kansas are Mr. Betts, Mr. Cecil and a Mr. Brown. I haven't seen the color of their money yet, but I have got the goods that interest them. We sold one yesterday to a Michigan man, one the day before from Indiana. Last week we sold one to a Mr. Westlake, Sycamore, Ill.; one to a man from Elyria, O.; one to a Mr. Burham from Greenwich; one to a Mr. Harbaugh, Johnstown, Pa., and we don't have to wait so long between drinks now. But editors and real estate men are glad to get it at all or even half a loaf, part of the time. You laugh to hear some of your Kansas men talk about the Mail and Breeze. I tell you you got them solid there with you every time. Well, I better ring off and say good-bye. When I come to Kansas again I am coming to see you folks if I have to pay a dollar to get a peep through a window at you folks, so keep my bills down so I will have enough to get there with.

Your friend,
WRIGHT HALL, Elmira, N. Y.

Have you any Bull Moose running loose out there?

Santa Fe passenger depot, Emporia, Kan., so when passing that way don't fail to stop off and look them over. He will be glad to show you around and make prices that will interest you.

Sheep! Sheep! Sheep!!!

Coppins Sheep Commission Co., the only exclusive sheep commission company in Wichita, will sell at auction on Thursday, September 26, at the Wichita Union Stock Yards, Wichita, Kan., 1,000 head of sheep for breeding purposes. They will consist mostly of good grade, 1, 2, and 3-year-old breeding ewes, Shropshire, Southdowns and Rambouillet. Also some high grade and registered Shropshire rams. Coppins Sheep Commission Company, Wichita, Kan., is under the management of H. A. J. Coppins, formerly of Potwin, Kan. Mr. Coppins is an experienced sheep man and believes the time is at hand when the farmers of Kansas and Oklahoma will see the advantage and take the profit that belongs to them through breeding and caring for enough sheep on each farm to keep down the weeds in the fence corners and eat up the waste pasture. One of the objects of the Coppins

of the noted Nebraska Belle. They are by Golden Model 3d, a line bred Golden Model. This Golden Model blood is the kind that wins as proven by the leading shows the last few years and especially at Des Moines this year. Write Mr. Huston today regarding these Golden Model 3d boars. They will please you. Please mention Farmers Mail and Breeze.

Kansas and Nebraska.

BY J. W. JOHNSON.

L. M. Noffsinger, Osborne, Kan., is offering 10 Shorthorn bulls for sale ready for service. Roans and reds. Write him for prices.

D. O. Bancroft, Osborne, Kan., is offering for sale G. F.'s Climax, sired by Mo. Goldfinch. He is 4 years old and has been in use in Mr. Bancroft's herd all this time and has proven himself a splendid breeder. He is for sale because Mr. Bancroft has a large number of his get in his sow herd and can't use him longer. It is a good op-

portunity to buy a tried herd boar that is right every way. Write Mr. Bancroft at once.

S. E. Amcoats, Clay Center, Kan., is offering choice Poland China boars for sale in this issue. The big, stretchy kind and well grown out. Write him for prices and descriptions.

"Little Oak" Durocs, bred by Geo. P. Philippi, Lebanon, Kan., are the kind that suit everybody. Write Mr. Philippi, whose advertisement appears regularly in Farmers Mail and Breeze.

T. P. Teagarden, Wayne, Kan., is one of the pioneer breeders of Durocs in northern Kansas and is offering choice boars for sale in this issue. Write him for full descriptions and prices.

David Boesiger, Courtland, Neb., is a breeder of Duroc-Jerseys at that place who is advertising spring boars, the tops from 100 head for sale in this issue. Write him for prices and descriptions.

If interested in Poland Chinas write C. W. Jones, Solomon, Kan., for his Poland China book which is free to Poland China breeders. It is worth reading and is a catalog of sale stuff now ready to sell.

See L. E. Klein's advertisement in this issue, in which he is offering choice Poland China boars. Mr. Klein owns one of the top herds of big type Poland Chinas in the state and has some choice boars for sale.

L. E. Holmes, Bloomington, Neb., is offering Poland China spring boars for sale. Big type and well grown out. The best of Nebraska breeding. See his ad in this issue and write him for descriptions and prices.

W. E. Epley, Diller, Neb., is offering March and April boars for sale. Mr. Epley is a well known breeder of big type Poland Chinas and has some choice early boars for sale at right prices. Write him at once.

H. H. Shaw, Hebron, Neb., always has something for sale in the Duroc-Jersey line. At present he is offering boars of spring farrow that are right. Prices right and nothing but good ones offered at any price. Write him at once.

Smith & Roberts, Beatrice, Neb., are offering 30 young Jersey cows and heifers for sale. Also a few choice young bulls. They are making the fairs with their show herd and getting the lion's share of ribbons as usual. See their ad in this issue.

J. Lee Dunn, Russell, Kan., is offering 50 Duroc-Jersey spring pigs of both sexes for sale. The prices will be found right and his pigs of the best of breeding and well grown. Mention his advertisement in Farmers Mail and Breeze when writing.

C. O. Anderson, Manhattan, Kan., is offering choice spring boars for sale. As a Duroc-Jersey breeder for many years he is better known than Mr. Anderson. His herd is one of the best in the West. His advertisement appears regularly in Farmers Mail and Breeze.

C. C. Ingram, Bloomington, Neb., is offering the tops of his spring boar crop at private sale. Mr. Ingram is a Poland China breeder that has made lots of friends among Kansas breeders and has a type of big, smooth Poland that suits the most exacting. Write him for prices.

Bonney K. and Kansas Special are two noted herd boars in W. E. Monasmith's herd at Formosa, Kan. Mr. Monasmith is a well known breeder of Duroc-Jerseys whose advertisement is to be found in Farmers Mail and Breeze. He is offering at present spring boars for sale.

A. T. Cross, Guide Rock, Neb., is offering choice young boars for sale sired by Prince Wonder 2d and Col. C. He is not going to hold a boar sale but is offering his best boars at private sale. The date of his bred sow sale is February 7 and all of his gilts are being reserved for this sale. Look up his advertisement in this issue.

F. C. Gookin, Russell, Kan., who is well known to Farmers Mail and Breeze readers as a breeder of O. I. C. hogs, is advertising 40 pigs for sale and some bred sows and choice fall yearling boars. Mr. Gookin has shipped stock all over Kansas that gave perfect satisfaction. He will price his stock right and anyone wanting the best in O. I. C. hogs should write him at once.

John Higgins, Abilene, Kan., bought some choice sows in Iowa last season and has lots of new blood to offer as a result. His herd is one of the best bred herds in the state and he is in a position to offer you a boar that will prove a valuable investment. We will have more to tell you about this herd later on. His advertisement appears in this issue. Look it up and get in touch with Mr. Higgins at once if you are interested in the best.

Duroc-Jersey Herd Boar.

In this issue P. C. Garrett & Son, Bloomington, Neb., are offering for sale their

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. Please stop my ad now in your papers. Am overwhelmed with answers.
J. M. GARRISON,
Real Estate.

Attica, Kan., August 16, 1912.

Farmers Mail and Breeze, Topeka, Kan. We have had lots of inquiries for bulls and females and it looks as though there was going to be better prices for purebred cattle, as men who never took an interest before are now becoming interested. We sold three females and one bull to Jas S. Williams of Haven, Kan., who is just starting a herd. S. B. AMCOATS, Breeder of Shorthorns and Poland Chinas. Clay Center, Kan., August 15, 1912.

Every week for years Farmers Mail and Breeze has printed voluntary letters from its advertisers and different letters are printed every week.



The accompanying illustration is a good likeness of King Mastodon 2d, the great Poland China boar at the head of the W. E. Long herd at Meriden, Kan. King Mastodon 2d is one of the really great boars of the breed, combining the best of the biggest Poland China blood that has proven so popular. This boar has sired an unusually strong lot of pigs in the Long herd and the get of this boar will be the feature attraction in Mr. Long's sale on October 18. Breeders who are in the market for a class of boars or sows that will improve the size and quality of their Poland can do no better than to select a son or daughter of this great boar. W. E. Long never has sold a poor offering and the individuals selected for his coming sale are the best lot he has yet offered.—C. H. W.

LIVESTOCK AUCTIONEERS.

COL. HOMER BOLES, Randolph, Kan.
Livestock and General Auctioneer.

L. R. BRADY LIVESTOCK AUCTIONEER
Manhattan, Kan. Write or wire for dates.

COL. S. B. YOUNG, Osborne, Kan.
Livestock Auctioneer. Write for dates.

W. C. Curphey, Salina, Kan.
Livestock Auctioneer. Phone for dates.

Wm. H. Harper, LIVESTOCK AUCTIONEER,
GLASCO, KANSAS. Phone for Dates.

Col. D. F. Perkins, Concordia, Kan.
Up-to-date methods in the Auction business. Purebred stock sales and big sales generally. Write for dates.

Col. C. W. Smith, Livestock Auctioneer
and Prop. of Smith's Sale Pavilion, Fairbury, Neb. Special service to breeders. C. W. SMITH, FAIRBURY, NEB.

Lafe Burger Live Stock and Real Estate Auctioneer
Wellington, Kan.

R. H. DENGATE, Lucas, Kan.
LIVESTOCK AUCTIONEER.
DATES CLAIMED ARE PROTECTED.

Col. N. S. HOYT, Mankato, Kansas,
Livestock Auctioneer. Big Horse and other Stock Sales a specialty. Terms reasonable. Special service to breeders.

Chas. E. Reeble, Emporia, Kan.
Pure Bred Live Stock and Real Estate Auctioneer. Speaks German. Write or wire for dates.

JOHN D. SNYDER HUTCHINSON, KAN.
Auctioneer
Pedigreed Live Stock a Specialty.

T. E. GORDON, WATERVILLE, KANS.
Livestock and Real Estate Auctioneer.
WRITE FOR DATES.

JAS. W. SPARKS Live Stock Auctioneer
MARSHALL, MO.

Will Myers, Livestock Auctioneer
Beloit, Kansas.
Write or phone for dates. I am located right to give good service.

Col. J. R. LOYD, ATHOL, KANSAS.
LIVESTOCK AUCTIONEER.
Write for terms and dates, and reference.

COL. FRANK REGAN,
ESBON, KANSAS.
Livestock Auctioneer. Write for open dates.

W. H. Trosper, Auctioneer
Livestock and Farm Sales my Specialty.
FRANKFORD, KAN. Write for Dates.

FRANK J. ZAUN
FINE STOCK AUCTIONEER
Independence, Mo.
Bell Phone 675 Indp.
"GET ZAUN. HE KNOWS HOW."

Col. Oscar H. Boatman
Irving, Kansas
Livestock Auctioneer
Graduate American Auction School
Write for Dates

Bergner & Sons' Coach Horses
65 HEAD  65 HEAD
What do you know about the Coach Horse? Do you want to know more about the Coach Horse?

German Coach Horses
are the best general purpose horse for the farmer. They have size, beauty, action, endurance and intelligence and mature early. They stand gracefully both hardships of usage and climate. Many a farmer does not know what a great farm horse the coach horse really is. Let us tell you more about him and you will want him. We are offering young stallions and fillies, also mares in foal to the imported Oldenburg Coach Stallion Mephisto 4221. Call on or write, J. C. Bergner & Sons, "Waldock Ranch," Pratt, Kan.

The Best Imported Horses One thousand each. Home-bred registered draft stallions—\$250 to \$650 at my stable doors. A. LATIMER WILSON, CRESTON, IOWA.

Belgian and Percheron Stallions and Mares
Imported and Home-Bred.
For Sale at Attractive Prices.
Blue Valley Stock Farm
Blue Mound, Linn Co., Kan.

herd boar Crimson Pride 101333. He is a 2-year-old boar, sired by Nebraska Chief, he by Ohio Chief. His dam was Fortune Teller 129078. Crimson Pride is offered for sale because this firm can't use him longer. He is 2 years old and will weigh about 600 lbs. in his present condition which is good breeding condition. He will be guaranteed a good breeder, good disposition and all right in every way. He is bred right to make some breeder a good boar for use this fall. He will be sold very reasonably if sold at once. The Garretts buy only the good ones and have a fine herd. They will sell bred sows February 8 and are reserving a fine lot of well bred, well grown gilts for this sale and will add a few very choice tried sows. Look up their ad and write them about this herd boar. Also about a young boar if you can't use an older one.

O. I. C. Herd Boars.

Chas. H. Murray, Friend, Neb., is advertising a choice lot of fall boars and gilts and spring boars and gilts for sale. Mr. Murray is the well known breeder of O. I. C. hogs at that place and when we visited his herd earlier in the season we were impressed with the idea that this herd and Mr. Bode's herd at the same place were the best herds of this breed we had ever seen. To the breeder who is in the market for a herd boar Mr. Murray's offering should especially appeal as the fall boars are of unusual merit. The fall gilts will be sold open or held and bred to suit the purchaser. The spring boars are good and are well grown and the gilts of the same age are equally as good. But there are great prospects among the fall boars and it is doubtful if there is another herd in the West that contains as many good fall boars that are for sale as is found in this offering. The breeding is up to date and it is a great chance for breeders needing a herd boar or a few young sows either bred or open. Write Mr. Murray at once and mention Farmers Mail and Breeze.

A Successful Firm.

Lambert Bros., Smith Center, Kan., are well and favorably known as breeders of Poland Chinas in northern Kansas. They have been good exhibitors at leading fairs and shows and have always gotten away with their share of ribbons. They breed a type that is deservedly popular with Kansas breeders and farmers. While their type is really big type in every sense of the word they have succeeded in breeding more quality than is often found with the size they have succeeded in maintaining. They are young men who have made a success of farming and stock raising and their herd of Poland Chinas is becoming popular beyond their expectations. This season they have 75 spring pigs and their exhibit at the Smith county fair and at Topeka would have proven strong competition at the leading fairs in the country. They have some choice boars for sale of spring farrow and also some gilts. Their advertisement appears in this issue of Farmers Mail and Breeze and you can't make a mistake by writing them or by visiting their herd if you are needing a boar or a few choice gilts. At the head of their herd is Weather's Referee, by Referendum and out of White Face. If you want quality and size write to these breeders.

Kansas, Missouri and Iowa.

BY C. H. WALKER.

Davis Offers Spring Boars and Gilts.

R. B. Davis of Hiawatha, Kan., proprietor of the Maple Grove Herd of big type Poland Chinas, is making a special offer on a choice lot of spring boars and gilts sired by Expansion Look 61191, his herd boar. These pigs are out of Mr. Davis's top sow herd which is equalled by few in the West. Among the lot offered will be found a number of choice herd header prospects and gilts that will develop into top notch herd sows. Considering the prices at which this stock is held and the quality of the individuals offered it is a buying proposition that should be looked into by breeders or farmers in the market for good stock. Write Mr. Davis per his advertisement elsewhere in this issue and kindly mention the Farmers Mail and Breeze.

Sired by Great Sires.

Dreamland Col., the great Duroc-Jersey 2-year-old boar at the head of Leon Carter's herd of Duroc-Jerseys at Asherville, Kan., would have certainly created all kinds of trouble if he had been fitted and shown in the eastern fairs with the big bugs. Dreamland Col. was sired by Waveland Col. and bred by Geo. W. Seckman & Sons. He is a wonderful hog and has proven a good sire of big even litters with the size, quality and finish that makes him so popular. His sire, Waveland Col., is the only hog that ever defeated the great B. & C's Col. Mr. Carter certainly made a good selection when he bought this boar, then a pig, direct from Mr. Seckman's herd. Another boar bought the same season that has proven a good breeder and that is bred in the purple as well, is L. C.'s Defender, sired by old Defender 25893 (a) who was grand champion at the International in 1909 and won repeatedly in leading shows. Through his dam he traces directly to Ohio Chief, Proud Advance and Helen Blazes, the latter being one of the most noted sows of the breed. Mr. Carter has 35 September gilts that he is reserving for his big bred sow sale. They will be either by Dreamland Col. or L. C.'s Defender and will be bred to the two boars to the best advantage. The sale will be filled out with a few choice tried sows and spring gilts and also a few boars. It is Mr. Carter's desire to make this the "attraction sale" of the winter. The date will be claimed soon and will appear in Farmers Mail and Breeze. Mr. Carter certainly has the goods this time, both breeding and individuals. Be sure that you are on his mailing list for a catalog.

Spangler's Shorthorn and Poland Sale.

This is the last issue in which we will have an opportunity to call our readers' attention to the big Shorthorn cattle and Poland China hog sale to be held at Milan, Mo., Tuesday, September 24, by S. S. Spangler. For good, useful, reliable breeding stock of both Poland and Shorthorns this sale will offer attractions that can be found in no other sale to be held this fall. Mr. Spangler has spent years in breeding up his herds and buyers will get the results of his years of experience in stock they purchase at this sale. The Poland will be

SHEEP.

Registered Shropshire SHEEP
65 bucks, one, two and three years old. Out of Imported sire and many of the dams imported. Priced to sell. R. A. LOUGH, Osborne, Kansas.

30 Oxford and Hampshire RAMS,
one to two years old, for sale. Also Chester White pigs of both sexes. W. W. WALTIRE & SONS, Peculiar, Mo.

SHROPSHIRE RAMS.
Pure bred but non-registered. The produce of 20 years close selection and proper matings. Registered rams on pure bred ewes. Priced for quick sale. H. H. HAGUE & SON, R. 6, Newton, Kan.

Shropshires

A high class lot of registered two-yr.-old rams for sale.
HARRY NANCE,
R. R. No. 2, Pattonsburg, Missouri.

SHROPSHIRE.

I have good pure bred Registered yearlings and two year rams for sale.
JOHN COLDWATER,
CHASE, RICE CO., KAN.

ABERDEEN-ANGUS.

RIDGE PRAIRIE ABERDEEN ANGUS.
Rutger Heatherson 3d 118104, a choicely bred Heatherbloom, in service. The best families represented. A few choice cows, bred, and open heifers for sale. Prices right, satisfaction guaranteed.
W. G. DENTON, DENTON, KANSAS.

Sutton Farm Angus

For sale, our entire crop of 1911 spring bulls, individually or in carloads; great, well grown, lusty fellows, sired by the best of herd bulls. Bulls from this herd sire winning steers in Chicago, Denver, Fort Worth and Kansas City shows annually. Also 20 head imported and Canadian bred Shropshire sheep, and selections from a large and high class herd of Berkshire hogs.
SUTTON FARMS, LAWRENCE, KANSAS.

We Make Cuts!

The Mail and Breeze has the most complete plant in Kansas for the making of first class half-tone engravings and fine etchings and is prepared to fill all orders. Particular attention given to general newspaper illustrations. Our cuts cannot be excelled and are guaranteed satisfactory. Lowest prices consistent with good work.
THE MAIL AND BREEZE, Topeka, Kan.

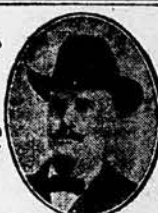
Herd Established Over 25 Years

Evergreen Crest Galloways
Over 1,300 acres devoted to purebred Galloways, sheep and horses. Flagstaff 28205 and Sally's Othello 35696, both sired by Imp. champion bulls, in service. Five top yearling bulls for sale. Inspection of herd invited. J. & W. R. Clelland, New Hampton, Mo.



H. S. DUNCAN,
Live Stock Auctioneer,
Clearfield, Pa.

R. L. HARRIMAN,
Live Stock Auctioneer,
Bunceton, Mo.



MISSOURI AUCTION SCHOOL

Largest in the world and only school where students are given actual practice in sale of all kinds of property and have an opportunity to see American Royal Stock Show Free.
TERM OPENS Oct. 7 at 14th and Grand Ave., Kansas City.
W. B. Carpenter, President, Real Estate and Live Stock Auctioneer

Lamer's Coming

From France with Sixty Head of Percheron Stallions—Due to Arrive September 20.

C. W. Lamer & Co., Salina, Kansas

American Royal Live Stock and Horse Show

World's Clearing-House Live Stock Exhibition

American Royal Grounds

Kansas City Stock Yards, Oct. 7-12, '12

CATTLE—Hereford, Shorthorn, Galloway, Aberdeen-Angus. Breeding, feeding and fat cattle; range cattle.
DRAFT HORSES—Percheron, Belgian, Shire.
MULES.

SWINE—Berkshire, Chester White, Duroc-Jersey, Poland China.
SHEEP—Cotswold, Hampshire, Shropshire, Southdown, Oxford.
ANGORA GOATS. POULTRY.
Students' Judging Contest, October 7.

Horse Show Six Nights, October 7-12, 1912

SALES—Auction sales of breeding cattle: Herefords, Tuesday, Oct. 8; Shorthorns, Wednesday, Oct. 9; Angus, Oct. 10th; 50 Galloways at private sale. Public and private sales of native and range bred feeding cattle, and of all kinds of livestock.

A. M. THOMPSON, Sec. & Gen. Mgr., 649 Live Stock Exchange Kansas City, Mo.

HEREFORDS.

MATHEWS' REGISTERED HEREFORDS
For sale. 8 long yearling bulls, 30 yearling heifers, also cows with calves by side—extra good cattle, strong in Anxiety 4th blood.
FRED MATHEWS & SONS, Kinsley, Kan.

BLUE GRASS STOCK FARM Herefords
Cows, Heifers and young bulls for sale. 180 head in herd. Breeding matrons by Militant, Lamplighter, Shadland, Dean 2d, Gentry Briton 8th, Hesiod 2d and Wilton Almo 6th. Visitors Welcome.
W. T. WRIGHT, Route 8, Mt. Pleasant, Iowa.

Klaus Bros.' Herefords!
We offer 16 head of strong, rugged bulls, herd header material, ready for service, sired by Fulfiller 3rd, Fulfiller 25th and Beau Onward. See our show herd at the leading western fairs.
CLAUS BROS., BENDENA, KANSAS.

Modern Herefords

ROBT. H. HAZLETT
Hazford Place
Eldorado, Kansas

DAIRY CATTLE.

CHOICE Reg. Jersey Bulls \$50.00 each. Full descriptions on request. **V. E. SWENSON, Little River, Kan.**

FOR SALE. One two-year-old Jersey bull for \$50.00. A good one.
J. S. MARK, GALESBURG, KANSAS.

HOLSTEINS—CHOICE BULL CALVES.
H. B. COWLES, TOPEKA, KANSAS.

Dutch Belled and Holstein
male and female calves for sale from exceptionally good milkers. Springdale Stock Ranch, Concordia, Kan.

LINSCOTT JERSEYS
Only registered herd of merit in Kansas. A grand son of Golden Fern's Lad—bred for butter—and 20 cows and heifers for sale at moderate prices.
E. J. LINSCOTT, HOLTON, KANSAS

Holstein-Friesian Bulls
For sale—choice young bulls, sired by Pieterje Hengerveld Nannette, first prize bull 3 state fairs, 1911, from producing cows. Exceptionally fine markings. **W. C. JONES, Rural 2, Topeka, Kan.**

Jersey Cows and Heifers
We have for sale 30 head of young cows and yearling heifers. Also a few young bulls. See our herd at either the Iowa, Kansas, Nebraska, or Missouri State Fairs.
SMITH & ROBERTS, BEATRICE, NEBR.

HOLSTEINS

High grade cows and heifers in milk. 8 yearling heifers just being bred. Bulls ready for service, full blood but not registered.
STA. B. TOPEKA, KAN., IRA ROMIG.

Choice Jersey Bulls

I am offering a few young bulls, sons of Oxford's Masterpiece, a son of Oxford Lad; Oxford's Brigadier, a son of Gamboe Knight; Merry Maiden's Golden Lad, a son of Merry Maiden's 3d Son; and Eurybia's Ekke. I have but a few of these calves that are ready for service. Will sell them reasonably while they last. Write for prices and particulars.
W. N. BANKS, INDEPENDENCE, KANSAS.

GALLOWAYS.

G. E. CLARK, W. W. DUNHAM.
CAPITAL VIEW GALLOWAYS.
12 Miles West of Topeka.
A choice lot of bulls 10 to 20 months old, by imported and American bred sires. They will please you. Address
CAPITAL VIEW RANCH, Silver Lake, Kan.

FortLarned Herd

40 REGISTERED BULLS. 20 GALLOWAYS and 20 RED POLLS, 10 to 20 months old. Priced to sell.
E. E. FRIZELL, LARNED, KANSAS

HAMPSHIRE.

Wittorff's Hampshires Best blood lines, spring pigs, pairs and trios unrelated. Descriptions guaranteed. **F. C. Wittorff, Medora, Kas.**

Pure Bred Hampshires
Inspect our herd or write for prices. Our motto is to please. **ALVIN LONG, Lyons, Kansas.**

REGISTERED HAMPSHIRE HOGS

of various ages not akin; two registered and one grade Dutch Belt bulls, also 1 spotted Arab stallion.
C. W. WEISENBAUM, ALTAMONT, KAN.

Try The White Belts

Cloverdale Farm offers a number of extra nice Hampshire hogs for sale.
T. W. Lavelock, Princeton, Kas.

WRITE J. F. PRICE,
Medora, Kans.
For prices on Pedigreed HAMPSHIRE HOGS. S. C. B. Leghorn eggs.

sold in the morning and the Shorthorns in the afternoon. The Poland offering includes 40 head, the get mostly of Mr. Spangler's good boar, Hutch Hadley. They all are of spring farrow, have been well grown and are from sows that are the result of 18 years' continuous breeding from a foundation stock that was second to none. An attraction of the offering will be two top early spring boar pigs by Wallace's Expansion Wonder and out of a Grand Leader dam. The Shorthorn offering numbers 35 head and is made up mostly of the set of the two great bulls, Marshall Anoka and Royal Marshall. These two bulls combine the best blood known to the breed and are sires of proven merit. This sale offers an opportunity to select good herd header bulls and females that have been bred for generation after generation with a view to their utility and future usefulness. It is too late now to send for a catalog but it is not too late to attend this sale. Mr. Spangler's reputation for producing good stock should be sufficient reason for those in the market for really high class stock of either breed to be in attendance. He extends a cordial invitation for all to be there. Cols. Bellows and Harriman will cry the sale and mail bids may be sent to them or to C. Walker, fieldman for this paper, in Mr. Spangler's care.

Melsner's Annual Poland Offering.

One of the important early fall sales of Poland Chinas in Kansas is the T. J. Melsner sale of 40 odd head to be sold at Sabetha, Kan., Tuesday October 2, the day before the Grönninger & Sons sale at Bendena. Breeders and farmers have come to recognize that Mr. Melsner's annual offering is a good place to secure high class breeding stock in both boars and sows. His Polandans have the reputation of proving out and Mr. Melsner's square deal methods have made him many friends and customers. This sale will include 18 fall boars, one fall gilt, 15 spring boars and seven spring gilts all sired by his quartet of good big type boars, Metal Choice, Gold Utility, Grand Expansion and King Jumbo. The old saying that a chain is as strong as its weakest link should apply also to a herd of hogs in that the herd is as strong as its weakest herd boar. In this quartet of boars Mr. Melsner has four that for general all around quality are hard to beat. Metal Choice has been in the herd for about three years and each year the get of this boar has been the attraction. He is sired by Missouri Metal, the Hobson boar now heading L. V. O'Keefe's herd. Gold Utility is by the great Gold Metal and out of a dam by Chief Goldust; Grand Expansion is by the immortal Expansion, out King Jumbo is by Long King's Equal, out of a dam by Prospect. These three young boars, all farrowed in 1911, and all within two months of the same age have developed into top notches and have sired a highly desirable lot of pigs in this herd. The dams of the offering to be sold are a selected lot of herd sows carrying the very best of big type blood lines. Mr. Melsner does not claim that this offering is the best in the country—and he wouldn't if they were. He says it isn't what he thinks of them, it is what the other fellow thinks, and he prefers that his customers should put their personal stamp of approval on his offering. On a basis of utility, good breeding carefully and intelligently blended, and backed by the square deal he solicits the patronage of his old customers and of breeders who have never attended his sales. The catalogs are out and will be sent upon application by mentioning this paper. Mail bids may be sent to the fieldmen or auctioneers in Mr. Melsner's care. Write him today.

Great Offering Yearling Sows and Boars.

One of the most valuable and useful collections of big type Poland Chinas to be sold this year is the offering of 50 head which Herman Grönninger & Sons, of Bendena, Kan., will offer on Wednesday, October 9. This sale is important for several reasons. In the first place Messrs. Grönninger have been breeding Poland Chinas for over 30 years and in their breeding operations covering that period they have established themselves in the king row. They have done this by producing only high class breeding stock, by treating their large clientele fairly and by putting their own personal guarantee behind what they sell. The writer has had the pleasure of visiting the Grönninger herd for over five years and we can truthfully say this firm never has sold a poor lot of hogs. In the second place this offering will contain a larger number of mature sows and boars than any sale to be held this fall. Considering the fact that the 1912 spring crop of pigs has been universally late this offering of yearling sows and boars is especially timely and offers an opportunity for the selection of sows with which to replenish breeding herds or to fill winter sales of bred sows. All told 30 head of these grand yearlings and mature sows will be sold. Likewise the equal of which is hard to find, and 27 head of fall and spring yearling gilts, the equal of which in size, quality and valuable breeding propositions will not be offered this fall in one sale. This offering has been selected from the Grönninger herd numbering over 300 head and represents the very best. Every one who has seen this string of sows pronounces them a great lot and have complimented the Messrs. Grönninger on their foresight and ability to offer at this time a lot of sows of such quality. The 20 head of boars represent the best of the 1911 fall crop. They have the size, they have the quality and they have the breeding that insures their future usefulness. They have been carefully fed and intelligently handled and are ready to go out into other herds and do hard service. Among them are a number of herd header prospects that should not be overlooked by breeders and farmers in the market for a good sire. The offering is sired by Big Hadley's Likeness, the great son of Big Hadley that has done such good work in this herd; Exalter, the great Expansion's Son, Expansion Over and a number of other prominent big type sires. They are out of the Grönninger herd sows, which represent one of the most valuable collections of breeding sows in the country. The Messrs. Grönninger extend a cordial invitation to everyone interested in good stock to be in attendance. The advertising of this sale appears elsewhere in this issue. Read it over and write today for a catalog, which gives full and complete description of the offering. Kindly mention the Mail and Breeze when making inquiry.

O. I. C. SWINE.

O. I. C. Pigs \$10.00 each. ROY S. ENRIGHT, Burns, Kans.

BERKSHIRES.

Jewell County Berkshires Fall gilts and yearling sows for sale, bred or open. **C. W. ELYEA, JEWELL CITY, KANS.**

BERKSHIRES and Polled DURHAMS 200 pound boars, a few sows, herd bull and young bulls. **C. M. Albright, Overbrook, Kansas.**

WAITE'S BERKSHIRES. Choice young Boars and Gilts, also tried sows. Most famous Robins Hood Blood. We guarantee satisfaction. Call or write **LEON A. WAITE, WINFIELD, KAN.**

Berkshires That Make Good

With size, bone and feeding qualities that please the farmers as well as ability to win in the show ring. Undeated young herd bred by exhibitor, three state fairs.
C. G. NASH, ESKRIDGE, KANSAS.

BERKSHIRES, SHORT-HORNS and JERSEYS

FOR SALE—25 boars by Robins Hood Premier 2d or Rival's Lord Premier, and out of sows representing such sires as Imported Baron Compton, Berryton Duke and Premier Longfellow. Also a choice Shorthorn bull calf by Silk Goods and out of a show cow.

W. J. GRIST, :: OZAWKIE, KANSAS

Sutton Farm Berkshires

We are offering selections from 100 spring pigs, mostly sired by Judge Robins Hood, at very attractive prices. We are also booking orders now for some very nice gilts bred for early fall farrow. We will sell two tried sows bred for Sept. farrow.
Sutton Farms, Lawrence Kansas.

MEADOW BROOK BERKSHIRES AT BURLINGTON, KANS.

200 bred sows, all bred to Premier Longfellow, King's 2d Masterpiece, True Type, King's 4th Masterpiece, King's X Masterpiece (the greatest yearling we ever raised), Forrest Count, etc. One hundred open sows and twenty extra nice males. Two extra good herd boars for sale (every one deep in breeding and rich in blood).
E. D. KING, BURLINGTON, KANSAS.

O. I. C. SWINE.

O. I. C. Pigs \$10.00 EACH. Harry Haynes, Meriden, Kan.

EDGEWOOD O. I. C's. Choice spring boars and gilts, slaty or mated, also bred gilts. **HENRY MURR, TONGANOXIE, KANS.**

O. I. C. 40 pigs, some good fall boars and tried sows for sale. Express prepaid. Everything registered free. **F. C. GOOKIN, RUSSELL, KANSAS.**

STAR HERD O. I. C's.

Breeding stock of various ages, either sex. Best breeding registered in this herd. Write your wants.
ANDREW KOSAR, GLASCO, KANSAS.

O. I. C. SWINE

Fall boars and gilts, spring boars and gilts for sale. An extra strong offering. The best at average prices. Address at once, **CHARLES H. MURRAY, FRIEND, NEBR.**

RIVERSIDE FARMS O. I. C's.

BOONVILLE, MO.
I have for sale 12 September gilts by O. K. Perfection and 6 tried sows bred for Sept. farrow; 6 winter boars; 13 winter gilts, bred or open; one yearling boar by Mear's King and a choice lot of spring pigs of the best breeding. I have the easy feeding big kind. Write me your wants.
JNO. H. NEEF, BOONVILLE, MISSOURI

DUROC-JERSEYS.

HUSTON'S DUROCS
20 boars by Golden Model 3rd 11787, the type that will make money on any farm and improve any herd. Satisfaction guaranteed. **W. R. HUSTON, Americus, Kan.**

CRIMSON PRIDE 101383 FOR SALE
Two-year-old. Splendid breeder. Most of our reserved gilts by him. Sired by Nebr. Chief, by Ohio Chief, a bargain. **P. C. GARRETT & SON, Farm 2, BLOOMINGTON, NEB.**

Star Breeding Farm

Herefords and Durocs

Bulls, 15 to 30 months, single or carlots; also females any age. Durocs headed by the champion B. & C's Col. Both sexes for sale.
SAM'L DRYBREAD, ELK CITY, KANSAS.

Sheep! Sheep! Sheep!

At Auction, Wichita Union Stock Yards
Wichita, Kan., Thursday, Sept. 26

One O'clock P. M.

1000 Head of Sheep

For breeding purposes mostly good grade, one, two and three year old Shropshire, Southdown and Rambouillet breeding ewes. They are a profitable type both for wool and mutton. A number of high grade and registered Shropshire Rams will also be sold. This sale should interest the whole southwest.

Every Farmer Should Raise Some Sheep

They will live on what would only go to waste and at the same time help to restore fertility to your soil. This perhaps will be the largest public sheep auction ever held in Kansas.

This offering has been carefully selected. The man who buys a few will want more. Sometime ago, according to F. D. Coburn, Kansas had more dogs than sheep. She should have more sheep. There is no better time than NOW to buy a flock of ewes and raise some sheep. For further particulars address

Coppin's Sheep Commission Co.,

H. A. J. COPPIN, Mgr., WICHITA, KANSAS.

COL. BOYD NEWCOMB, Auctioneer. A. B. HUNTER, Fieldman.

DUROC-JERSEYS.

WALNUT GROVE FARM.
Boars and gilts, sired by B. & C's Col. and R. C's Buddy. Also spring pigs.
R. C. WATSON, ALTOONA, KANSAS.

FASHIONABLE BREED DUROCS
Graduate Col. at head of herd. Gilts bred to him and spring pigs either sex by him.
Royal Sion Stock Farm, Winfield, Kan.

CRIMSON WONDER AGAIN BOARS.
A yearling dam by W. L. A's Choice Goods, a herd head and show prospect. Several early fall boars, 3 full brothers to Crimson Wonder 3d. Booking orders for pigs by C. W. A. and other boars.
L. R. VAN NICE, RUSSELL, IOWA.

BEAVER VALLEY HERD DUROCS.
Boars and gilts sired by Grand Master Col. II 94903 (Grand Champion and sire of winners at Oklahoma State Fair, 1911), Defender Col. 112287, Autocrat 94765 and Muncie Col. 113779. Satisfaction guaranteed.
W. A. WILLIAMS, MARLOW, OKLAHOMA.

March and April Boars Tops of 80 head by Echo's Crimson Wonder, Belle's Chief, Echo's Chief. Gilts reserved for Feb. 14 sale.
H. H. KOENIG, DEWITT, NEBRASKA

Pleasant View Durocs. Choice March and April boars. Write for prices.
T. F. TEAGARDEN, WAYNE, KAN.

Crimson Wonder Breeding Top boars sired by Echo's Crimson Wonder. Write for prices. A square deal.
DAVID BOESIGER, COURTLAND, NEBR.

HEBRON FARM DUROCS
30 Sows and Gilts bred for Aug. and Sept. Farrow. Also March and April Boars.
H. H. SHAW, Hebron, Nebraska.

BONNEY K - KANSAS SPECIAL
Spring boars for sale but all best gilts reserved for February bred sow sale.
W. E. MONASMIT, FORMOSO, KANSAS.

BIG TYPE DUROCS Representing the best blood lines. Over 50 sows in herd. Big crop of choice spring pigs. Stock of all ages for sale. Fall sale Oct. 17.
Moser & Fitzwater, Goff, Kansas.

Fisher's Durocs Herd boars, Graduate Col. 28278, Crimson Prince 68327, Ruby's Chief 104417, King's Col. F. 89365. These boars are among the best in the state, and sows in herd bred equally as good. Describe what you want, stating price you wish to pay.
H. E. FISHER, Des Moines, Harper Co., Kansas.

DUROCS

Great crop of spring pigs. Tried sows for August and September farrow. bred to our great boar, Good E. Nuff Again King.
W. W. Otey & Sons, Winfield, Kan., "The Men With the Guarantee."

Bonnie View Herd Duroc-Jerseys
75 large, well grown spring pigs.
SEARLE & COTTE, BERRYTON, KAN.

FALL BOARS BY DREXEL'S PRIDE
The sire of my show hogs. Spring pigs by him and Queen's Wonder 112317, a sensational Crimson Wonder Again yearling. All choice and priced right.
W. T. HUTCHISON, CLEVELAND, MO.

Ticer's Durocs Am offering a few good young Valley B. and B. & C's Col. boars, worth the money; also a few bred sows. Will book orders for spring pigs.
C. L. TICER, HARRAH, OKLAHOMA.

Prince Wonder 2nd. No boar sale but best for private sales. Gilts reserved for February 7 bred sow sale.
A. T. CROSS, GUIDE ROCK, NEBRASKA

BUDDY K IV, and B. & C's COL.
Boars and Gilts by these great sires and sows and gilts bred to B. & C's Col. For sale at reasonable prices. For full particulars write
J. J. BAKER, INDEPENDENCE, KANSAS.

SALINE VALLEY STOCK FARM
Am offering 50 big smooth March and April pigs for sale at prices that ought to sound good; 2 big winter boars ready for service. Write me your wants.
J. LEE DUNN, Russell, Kansas.

Taylor's Duroc-Jerseys
The herd that produces State Fair winners. Spring pigs for sale. See my show herd at the Missouri State Fair and American Royal.
CHAS. L. TAYLOR, OLEAN, MISSOURI.

DUROC BRED SOWS, Gilts and Boars
Some bred sows, fall and spring gilts and boars. Two fall boars sired by the famous B. & C's Col. Pedigrees furnished. PRICES REASONABLE.
JUDAH BROS., HIATTVILLE, KANSAS.

DUROCS-RED POLLS
30 summer and fall boars, 25 tried sows and fall gilts (bred) and spring pigs either sex. at FARMER'S PRICES.
Young bulls and females all ages cheap.
GEO. W. SCHWAB, CLAY CENTER, NEB.

Quivera Place DUROCS
Spring boars for sale by Quivera and M. & M's. Col. Gilts reserved for Jan. 8 bred sow sale.
MUNSELL & ISENBERG, Herington, Kan.

Dreamland Colonel
35 Sept. yearlings and tried sows for big bred sow sale in February. Nothing better. Also choice boars.
LEON CARTER, Asherville, Kan.

BANCROFT'S DUROCS
We hold no public sales. Nothing but the best offered as breeding stock. Three choice September boars. Tried sows and September gilts bred for September and October farrow. Spring pigs, either sex. Pairs and trios not akin. Price right. Customers in six states satisfied. Describe what you want. We have it.
D. O. BANCROFT, Osborne, Kansas.

Kansas and Missouri

GEO. W. BERRY.

Hill & King of Dover, Kan., won the first prize on Poland China boar pig under 8 months old. This blue ribbon boar is a member of a litter of choice pigs sired by Meddler 3d and out of Miss Quality. Messrs. Hill & King deserve high compliments on winning this coveted prize in a large show of Poland Chinas comprising the best show herds of Iowa, Nebraska and Missouri as well as Kansas.

C. H. White, Burlington, Kan., made a good showing of Shorthorns at the Topeka fair, in the Kansas show, winning 23 ribbons, including the championship on bulls with Richelieu, also, the championship on Kansas heifer, Martina. Mr. White showed a nice calf herd headed by Illuminator, a fine roan youngster by the Nevius show bull Searchlight, and out of Gratitude, a Scotch Brawlath.

The string of fat steers exhibited by the Kansas State Agricultural college attracted a great deal of attention at the state fair. The college fed steers included the Shorthorn, Aberdeen Angus and Galleyway champions, first, second and third aged steers, all breeds, and first and second herds, winning in all, 11 prizes. The college exhibit was in charge of Leslie Ross and assistant, L. L. Fowler.

R. D. Martin, Eureka, Kan., breeder of Duroc-Jerseys, won the first prize at the state fair at Topeka on his senior yearling boar, Beauty's Babe. This boar was the champion Duroc boar at the Hutchinson fair last year, and has grown and developed in a very satisfactory way. At Topeka he showed against the Iowa and Nebraska state fair winners, the very strongest competition of the year, making his winning the most creditable.

Thompson Brothers, Garrison, Kan., were awarded eight premiums on Duroc-Jerseys, at the state fair at Topeka. Their prizes included the National Duroc special first premium for best herd any age bred by exhibitor. Their aged sow Golden Queen won first prize in open class, defeating the grand champion sow of the recent Iowa State Fair. Thompson Brothers won second on young herd in open class, and also on young herd bred by exhibitor.

Al. E. Smith of Lawrence, Kan., made the strongest showing of jacks that has been seen at this place in many years. Mr. Smith is one of the oldest and most successful breeders of jacks in the West. He owns a large herd of jennets and keeps a great collection of jacks of the mammoth type. Many of his jacks are 16 hands and over and combine remarkable style and finish with heavy bone and substance. The string of mammoth black jacks shown by Mr. Smith at Topeka last week attracted a great deal of attention from visiting farmers.

J. R. Blackshire showed 18 head of Duroc-Jerseys at Topeka, winning 13 premiums. Among the good things won by Mr. Blackshire were first prize on get of sire, Dandy Lad, and first on produce of sow, Lincoln Model. In the estimation of many the prize on get of sire is the most valuable to the breeder, with the produce of dam a close second in value. Mr. Blackshire is a persistent showman in recent years, and it is safe to say has won as many premiums on Durocs, and perhaps more, than has any other breeder in the state. His herd will be seen at the Hutchinson, Kan., and Oklahoma fairs.

Klaus Brothers of Bendena, Kan., made a most creditable showing of Herefords at Topeka. The 14 head shown were bred by Klaus Brothers, with a single exception, and this animal was calved their property. Klaus Brothers are careful breeders and they breed their show cattle and give them their personal attention. No other breeder in late years has achieved more pronounced success in herd improvement as well as in the show ring than this firm. At the Iowa and Nebraska state fairs as well as at the Kansas fair Klaus Brothers were well up in the rating in the strongest competition that has ever been seen in this breed.

W. C. Jones, Topeka, exhibited 22 head of Holstein cattle, winning 15 premiums, including first on the 2-year-old bull Pierte Hengeld Nannette, first on junior yearling bull, first and second on bull calves and junior bull championship. Pierte Hengeld Nannette, the herd bull and first prize winner above mentioned, is one of the great show bulls of the breed and has proved an excellent sire. He not only shows the evidences of a great dairy sire individually but transmits his qualities to his get to a high degree. His calves have beautiful markings and are much admired by visitors. Mr. Jones reports a rushing demand for breeding stock.

Searle & Cotte, breeders of Duroc-Jersey hogs, Berryton, Kan., with 12 entries at the state fair won 11 premiums. On a litter of pigs from Bonnie's Pride and sired by Tawalla, this firm won first and second on gilts and second and third on boars, under 6 months old. Other prizes were third on young herd bred by exhibitor, third on get of sire, third on produce of sow, and second National Duroc special. The Duroc show was decidedly the strongest ever made at Topeka. With the prize winning herds from the Iowa and Nebraska state fairs in competition, Searle & Cotte were awarded more ribbons than any other exhibitor but one in the show.

Striker Brothers made an exhibit of Poland Chinas that was greatly admired by visitors in the swine department. Striker Brothers were awarded eight prizes including first in class under 12 months and the junior championship on Casino, a boar sold recently at public auction by S. P. Chiles and secured by Striker Brothers in time to show at Topeka. Casino defeated the winners from the Iowa and Nebraska state fairs, and verifying the statement made prior to Mr. Chiles's sale that this boar or his mates could win in any show. Messrs. Striker won, also, second on senior yearling boar Choice Pilot, get of sire, produce of sow and young herd. This firm will make the southern circuit in Oklahoma, Arkansas and Louisiana.

One of the most interesting exhibits in the cattle department at Topeka was made by Achenbach Brothers of Washington,

DUROC-JERSEYS.

LITTLE OAK DUROCS Early spring boars served for February 22 bred sow sale.
Geo. P. PHILIPPI, Lebanon, Kan.

Deep Creek Herd Durocs
Choice spring boars now ready to ship, also gilts bred for September and October. Best of breeding. Write your wants.
C. O. ANDERSON, MANHATTAN, KANSAS

College Hill DUROCS
March and April boars and gilts from state fair winners. Choice boars by G. M's. Col. and Carl's Critic. Farm joins Agricultural College.
W. W. BALES & SON, Manhattan, Kansas

DUROC-JERSEYS.

Perfection Stock Farm
Nov. boars and gilts; also 80 choice spring pigs by State Fair grand and reserve champions. Pairs and trios not related. Ship on approval. Prices right. Write your wants.
Geo. M. Glasen, Union City, Okla.

EARLY SPRING PIGS

35 Duroc-Jerseys of TATAKAX, WONDER CHIEF, and COLONEL breeding. 20 Berkshires of BERRYTON DUKE 2ND, HERRYTON DUKE JR., and BEAU BRIMMEL breeding. A few bred sows and yearling gilts. Also Southdown, Hampshire and Rambouillet yearling rams. Address: DEPARTMENT OF ANIMAL HUSBANDRY, Manhattan, Kansas.

JOHN T. HIGGINS, ABILENE, KAN.

has 40 head of choice Duroc spring boars, sired by "Crimson Wonder Again," "King the Col," "Golden Model 11th" and 10 other leading sires of merit. Out of No. 1 dams of faultless breeding. They are priced to sell. Would prefer your visit but will take pleasure in correspondence. Address as above.

POLAND CHINAS.

POLAND CHINAS.

Prairie Springs Big Type Poland Chinas.

O. K. Lad 58098, the 1,000-pound son of Pawnee Lad, and Exalter's Wonder in service. Choice stock by the leading big-type sires for sale. Fall sale October 19. Come or write
C. L. BRANIC, Hiawatha, Kansas.

EXPANSIVE FALL BOARS FOR SALE!

I still have a few extra choice fall boars by Expansive, August and September, 1911, farrow, weighing 300 pounds and better. These are extra good in every respect and are the last sired by this great boar. To see them is to buy. I guarantee satisfaction. Write or call.
H. B. WALTER, EFFINGHAM, KANSAS

HERMAN GRONNIGER & SONS, Bendena, Kansas

WE HAVE BEEN BREEDING POLAND CHINAS FOR MORE THAN 30 YEARS.
Over 300 head in herd. All popular big type blood lines represented. Can supply the trade with boars or gilts of any age. Oct. 9 we sell a great offering of yearling sows, open, and top lot of fall boars, herd headers. Write for catalog.

Gildow's Mammoth Poland Chinas Herd headed by the 1080 lb. grand champion, Pawnee Chief Hadley and Big Bill Taff. For sale 80 spring boars and gilts by the above named and other big type sires and several big stretchy spotted pigs by Big King and Brandywine Jr. All out of prolific big type sows. Also two herd boars and 25 fall gilts bred or open. If you want the big, smooth kind write us. Watch for our show herd.
DR. JNO. GILDOW & SONS, JAMESPORT, MISSOURI

PFANDER'S KING 60262

by Long King, heads my herd of strictly big type sows including daughters of A Wonder, Long King, Columbia Chief, King Mastodon, etc. Only the best for sale. Fall sale October 22.
JOHN W. NOLL, WINCHESTER, KANSAS.

ETTERVILLE BREEDING FARM

Devoted to the raising of the old original Big Boned Spotted Poland Chinas. Spring pigs from five of the largest spotted boars on earth. Pairs or trios not akin. Hogs shipped anywhere on earth. They will please and are priced right.
EDGAR DOOLEY, Owner, ETTERVILLE, MO.

Big Orange Offering Braddyville, Iowa, Oct. 2

Fifty Head Big Type Poland Chinas, consisting of 40 spring and yearling boars and 12 open sows and spring gilts. The majority of this offering is sired by Big Orange, whose popularity as a sire of big quality hogs is recognized throughout the corn belt of America. We will also offer spring boars by Long King's Equal, Pawnee Nelson and a yearling by Pawnee Lad. Breeders and farmers who want high class herd boars will not be disappointed here and we extend a cordial invitation to be with us sale day. Send now for Catalog. Address

J. O. JAMES, Braddyville, Iowa

H. S. Duncan, Auctioneer; Grant Gaines, Fieldman.

ELLERBROEK'S

WONDER POLAND CHINAS

50 BIG TYPE SPRING BOARS 50
Will be sold at Public Auction at the Ellerbroek Stock Farm
Sheldon, Iowa, October 10, 1912.

I am placing before the public 50 head of extremely BIG TYPE spring boars, which are selected from 80 head, sired by our 1000-lb. A Wonder, 143421. A Wonder A. 176989, by A Wonder, 107353; Long Fellow Again, 170275; Mouw's Tecumseh, 181765; Nolan's Wonder, 176779; Big Bone Again, 183139, and others.

Their dams are sired by such boars as Big Jumbo, A Wonder 107353, Big Bone, Big Orange, A Wonder Next, Chief Leader, King, Big Price, Long Price 2nd, Choice Price, Big Black Jumbo, Choice Chief, Price's Young Wonder, and others. Conditions are the best. Any hog bought by mail bid, if not satisfactory, may be returned. Come and visit the Big Farm. 400 head in the herd. Write for catalog at once. DON'T DELAY. All inquiries to

PETER ELLERBROEK & SONS, Sheldon, Iowa.

Auctioneer, J. A. Benson. Grant Gaines, Fieldman.

POLAND CHINAS.

VANCE WITH PLENTY OF QUALITY.
Handsome young boars, gilts bred or open. Best of large type blood lines. Some boars, head leaders. Satisfaction guaranteed on all breeding stock.
OLIVER & SONS, DANVILLE, KANSAS.

ALFALFA TEA FED POLAND CHINAS.
Best large type blood lines; bred sows and gilts, the kind both farmer and breeder should raise. If you want to know more about them and how they are raised on alfalfa tea, address:
H. W. HOAK, ATTICA, KANSAS.

NORMAN BLUE 177691
For sale. The greatest herd boar offer of the season. Let me tell you about this boar quick. **W. E. WILLY, Steele City, Neb.**

NEBRASKA'S POLAND CHINAS. Spring boars for sale but best gilts reserved for February 15 sale.
L. E. HOLMES, BLOOMINGTON, NEB.

QUALITY AND SIZE Big, Smooth Poland China Boars and Gilts. Spring farrow. Write for prices. **LAMBERT BROTHERS, SMITH CENTER, KANSAS.**

HOWARD R. AMES, POLANDS
21 pigs from 15 sows. Boars and gilts for sale. Write for prices. **HOWARD R. AMES, MAPLE HILL, KAN.**

NEBRASKA TYPE March and April boars by Nebraska Chief and Pan Wonder. Tops of this season offering.
O. C. INGRAM, Bloomington, Nebr.

Poland Chinas Select young boars, gilts bred or open. Prices right. Call or address
E. J. Manderscheid, St. John, Kansas

MARCH and APRIL BOARS
And a few fall boars for sale. Big thrifty stock and big type breeding. Write for prices. **W. E. EPLEY, Diller, Nebr.**

Dietrich & Spaulding, Richmond, Kan.
Big Type Poland Chinas
Two extra fall boars and choice spring pigs, sired by Gold Mine and Pan Look.

Tabor Valley Polands
15 fall gilts bred for August and September farrow. Also 10 September boars for sale. Big, growthy stock. Priced to sell quick.
L. E. KLEIN, - Zeandale, Kansas.

HILDWEIN'S BIG POLANDS
Herd headed by a grandson of Expansive. Spring pigs by the leading big type sires of the day. Choice stock for sale and satisfaction guaranteed. Big sale Nov. 1. **Walter Hildwein, Fairview, Kans.**

MAPLE GROVE HERD
Big Type Poland Chinas
Herd headed by EXPANSION LOOK #1191. Best of big breeding and individuality represented in my sow herd. A choice lot of spring boars and gilts for sale.
R. B. DAVIS, HIAWATHA, KANSAS.

POLAND CHINAS - SHORT HORNS
A few good sows bred for Sept. farrow, and 40 spring pigs—good ones, either sex. Also choice cows, heifers and serviceable bulls. **S. B. Amcoats, Clay Center, Kansas.**

POLAND CHINAS!
Bred sows at private sale. Also fall and spring boars. Sows bred to Tom Lipton, Welcomer, Iron Clad 2d and others. Priced right. Ask for prices and descriptions.
JOSEPH M. BAIER, ELMO, KANSAS.

Long King's Best 61555
BY LONG KING
Sampson Ex 2nd 63450
BY SAMPSON CHIEF

Two big type boars that measure up to that standard in every particular. These are my herd boars. I call special attention to my sales Oct. 15 and Dec. 11 when I will sell the get of these boars and sows bred to them. Let me mail you a catalogue.
H. C. GRANER, LANCASTER, KANSAS.

Mammoth Poland Chinas
My herd boars weigh from 800 to 1,000 lbs. Am now ready to ship 200 of the big, easy feeding, quick maturing kind. Tried boars and sows, last fall boars and sows, and spring pigs of both sexes. My terms are: If you are not satisfied return the hog, and I return your money.
F. P. ROBINSON, MARYVILLE, MISSOURI

Dean's Mastodon Polands
Poland China hogs, the big-boned type, will weigh when mature, 800 to 1,000 lbs. Bred sows all sold. Will sell a few boars of serviceable age, also choice fall pigs, either sex. All
Immunized by Double Treatment
Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Everything guaranteed and sold worth the money. Address
CLARENCE DEAN, WESTON, MISSOURI

Expansion Too
heads my herd of Poland Chinas. He weighed 150 lbs. at 5 months; 420 lbs. at 12 months; 560 lbs. at 17 months and is still growing. His pigs are the same type with plenty of stretch and are easy feeders. Write for description and prices of Mar. boars and gilts.
F. S. COWLES, R. R. No. 2, Lawrence, Kan.

Kan. With eight head of Polled Durhams this firm won 13 premiums. Their prizes included first on aged bull, The Baron; first on senior yearling bull, Meadow Sultan; first and junior championship on junior yearling heifer, Thankful Martha. The pure white bull Meadow Sultan was the choice of many good judges at the ringside for the championship on bulls and no criticism would have been offered had he been so rated. He is a bull of great promise and usefulness to the breed. Achenbach Brothers are the owners of a very choice collection of cows deep in polled blood from which splendid results are confidently expected from the service of Meadow Sultan.

C. S. Nevius, the well known breeder of Shorthorn cattle, was a successful exhibitor at the state fair at Topeka, winning 13 ribbons in the open classes. The 2-year-old Nevius bred bull Prince Valentine 4th repeated his showing at the Nebraska State Fair the week previous by winning the first premium at Topeka. This bull is the thick, low down, blocky, real beef type, and has been a trouble maker to competitors in the show yard since he was a calf. The well known bull Searchlight has added considerable scale since seen in the show ring as a 2-year-old when he was shown most successfully at the state fairs and American Royal. While bearing evidence of recent heavy service, he came back in sufficient form to win second in a strong class. In the classes restricted to Kansas the Nevius herd won 25 prizes, leading all herds in the state show.

Lee Brothers of Harveyville, Kan., led all exhibitors in the horse department at the Topeka, Kan., state fair. This firm was awarded no less than 56 ribbons, six silver cups and seven gold and four silver medals. Their cash prizes amounted to over \$800, the largest sum, perhaps, awarded to any exhibitor in the livestock department at this fair. Good judges pronounced the string of Percheron mares and stallions shown by Lee Brothers the best that these gentlemen have ever brought out. This estimate is high praise for the Lee exhibit of the present season, considering the splendid showing made in past years by this firm, and remembering the many champion animals that these gentlemen have owned. Their 14-year-old stallion Scipion was on exhibition but not entered for a prize. This great horse was a center of interest to visiting breeders. The imported mare Gallette, a steel grey, the champion mare in the show, is one of the great mares of late years. Her mate, Allie, a large, dapple grey, received a large share of admiration, and the 3-year-old imported Josecaste was a close rival for championship honors. The black 2-year-old stallion Carno was declared the champion Kansas bred stallion. The weanling mare shown by Lee Brothers is one of the best colts seen on the circuit in recent years. The steel grey yearling mare and the chestnut 2-year-old stallion De-Costaline were easy winners in class for produce of one mare.

Robt. H. Hazlett, the proprietor of Hazford Place herd of Herefords, Eldorado, Kan., was awarded 15 prizes on cattle, all with a single exception, of his own breeding. The man who breeds show cattle and who shows them is deserving of the highest honors. Such a man is an improver of his breed and in the broadest sense is a constructive breeder. Were premiums restricted to animals bred and owned by exhibitor the reports of awards would read differently in most instances. While the professional showman who exercises judgment in investments in show yard animals is deserving of reward, he whose skillful mating, good feeding and careful development of the herd show the work of the producer, is more deserving of the highest reward of merit. In this connection there are many who are familiar with show yard custom that favor limiting the breeding classes, at least the young herds, and the aged herd as well, excepting the male, to animals bred by exhibitor. Hazford Herefords in charge of Wm. Condell, the farm and herd manager, made a conspicuous showing at the Iowa State Fair, winning the grand championship on steers of all ages and breeds with the purebred Hereford calf, Blanco, sired by Caldo 2d, one of the herd bulls at Hazford Place. At Topeka this Kansas bred calf was declared the champion steer of his age. The senior yearling bull Bonnie Lad 26th, by Bonnie Brae 8th, and the senior bull calf Beau Baltimore, a son of Beau Beauty, were each awarded first honors in their respective classes and were decorated with the blue at Topeka, repeating their performances the week previous, in a strong show at Lincoln. Other prizes awarded to Mr. Hazlett included second on aged herd, headed by Beau Sturgis 2d, the splendid son of Beau Brummel 10th.

Cowles's Polands Coming.
Expansive Too pigs grow like their sire did. (See ad in this issue.) The pigs offered weigh, in good growing condition, from 125 pounds to 150 pounds and are growing nicely. They are just right to ship. The herd sow, Smoky Queen, by Big Smoke, farrowed eight fine pigs two weeks ago and is raising all of them. Mr. Cowles wants our folks to write him, if interested in good Poland Chinas.

Topeka, Kansas, State Fair Notes.
J. G. Arbuthnot of Cuba, Kan., superintendent of swine at the Topeka, Kansas, State Fair, achieved distinction by showing in the horse department, and winning the championship on Percheron stallions with the 3-year-old Rowdy Boy, a steel grey. Mr. Arbuthnot was awarded the reserve championship, also, on Gaffer, a 6-year-old stallion and the sire of Rowdy Boy.

Iowa
GRANT GAINES.

Last Word About James's Sale.
We don't want to appear boastful to our readers but we are desirous of impressing on their minds the values of the hogs Mr. J. O. James of Braddyville, Ia., is selling in his October 2 sale. There are as good boars going in this sale as Mr. James ever sold and the Poland China fraternity knows he has sold some mighty good ones. Big Orange has made a nice hit in being crossed with the big, smooth, mellow sows Mr. James has in his herd and there are some
(Continued on Page 39.)

Mr. Breeder Mr. Farmer

What about sows to replenish your breeding herds? What about the few head you need to fill out your winter bred sow sale? And what about the herd boar proposition? These are vital questions at this time. We believe our coming sale is the right answer to these questions.

We Will Sell at
Bendena, Kan., Wed., Oct. 9

27 Spring Yearling and Fall Gilts
20 Fall Yearling Boars
3 Tried Sows

No time during the 30 odd years we have been in the business of breeding purebred Poland Chinas have we offered a better or more useful lot of breeding stock. This offering has been selected from our herd of over 300 head and represents the tops. This offering of so many yearling sows and gilts is especially timely, considering the fact that the 1912 crop of spring pigs has been late. These yearlings are big, stretchy, well-grown sows in the pink of condition and will be sold open.

They offer an opportunity for the breeders and farmers to replenish their breeding herds and to select a few head to fill out winter bred sow sales. No sale this fall will offer so many matured sows and boars ready to go into other herds and do hard service. The boar offering of 20 head has been well grown and intelligently handled and includes a large number of herd header prospects. **BIG HADLEY'S LIKENESS** by Big Hadley; **EX-ALTER** by Expansive; **DEFENSIVE** by Defender; **EXPANSION'S SON**, **EXPANSION OVER** and other well known boars are the sires of the offering. They are out of our great collection of big type herd sows, second to none in the country. We feel this will be one of the most valuable and useful offerings to be sold this fall and extend a cordial invitation to all who are interested in good stock to be in attendance.

Our Catalogs give a full and complete description of the offering which will be mailed upon application by mentioning Farmers Mail and Breeze. Write for one today.

Mail bids may be sent in our care to C. H. WALKER, Mail and Breeze Fieldman, or to COLS. JAMES W. SPARKS and CHARLES FOSTER, our Auctioneers. Address

HERMAN GRONNIGER & SONS
BENDENA, KANSAS

Trains will be met at Severance, on Grand Island, or Denton, on the Rock Island. Free Automobile to and from farm.

MEISNER'S ANNUAL POLAND CHINA OFFERING

Has come to be recognized by breeders and farmers as a place to secure high-class breeding stock. His Poland Chinas have the reputation of "proving out." His annual offering of the prove out kind will be sold at

Sabetha, Kans., Tuesday, Oct. 8th

METAL CHOICE GOLD UTILITY GRAND EXPANSIVE
By Missouri Metal by Gold Metal by Expansive
KING JUMBO by Long King's Equal.

This quartet of good boars are the sires of the offering which includes 18 fall boars, one fall gilt, 15 spring boars and seven spring gilts. These are out of a selected lot of big-type sows that have produced such good things in this herd heretofore. Mr. Meisner does not claim they are the best lot to be sold this fall—he wouldn't if they were—but he does claim for them that they are good and that they will go into other herds and prove out. On the basis of utility, good big type breeding, carefully and intelligently blended—backed up by the square deal, Mr. Meisner solicits the patronage of old and new customers.

The Catalog, which gives full detail of the offering, will be sent upon request by mentioning the Farmers Mail and Breeze. Write for it today. Address

T. J. MEISNER, Sabetha, Kan.

COL. ROY KISTNER, Auctioneer.

C. H. WALKER, Fieldman.

BIG BARGAINS IN REAL ESTATE

Dealers whose ads appear in this paper are thoroughly reliable and bargains worthy of consideration.

WRITE for list of improved farms in Central Kan. T. C. Cook, Lost Springs, Kan.

160 A. Osage Co. Improved farm, near town, \$4,400. A snap. Watkins Land Co., Quenemo, Kan.

WRITE for big list of Southeast Kansas and Oklahoma farm bargains. James Russell, Edna, Kan.

CHOICE 320 a., 7 mi. Topeka, 1/4 mi. Kilmier, ideal location. Good imp. Fred Pribe, Topeka.

SNAP, well imp. 1/4, ideal location, 3 mi. McPherson, no trades. Write A. W. Bremyer, McPherson, Kan.

200 ACRES in four miles of Garnett, Kan., 340 acre. Can leave \$2,400 stand. Can farm all. S. C. MILLER, Robinson, Kan.

WRITE US for E. Kan. farms near Co. seat, and good market. Prices reasonable. Wilson-Emerson Realty Co., Ottawa, Kan.

AGENTS WANTED, to sell Neosho Valley corn and alfalfa lands. \$40.00 to \$60.00 per a. G. W. Clark Land Co., Chetopa, Kan.

TREGO CO. lands, \$20.00 to \$50.00 per a.; small payment down, 10 annual payments on bal.; all staples flourish. Purcell & Phares, Owners, Wakeeney, Kan.

EVERYBODY'S doing it now. Buying wheat, corn and alf. land at bargain prices. Sale and ex. list free. L. E. Pendleton, Commerce Bldg., Dodge City, Kan.

FOR SALE—Two quarter sections, unimp. Wichita Co., Kan., \$6 and \$7 a.; fine wheat land. Let me know what you want. Geo. W. Rayhill, The Land Man, Warrensburg, Mo.

320 A., large 6 r. house, cellar, cistern, wells, windmill, large barn. Black loam soil. Lays fine. \$50 a. Catalog free. Southeast Land Exch., R. B. Adams, Mgr., Thayer, Ks.

SUMNER COUNTY, KANSAS. The best farms for diversified farming; the very choicest of improved farms. Crops are sure. Write: H. H. Stewart, Wellington, Kansas.

ALFALFA, corn and wheat lands in rain belt of Kansas. Good upland \$35 to \$75, bottom \$75 to \$100. Free land list. THOMPSON & LEWIS, Whitewater, Kan.

WRITE for big printed list of corn and alf. farms in rain belt of Kansas. Biggest list choice farms in state. Kenyon & Holzman, Concordia, Kan. (Pioneer Kan. farmers.)

GOOD ONE. 160 a. Atchison Co., Kan. Good improvements, \$24,000.00. Will take up to \$12,000 land, clothing or mdse., bal. cash or back on land. PRALLE BROS. REALTY CO., Breckenridge, Kan.

240 ACRES: good farm; good improved; 4 miles to R. R. town; Cowley Co., Kansas. I will take \$2,000 cash, \$5,500 first mortgage, balance good property for a home. Price \$50 per acre. I have other farms on good terms. Wm. Godby, Arkansas City, Kan.

HOMES in N. W. Ark. Good soil, pure water, healthful climate, from \$500 to \$20,000; also flouring mill \$4,000, good proposition. Best reasons for selling. Harness, carriage, furniture stock live town. Other bargains. Write for list. Ad. Box A-1, Hindsville, Ark.

TWO SNAPS, corn and alfalfa farms, 160 a., 1/4 mi. town, level, good soil, good imp., \$42 per a. Terms, No. 2—\$9 a. 1 mi. out, good imp., level, fine soil, \$50 per a. Terms, Close to K. C. Write for desc. map and literature. Walter Dean, Blue Mound, Kan.

200 A. bottom farm near town. 40 a. alfalfa, good imp., \$75 a. Easy terms. FRED A. REED, Salina, Kan.

EMPORIA, KANSAS. Write for list of farm bargains. They are real. Best farms for the money with best school privileges. FRED J. WEGLEY, Emporia, Kan.

SOUTHEASTERN Kansas, the garden spot of the state. Send for our Neosho Co. booklet and farm lists. We will include also a nice farm photo. MALSBUY & WALRAD, Erie, Kan.

FARMS bought at right prices are a good investment. Send for our booklet containing choice bargains in the corn and alfalfa belt of southeast Kansas. Farms, prices and terms are right. Write for it today. MILLER & SON, Petrolia, Kan.

A GOOD INVESTMENT—Unimproved half section, Central Kansas creek bottom and second bottom land. 240 acres broke, 300 acres tillable. No trades wanted. \$65 per acre. Reasonable terms. Write HENRY H. EBERHARDT, Salina, Kan.

HALF SECTION four miles from Fall River, good 6-room house, good arch cave, two barns, 140 acres plowed and could most all be farmed, but is nearly all in grass. Ten acres timber, watered by wells, big spring and ponds. Price \$30 per acre. WM. FORBES, Fall River, Kan.

98 ACRES located 6 miles from Ottawa, town of 10,000, 3 miles railroad. All new buildings, house 9 rooms, barn 36x40, extra good outbuildings, 70 acres hog tight. Price \$72.50 per acre. Don't wait to write, come at once. Terms to suit. MANSFIELD LAND CO., Ottawa, Kan.

ALFALFA LANDS \$40 to \$50 ACRE

EAST END OF HODGEMAN COUNTY

Very best bottom land, with running water, some timber. Excellent wheat land at \$20 to \$30 per acre. Come and see or write for list. M. W. PETERSON, Hanston, Kan.

DICKINSON COUNTY BARGAINS

We have many fine river and creek bottom land and also fine upland farms for sale. Good wheat, corn and alfalfa lands at reasonable prices. Write for lists. Mention this paper. BRINEY, PAUTZ & DANFORD, Abilene, Kansas.

80 ACRE home farm, 3 1/4 miles from town, half in cultivation, pasture, alfalfa, good water, four room house, barn, orchard. Price \$3,600.00. No trades. Write for free list. V. E. NIQUETTE, Salina, Kan.

240 ACRES, 5 miles from Parker, Kan., 5 room house in fair condition; barn 30x60; outbuildings, orchard; wild plums; 140 acres in cultivation; 100 acres pasture, well watered and fenced; a bargain at \$35 per acre. OLDFIELD & HENSLEY, Parker, Linn county, Kansas.

KINGMAN 1500 a. solid body, 500 cult., 300 bot. COUNTY fair bids., near market; price \$32.50, KANSAS half cash, balance at 5 per cent. JOHN P. MOORE Land Co., Kingman, Kan.

CORN, WHEAT AND ALFALFA LANDS and stock ranches \$10 to \$15. Also city property. WINONA LAND CO., Winona, Kan.

FOR SALE. Lyon county, Kansas, corn and alfalfa improved farms and ranches. Write J. E. ROMER, Emporia, Kansas, for bargain list.

FORCED SALE. I have good 80 a. farm worth \$4,000. Must sell. No decent offer rejected. L. M. E. care Mail and Breeze, Topeka, Kan.

WRITE FOR OUR BARGAIN SHEET of our farm and ranch lands in W. Kansas, also choice farm homes near Wichita, Kan. Kuhlmann Realty Co., Wichita, Kan.

EASTERN KANSAS FARMS. Corn, clover, bluegrass country. Reasonable prices and terms. Some exch. New list free. Kranshaar & Belding, Pleasanton, Kan.

COFFEY COUNTY, KANSAS. In heart of corn and tame grass belt. Farms and ranches \$30 to \$60. List free. LANE & KENT, 3rd St., Burlington, Kan.

LINN COUNTY. Fine improved farms; natural gas, coal, wood and good water; Adapted to wheat, oats, corn, flax, timothy, clover, bluegrass. Forder free. A. E. ROOT, Pleasanton, Kan.

BUY THESE—DOUBLE YOUR MONEY. 640 a. smooth wheat land in S. E. part of Hodgeman Co. 260 acres in cult. 200 a. 2nd bottom land, must sell at once. Price \$12.50 per acre, 1/4 cash, bal. 3 yrs. 6 per cent interest. R. S. MAIRS, Kinsley, Kan.

FRANKLIN COUNTY, KANSAS. 120 a. farm 5 miles town, well located, all smooth and tillable, fair improvements, price short time \$5,400. Write for list. H. H. COWAN REALTY CO., Ottawa, Kan.

IN THE OZARKS OF ARKANSAS small fruit farms pay the best; if interested in stock, fruit or grain farms, address EWALT LAND CO., Springdale, Ark.

FARM BARGAINS. Choice wheat and alfalfa lands in famous Medicine and Sharon Valley, \$25 to \$50 per a. J. P. DUNCAN REALTY CO., 712 Beacon Bldg., Wichita, Kan.

EASTERN KANSAS BARGAINS. Improved stock and grain farms; \$30 to \$65 per acre; write for list free. J. E. CALVERT, Garnett, Kan.

SHERMAN COUNTY, KANSAS. Where corn, alfalfa, and small grains of every description grow to perfection. Level, fertile land, \$10 to \$50 a. Liberal terms. Handsome, flus. cir. free upon request. G. L. CALVERT, Goodland, Kan.

120 ACRES ON CREEK \$2,000.00. Five miles from good town, large house and barn. 90 acres cultivation, mow land and timber. \$1,600.00 cash. See or write owners. UPHAM & HESS, Coffeyville, Kansas.

FORCED SALE. 160 acre imp. farm in Butler Co., 5 miles out, good water, orchard, 5 roomed house, barn and other bldgs. 80 acres plowed, all good land; must sell. Price \$5,600. Good terms. Owner, GUSS SCHIMPF, Burns, Marion county, Kansas.

LOOK HERE! 117 a., best little farm in Kansas, 60 bottom, bal. pasture, 25 alfalfa, 45 hog tight, near town, timber, fine water, \$35.00 per a. Ask about this and other bargains. F. D. GREENE, Longton, Kan.

8 MILES OF TOPEKA. 160 a. all tillable; good black alfalfa soil; 6 room house and large barn; orchard; cistern; well water; main road; \$70 per a.; terms; 80 a. all bottom; no overflow; potato land; orchard; \$90 per a. 1 1/4 mi. town. BLACK-HOOK & CO., Topeka, Kan.

BARGAIN IN KINGMAN CO., KAN. 160 a. smooth black soil, all tillable, 90 a. in cult., bal. fenced. Well, windmill, abundance water, 2 mi. from Norwich with 2 railroads to Wichita and K. C. Only \$5,200 for short time. D. E. Schmitt, Moundridge, Kan.

LINN COUNTY FARMS. Biggest bargains in Kan. Corn, wheat, timothy, clover, bluegrass land \$15-\$80. Coal, wood, gas, abundance good water. Fruit, everything that goes to make life pleasant. Large illus. folder free. EBY-CADY REALTY CO., Pleasanton and Ft. Scott, Kan.

STANTON COUNTY SNAPS

180 a. 3 mi. Johnson Co. seat at \$7.50. 320 a. 5 mi. Johnson Co. seat at \$6.50. 180 a. 10 mi. Johnson Co. seat at \$5.00. Nice smooth land, no rock or sand, new Santa Fe road building, close to artesian wells. Land no better selling at \$15. Must have 1/2 cash, bal. time. V. Swanson, 2321 Norton St., K. C., Mo.

320 ACRES FOR SALE

3 1/4 miles from Preston, all fenced and cross fenced, 320 acres in cultivation, 100 acres in pasture; good 3 room house, barn for 16 horses, granary and sheds, well and windmill. On phone and rural route. If you want a good wheat and corn farm investigate this. Price \$11,000 with good terms. CHAS. E. DYE, Preston, Kan.

READ THIS

I have a well improved 240 a. farm, 3 1/4 mi. of Scripps, Kan., for sale at the owner's price \$70.00 per a. No rock or gravel, all good time soil. No waste land. Also no trade. Other good farms in both Protestant or Catholic neighborhood for sale at the owners' prices. Cash deals a specialty. Address W. L. MORRIS, Owners Agency, Garnett, Kan.

GOOD CLAY CO. FARM

280 a., 110 pasture, bal. creek bottom; will grow alfalfa, corn and wheat; good spring water, plenty of timber, all fenced. 5 room house, barn for 8 horses, corn crib, cattle sheds and other outbuildings. For terms apply to L. J. Keith (Owner), Clay Center, Kan.

MRS. AND MISS FARMER

Butter and egg money carefully invested would soon amount to a neat sum. You can buy choice residence and business lots in PLAINS, KANSAS, now at \$17.50 to \$50 on easy monthly payments without interest. Will advance rapidly. It will pay you to investigate.

JOHN W. BAUGHMAN

Plains, Kansas, Desk "G."

AN IDEAL RANCH HOME

600 a., 3 mi. from thriving town, 200 a. in cult., 70 a. good alfalfa land, 20 a. alfalfa. Bal. meadow and pasture. All fenced, cross fenced. Never failing spring in each pasture with timber. Good new, well finished, modern 10 r. house with concrete cave, good well soft water with windmill. New barn 32x40 ft. with good mow room, cow barn 24x36, R. F. D. and phone. Ranch can be divided into two farms nicely. Price \$25 a.

WILSON & MEEKER, Winfield, Kan.

FOR SALE OR LEASE

A 1,600 a. ranch in Stanton Co., Kan., located one-half mile south of Floto P. O. and five miles north of Johnson City, the Co. seat. On this ranch is about ten miles of three-strand barb wire fence; two good wells with windmills; a stone house with basement; stock sheds and barn. This ranch can be bought, if sold soon, for \$10,500. If not sold soon will make five year lease to competent party. For terms and any other information, address the owner, JAMES ST. JOHN, Hutchinson, Kan.

Agricultural College

Live near while educating your children. City, suburban and farm property for sale. Choice locations. Write your wants. L. D. ARNOLD, Manhattan, Kansas.

480 Acre Alfalfa Ranch Bargain

100 a. in alfalfa on good black loam soil. Will get four large crops and pasture crop. 165 a. good farm land, bal. in pasture with abundance of living water and timber. 2 1/4 mi. R. R. station. Price \$25 per a. if taken soon, good terms. B. F. HINKHOUSE, Palco, Kan.

A REAL ESTATE BARGAIN

We have the exclusive sale of a 320 acre stock and grain farm. 7 1/2 miles from Burlingame, 3 miles from Rapp Station, on the Missouri Pacific railroad; 1/4 mile from school; good 7 room house, and barn 24x32, \$45 per acre; terms to suit purchaser. AMOS & DOTY, Burlingame, Kan.

Fine Half Section

on Santa Fe Extension. All tillable rich soil. 11 miles from Hugoton, Kansas, to which Santa Fe Extension is building. Dark sandy loam. No waste. On telephone line and R. F. D., 1 1/2 miles from school and church. \$3,700. Will carry \$2,000 till Jan., 1914, at 7 per cent. This bargain won't last. E. J. THAYER, Liberal, Kansas.

Sedgwick County Farm Bargains

280 a. first bottom farm improved, one mile railroad town; \$45 per acre. \$2,000 cash, balance to suit. 320a. improved best alfalfa or wheat land \$65 per a. terms. 160 a. Arkansas river bottom land only 4 mi. of Wichita, improved, \$110 per acre; \$2,500 cash, balance to suit. 80 a. good improvements, valley land, 6 mi. of Wichita, \$80 per a. Terms, Call on or write H. E. OSBURN, 227 E. Douglas, Room 1, Wichita, Kan.

Administrator's Sale

400 acres in Osage Co., can be divided. 140 acres in cultivation, best bottom land. Balance meadow and pasture. Two sets of improvements in fair condition. One six room basement house. Large pole barn with open scales, etc. Creek runs through farm. Over 4 miles of hog fence. This is an ideal stock and grain farm, and will be sold for what it is worth. Write for further information or better come and see. P. A. RODGERS, Administrator, Burlingame, Kan.

BARGAIN

120 acres, 5 room dwelling, good barn and outbuildings, orchard, choice valley land, fine location, 2 1/2 miles out. Price for quick sale \$55.00 per acre. Send for land list. F. C. LEBBY, Blue Mound, Linn Co., Kan. J. L. Wilson, Salesman.

TEXAS.

TEXAS LANDS. 11,000 a. fine grass land \$4.00 per acre. Abundance of water. Easy terms. Cord Smith, Topeka, Kan.

COLONIZATION tracts, potato and corn land in different sized tracts. Eagle Lake Investment Co., Eagle Lake, Texas.

FREE ILLUS. literature describing land in the famous Texas mid-coast country. Smith Diebel Land Co., Victoria, Tex.

TEXAS GULF COAST LANDS—\$7,000 a. of the best to sell to actual settlers. Write today. A. B. Armstrong, Guthrie, Okla.

WRITE FOR FREE literature describing choice lands in the Eagle Lake district. Send your name today. Fidelity Immigration Co., Eagle Lake, Tex.

CHEAP LANDS. Big crops. Big bargains. Big country. Wheat yielding 20-40 bu. Best lands at lowest prices. Join the excursion. Come with the crowd. Write for par. J. N. JOHNSON LAND CO., Dalhart, Tex.

\$10 CASH and \$10 per month buys 5 acre homestead on shell road and railroad, forty minutes from Houston. Very attractive. Write for literature. L. A. KOTTWITZ, 431 Commercial Bank Bldg., Houston, Tex.

CHEAP patented state school lands, South Texas. \$1 a. cash, bal. ten years. For particulars write F. A. Connable, Trustee, 442 Commercial Bank Bldg., Houston, Texas.

RAINS ABUNDANT; crops fine; land values will double quickly. We are expert farmers, 40 yrs. experience, and will give your business honest attention. Agents wanted. White Brothers, Plainview, Texas.

FOR SALE. 315 acres of sandy loam, 3 miles from railway town at \$35.00. 400 acres black hogwallow land, three miles from growing railway town, at \$55.00. Both tracts in South Texas Gulf coast country. Address WM. F. KOCH, Victoria, Tex.

FREE TRIP TO TEXAS and \$125 in cash to anyone selling 15 lots in our new town. Any man or woman of good local reputation can sell these in a few days. We sell choice farm lands on terms to suit. The country of biggest alfalfa and finest fruits. Write today. STRATTON LAND COMPANY, Chicago, Ill.

320 ACRES of land, three miles of good town, 250 tillable, \$10 per a. One-half cash, bal. terms. One crop pays for land. T. E. HARRIS, Ramsdell, Tex.

LAND FOR SALE IN TEXAS. One tract of 19,000 acres at \$5 per acre. Smaller farms and ranches. Write W. E. ODOM, Hondo, Texas.

YOU CAN'T AFFORD TO MISS THIS ONE! A well improved river bottom farm at \$20 per acre. Easy payments. Write for particulars. Many other great bargains. J. C. SCHOFIELD, Edna, Tex.

BRAZORIA COUNTY, TEXAS. 1,000 acres, sandy loam, prairie land, well drained, very fertile. Price \$20.00 per acre. Terms. Write me a bargain. See size tract. W. D. GRAHAM, Velasco, Tex.

LAND BARGAINS IN THE SUNNY SOUTH. Farms, ranches, timber lands, colonization tracts. Beautiful illustrated descriptive booklet, Texas map, and land list FREE. GREENFIELD REALTY COMPANY, Southwestern Life Bldg., Dallas, Texas.

PROFITS IN GULF COAST LAND. Wonderful production, large increase in value, an attractive home. Get our Free Booklets, "The Road to Prosperity" and "A Pointer on Where to Buy Land." Will send you free "The Gulf Coast Bulletin" for 6 mo. Write THE ALLISON RICHIEY LAND CO., 2nd Floor Carter Bldg., Houston, Tex.

IDAHO

RICH, productive, deeded land on railroad; excellent markets; schools; free range; lowest prices; unequalled opportunity for homemaker or investor; descriptive bulletin giving full particulars. Write at once to BEAR RIVER VALLEY LAND CO., Montpelier, Idaho.

FOR HIGH CLASS IRRIGATED LAND with plenty of water, lava ash soil and an ideal climate, good fruit, grain and dairy country, address THE STILSON-BLODGETT LAND CO., Gooding, Idaho.

LOUISIANA.

ALFALFA farm practically free to experienced grower under 30 yrs. Want start industry. R. A. Shotwell, Mgr., Chamber of Com., Monroe, La.

GOOD FARMS FOR RENT. In rich Red River Bottom, near Shreveport, La.; no overflow, no better lands anywhere for corn, alfalfa, wheat, oats, and cotton. Cash or part crops, good house and barn. Only good tenants with references wanted and who can farm 320 acres or more. ALLEN & HART, 308 Commerce Bldg., Kansas City, Mo.

ARKANSAS

80 A. 1/2 cult., small bldgs., good water, \$750 quick sale. Porter Land Co., Horatio, Ark.

FREE information about Ark. general farming, fruit or stock raising land, at low prices. Virgil J. May, Booneville, Ark.

RED RIVER corn and alfalfa farms, \$20 to \$50 per acre; income \$50 to \$60 per acre. List free. L. A. JUSTUS, Foreman, Ark.

FOR des. literature, city props., Ark. and Okla. farm, fruit, timber and grazing lands, write Moss, Hays & Co., Siloam Springs, Ark.

BARGAINS in improved and unimproved corn and alfalfa farms, in the great St. Francis Valley, Mississippi county, N. E. Ark. Blytheville Realty Co., Blytheville, Ark.

CORN, FRUIT, ranch and wheat lands; sandy loam soil; \$10 to \$25 per a. On good terms. Write for new list, mailed free upon request. Mansfield Realty Co., Mansfield, Ark.

FOR SALE—373 a. fine land, 80 in cultivation, 60 in pasture, bal. timber, good house, barn, orchard, 2 mi. from town and 1/2 mi. from R. R. BIG BARGAIN. \$2,500.00. F. J. Ray, 105 Center St., Little Rock, Ark.

FOR SALE at a sacrifice, 320 acres of unimproved fruit land 2 miles from Sulphur Springs, land all around it selling at \$20.00 per acre. A bargain for someone at \$10.00 an acre. Address the owner, John G. McLaughlin, Sulphur Springs, Ark.

BARGAINS in North Ark. Good valley farms and cheap dairy and grazing land. WATT & POTTER, Hardy, Arkansas.

192 A. Little River bottom farm; 90 cult.; bal. timbered; good house and barn; orchard; rich dark soil; free winter and summer range; 4 mi. Ry. town; \$15.65 a. ROBT. SESSIONS, Winthrop, Ark.

We have 200 farms to dispose of at once in Arkansas, where the winters are short and the summers are mild. Fruit farms, strawberry farms, grazing and farming lands a specialty, ranging from \$15.00 to \$40.00 per acre, in tracts of 40 to 3,000 acres. Write us what you want and we will fill the bill. Address JAGGERS & HALL, Walnut Ridge, Ark.

IF YOU WANT A GOOD HOME for a little money, write to MISSES BURKS & PATTON, Monticello, Ark.

IF YOU WANT TO BUY ARKANSAS LAND Write S. C. Dowell, Walnut Ridge, Ark. Finest farming, timbered and rice lands in the state at lowest prices. No trades.

BEAUTIFUL OZARKS OF ARKANSAS. Flowing springs, fertile valleys. Fruit, grain, timber lands for sale. Easy terms. J. C. MITCHELL, Fayetteville, Ark.

A REMARKABLE BARGAIN. 623 ACRES; good 8 room residence; two tenant houses; 130 a. cultivation. \$10 per a. road town. No wash land. Price \$10 per a. Other lands. R. C. THOMAS, Magnolia, Ark.

ARKANSAS LAND. 17,000 acres, all tillable, no rock or hills, for sale in small farms, Grant county, \$1.50 per acre cash, balance 20 years at 6 per cent. Can employ 60 men and teams. E. T. TETER & CO., 210 W. 2nd St., Little Rock, Ark.

ARKANSAS LANDS. For fruit or general farming, at much less than their actual producing value. Fruit, berries and all staples grow to perfection. Land values are advancing rapidly. New list free. COLLINS & HUNSAKER, Decatur, Benton Co., Ark.

\$60 BUYS 40 ACRES. Frank Kendall Lumber Company has 20,000 acres of cut-over lands, fine for agricultural purposes, close to Pine Bluff, a good market, fine climate, no cold winters, 48 inches rainfall, good health and good schools. We fall per year, good schools and churches. We are selling these lands at \$15 per acre, \$1.50 per acre cash, balance any time in 20 years, per acre cash, interest. These lands are selling 6 per cent interest. Address FRANK KENDALL LUMBER COMPANY, Pine Bluff, Ark.

Scott County, Arkansas where land values are steadily advancing. Prices range from \$10.00 an acre up. Fine for fruit, stock raising and general farming. Get our new list. Mail free upon request. SANFORD & SANFORD, Waldron, Ark.

For Sale in Southwest Arkansas 80 improved farms at a price ranging from \$15.00 to \$40.00 per acre. Write for literature. SOUTHERN REALTY & TRUST COMPANY, Ashdown, Arkansas.

ARKANSAS

ARKANSAS FARM LANDS. 400 acres, well improved, close in, \$12,000. 80 acres \$700. 120 acres \$2,500. 50 acres \$850. 123 acres \$1,500. For description and terms, H. J. HALL, Waldron, Arkansas.

A FARM FOR YOU IN ARKANSAS. 40 acres GOOD LAND \$800.00, on these exceptional terms: Note for \$400.00 due in 6 years, 6 per cent interest payable annually. Balance of \$200.00 payable \$5.00 cash, \$5.00 per month, without interest. No taxes during installment payments. Larger tracts proportionate terms. Our sixteen years' experience is at your service in investigating Arkansas. Real Estate Department. TEXARKANA TRUST COMPANY, Texarkana, Arkansas. Colored map of Arkansas for 10 cents.

CANADA

OWN YOUR HOME in Canada. Buy a farm in Sunny Southern Alberta, any size, easy terms. Climate ideal, soil unequalled, no crop failures, no personal tax. Write today. Lynn W. Barrett, Aldersyde, Alberta.

ILLINOIS.

RICH Illinois land \$25 per acre. Address S. H. Morton, 706 Chestnut St., St. Louis, Mo.

NEW YORK

200 ACRES; eight room house, hard wood finish, large porch; three barns, 36x50, 30x40 and 30x36; granary 16x52. Concrete floors throughout. Twenty-five cow stalls; 5 horse stalls; milk house, engine house, all building nearly new included; two registered Holstein cows and bull; 6 grade cows, three heifers, 24 sheep; gasoline engine, saw, ensilage cutter, feed mill, mower, binder, roller, manure spreader, wagons, all kinds of tools; barns full of hay. 14 acres oats. 4 acres potatoes. Seven acres big corn, all goes. 1/2 mile to railroad town and macadamized road; only \$6,650. \$2,000 cash, balance on balance. Immediate possession, long time on balance. HALL'S FARM AGENCY, must sell at once. 1300 Lake St., Elmira, N. Y.

OKLAHOMA

EASTERN OKLAHOMA farms for sale by owner. Write W. A. Hancock, Pryor, Okla.

N. E. OKLA. prairie farms. Easy payments. Write J. T. Ragan, Vinita, Okla. INDIAN LANDS eastern Okla. rain belt. Write J. J. Harrison, Pryor, Okla.

N. E. OKLAHOMA, corn, wheat, oats, clover, timothy and alfalfa lands. New-comer & DeLozier, Adair, Okla.

EASTERN Okla. corn, alfalfa, wheat and fruit farms \$10 to \$50 per a. Write Ebey & Harrison Bros., Ada, Okla.

12 IMPROVED farms near Okla. City. For prices, write Ross E. Thomas & Sons, 217 Colcord Bldg., Oklahoma City, Okla.

160 A. two mi. R. R. town, seven mi. of Co. seat, \$40 per a. Good four room house, 120 a. in cult., easy terms. J. H. Fuss, the Land Man, Medford, Okla.

182 A. imp.; 3 mi. of Kiowa. Bottom land. 80 cult., bal. timber. Most all fenced. Price \$32 a. \$2,500 cash, bal. 6 per cent. Western Real Estate Exchange, Kiowa, Okla.

90 A. imp. fruit farm, 1 1/2 mi. of station. 3,500 trees; apple, peach, pear. 5 a. blackberries. On R.F.D. Fine water. Price \$6,000. Downing Investment Co., Atoka, Okla.

FRUIT RANCH. 60 a. plateau top of mountain, finest in Okla. 40 a. choice fruit 4 to 8 years old. Net \$1,800 in 1911. Will not \$3,000 this year, price \$6,000. 80 a. farm close to town, 60 a. cultivation, corn make 50 bu. per a. \$25.00 per a. SOUTHERN REALTY CO., McAlester, Okla.

ROGER MILLS COUNTY, OKLA. Produces when others fail. This year greater than ever. New railroads spell increase in values. Have two fine and highly cultivated farms at four and six thousand with terms to suit. The latter has fine vineyard and orchard. Five room house, 25 acres alfalfa. A dandy. J. J. MOORE, Strong City, Okla.

OKLAHOMA.

BARGAIN IN KAY CO. 240 a. smooth black land, 5 mi. market, imp., good water, price \$27 a. \$2,000 cash, bal. terms. Write Stevens-Cronan Realty Co., Newkirk, Okla.

KAY CO. bargains best in state. Fine homes. Good crops. List free. E. E. WOOD, Newkirk, Okla.

10,000 ACRES choice improved farm land, 5,000 acres raw land. I own these and will sell on easy terms. For list, write L. R. KERSHAW, Muskogee, Okla.

40 ACRES about one mile from Thomasville, Okla.; R. R. town, lies well unimproved, all in timber and grass, perfect title, price \$5.00 per acre, terms. W. F. COLNOR, Heavener, Oklahoma.

LOOK. Land producing this year from \$15 to \$25 per acre in corn; \$25 to \$50 per acre in cotton. I can sell you for \$12.50 to \$30.00 per acre. Write me. J. A. BRIGHTWELL, Boswell, Okla.

BROOMCORN is \$150 per ton. We have bargains in broomcorn, wheat and alfalfa land in the Big Cimarron Valley of Oklahoma, where one crop more than pays for the land. Write for particulars. THOMAS-GODFREY, Fairview, Okla.

CORN, WHEAT, OATS, COTTON and alfalfa farms for sale by owner in E. Okla. Terms easy. Cam Doneghy, Muskogee, Okla.

BUY A FINE FARM IN ALFALFA OKLAHOMA AND PAY FOR IT OUT OF CROPS. We own several good farms, bought when prices were low, can sell cheap and take small payment down, rest like rent at low interest rate. Land fine for alfalfa, corn, cotton, and feed crops. Descriptions guaranteed, soft water, good crops 10 years. Write for list. CRESCENT LOAN AND INVESTMENT COMPANY, Elk City, Okla.

FOR SALE OR EXCHANGE

GROCERIES and merchandise for farm. Other trades. F. Gass, Joplin, Mo.

I SELL or trade land or goods. Describe your wants. F. H. Brown, Golden, Mo.

BUTLER CO. farms for sale or exchange. For list write J. C. Hoyt, Eldorado, Kan.

WRITE for lists, sale or exchange. The Eastern Kan. Land Co., Quenemo, Kan.

BUY OR TRADE WITH US—Exchange book free. Bersie Agency, Eldorado, Kan.

EXCHANGES, all kinds, everywhere. What have you? Overlin & Co., California, Mo.

600 FARMS and other prop. for sale or ex. Blackwell Real Estate Co., Blackwell, Okla.

FREE lists of Ark. fruit, grain or stock farms and exchanges. Star Land Co., Gentry, Ark.

WANTED—Grocery stock invoice \$2,500.00 to \$3,000.00 in exchange for good farm. Iler & Simmons, Garnett, Kan.

IF YOU want to trade your farm for something that suits you better, or want a new location, write Box 171, Quinter, Kan.

BOOK 1,000 farms, etc., everywhere, for ex. Get our fair plan of making quick square trades. Graham Bros., Eldorado, Kan.

FARM BARGAINS—In western Missouri, eastern Kansas and Arkansas. Send for descriptive literature. T. S. Wilson, Hume, Mo.

FOR SALE OR EX. Section fine alf. and wheat land near Russell Springs, Kan., for quick sale will take \$7.50 a., might use good stock hdw. C. K. Leslie, Coweta, Okla.

TO SETTLE an estate I will sell a 320 a. stock farm, Cowley Co., Kansas, for only \$50 per a. Other farms and ranches. Exchanges per a. L. A. Foster, Arkansas City, Ka.

FARM BARGAINS—Good Anderson county, Kansas, farms at bargain prices; farms to exchange for merchandise or rental property. Four Square Land Office, Colony, Kan.

GOOD 480 acre farm, improved; clear; 4 miles from Goodland; will trade for a smaller farm; Lyon county, Kansas preferred. Write KYSAR REALTY CO., Goodland, Kan.

FOR SALE—Choice wheat, corn, and alfalfa lands, in Clark, Ford, and Meade Cos. Write for list, trades. NATE NEAL, Real Estate, Minneapolis, Kan.

PHILLIPS CO., Kan., lands for exchange. 200 a. imp. \$40, want eastern Kansas. 400 a. a. imp. \$50, want eastern Kansas. Carry bal. imp. \$30, take part in western—carry bal. L. R. ELDRED, Phillipsburg, Kan.

EASTERN Kansas farm wanted in exchange for a well improved 560 acre grain and stock ranch, partly rough, near Dresden, in Decatur Co., Kan. Price \$25 per acre clear. If interested write for description. IOLA LAND COMPANY, Iola, Kan.

320 A. land, 13 miles northwest of Topeka; 1/2 mile north of Grove. \$100 a. Trade for smaller farm in northeast Kansas or for stock of hardware. \$10,000 mortgage 6 per cent ten years to run. \$26,000 stock of hardware for clear land. 400 acres of Norton county land with 100 acres wheat sowed, 150 acres pasture and mow land, balance 150 acres pasture. Incumbrance \$6,000; want income property. \$2,000 of late property in Topeka or goods, want residence property in Topeka or some other good town. Some choice 80 and 160 acre tracts, improved and unimproved for sale in Jackson Co. W. D. GREEN, Swapper, Holton, Kan.

A DANDY FARM FOR TRADE By owner. 1115 Garfield, phone 4890 Red. Topeka, Kansas. Farm is three miles south of Grinnell, Gove county, well improved, all level and a dandy. Travel and want something in eastern Kansas, Topeka property preferred. Priced right. Give full description first letter. Will give and want a fair deal.

OKLAHOMA

POCKET MAP OF OKLAHOMA for five names of persons in. tending to change. Caddo county corn and alfalfa land. BALDWIN & GIBBS CO., Anadarko, Okla.

WOODWARD COUNTY, OKLAHOMA. Good land \$15-\$35, advancing every day, shallow water, excellent crops, awarded world's prize last year. Write for list, price list. Gaston Bros. Realty Co., Woodward, Ok.

TO ACTUAL FARMERS. Come and see me if you want to own a home farm of good land, deep soil, no rock, no hardpan, 42 inch rainfall, \$30 to \$40 per acre; long time; easy terms. No trades. CHAS. WHITAKER, Eufaula, (Eastern) Okla.

GOVERNMENT AUCTION sale of lands in Eastern Oklahoma. No homesteading required. \$3 to \$20 per acre. Splendid opportunity for the investment. For information write Crowder Trust Co., 247 Bond St., Crowder, Okla.

ALFALFA FARM BARGAIN. 190 a. imp. farm, 100 a. alfalfa; 10 minutes' ride on interurban from Muskogee. Price \$22,000. Terms. 600 a. imp. ranch; 300 bottom; 100 in cult. Price \$15 per a. Write F. H. ATWOOD & CO., Muskogee, Okla.

BALDWIN & GIBBS OF APACHE, OKLA. have fine alfalfa farm to trade for stock of hardware. Good farm and brick business bldgs. for grass land. Best farms in Okla. to sell. In famous Coche Creek Valley. Have the crops to show now. Write for bargains. E. D. WILLIAMS, MGR., Apache, Okla.

FOR SALE AND EXCHANGE. Telephone plant, first class, good town. S. C. HOLMES, Yates Center, Kan.

FOR A QUICK SALE or exchange of real estate, address FRED J. HALL, Eldorado, Kan.

TO TRADE FOR HARDWARE. TO EXCHANGE 1/2 section of land. Want hardware or gen'l stock. For particulars address H. H. Bacon, owner, Wakeeney, Kan.

FARM BARGAINS For sale or exchange, any size, price or where. We can match any trade. LATHAM & DORR, Wichita, Kansas.

FOR EXCHANGE. 320 a. creek bottom, alfalfa land, impr. 225 a. in cult., 5 mi. county seat, near school. Address W. J. Williams, Wakeeney, Kan.

MONEY-MAKERS AND GOOD HOMES. Lands in Oklahoma, Texas and Kansas for sale. Also city property and stocks of merchandise to exchange. List free. JABEZ F. BRADSHAW, Lenexa, Kan.

LAND FOR SALE AND EXCHANGE. In famous corn, wheat, alf., timothy, clover and bluegrass country in N. W. Kan. Exchanges a specialty. Send for list. Compton & Royer, Valley Falls, Jefferson Co., Kan.

LAND FOR MERCHANDISE. 1,280 acres unimpr. 6 mi. R. R. town; Co. seat Logan Co., Kan. 1,000 a. level, bal. good pasture, want to trade your mds. for land at cash value \$12.50 per a. Get busy. S. J. BAKER, Granfield, Kan.

MERCHANDISE FOR LAND. \$6,500 stock gen. mds. and 4,000 shoes and clothing. We have the following for mds.: 160 a. San Luis Valley Irr. \$100 a. 520 a. W. Okla., well improved, \$25 per a. Three good Wichita income properties, \$15,000. Kansas Investment Co., Wichita, Kan.

FOR SALE. 5 good Southeast Kansas farms on very easy terms—write for particulars. EXCHANGES—Let us match what you have, anything, anywhere. Write for list. FOSTER BROS., Independence, Kan.

WANT TO RETIRE. Will sell my 1,640 acre ranch all stocked, everything in first class shape, 320 irrigated, (house modern), would accept small placed, at part payment and one-half the crops and one-half increase of stock until paid for. C. F. RAY, Halgler, Dundey Co., Neb.

FOR SMALLER FARM OR INCOME. 260 acre farm, 12 miles Emporia, good soil, half cultivated, balance native grass, good six room house, large new frame barn, good water, some timber, fine neighborhood. Will trade subject to \$200, most for smaller farm, or income property. Price \$55 per acre. J. M. McCOWN, Emporia, Kan.

For Sale or Exchange Good rich tillable land in Oklahoma. R. T. WRAY & CO., Tyrone, Okla.

Land For Merchandise Good South-Central Kansas land to trade for merchandise or hardware stock. H. C. WHALEN, 213-14 Bitting Bldg., Wichita, Kan.

For Sale or Exchange Land in the great corn belt of Missouri, Kansas and Nebraska. Also Ranches. If you wish to make an exchange address M. E. NOBLE & SON, 507 Corby-Forshee Bldg., St. Joseph, Mo.

240 Acres of Irrigated Land close to Alamosa, Colorado. Will soon be in the city limits. Price \$100 an acre. Also \$2,000 worth of city lots in Oklahoma City. Will take gen'l mds. or hardware store, not exceeding \$20,000 to \$24,000. STEVENS & RUBY, Stockton, Kan.

Forty-Acre Farm for \$60 Down

Balance Any Time in Twenty Years at Six Per Cent.

48,000 ACRES TO SELECT FROM.

Near Pine Bluff. No crop failures; average rainfall for the last twenty-five years has been 48 inches. Soil sandy loam, with clay subsoil. Cut-over land, good water, good climate, good health and good schools. None of it more than three and one-half miles from the railroad. Produced on a demonstration farm in the heart of the land, last year, 75 bushels of corn, a bale of cotton and other farm products in proportion, to the acre. \$12.50 per acre on the above terms.

Sawyer & Austin Lumber Co.

307 Citizens Bank Building, Pine Bluff, Ark.

Florida Lands For General Farming

We have 10,000 acres of the best farm land in Central Florida for sale in tracts of 40 acres to 640 acres. Land nearly level, good drainage, splendidly adapted for raising vegetables, grain, livestock and citrus fruit. When the purchasers of Florida land get away from the 5 and 10 acre idea and buy lands and farm them as they do in the West the results will be far beyond those realized by western farmers. Prices \$25 per acre to \$40 per acre. Terms very easy. Address

Howard-Packard Land Co.

Sanford, Fla.,

What Breeders Are Doing.

(Continued from Page 36.)

really high class herd boars going under the hammer. The readers of this paper who know me and my former work among the Poland China breeders know I have seen hogs enough to qualify any statement I may make. We want to say to you, if you are looking for Poland China boars that are now big and growing for their age and that will go on and continue to grow into 800 to 1,000 pound hogs and sire the same kind, here at Braddyville, Ia., on October 2 is the place to look for them. Enough are being offered that you can have a chance to see whether or not our statement is correct. We urge you not to let this sale go by without being on hand either in person or with bids. If you have not yet received a catalog write to-day for one and be on hand sale day. We will strive hard to fill any commissions that readers may send us. We want you there in person if possible. Remember the place and time, Braddyville, Ia., October 2.

Editorial News Notes.

The Eby-Cady Realty Company, of Pleasanton and Ft. Scott, Kan., old advertisers in the Farmers Mail and Breeze have just renewed their contract for another year. They make a specialty of Linn and Bourbon county lands which they sell at the lowest prices on the best terms. This is a thoroughly reliable firm, and it will pay you to look up their ad. in our Kansas land department and write them, or go and see them. Mention the Farmers Mail and Breeze.

Jabez F. Bradshaw, Lenexa, Kan., one of the old advertisers in the Farmers Mail and Breeze, has just renewed his contract for another year. Mr. Bradshaw sells Oklahoma, Texas and Kansas lands, as well as city property and stocks of merchandise, at low prices. He is thoroughly reliable and it will pay you to get in touch with him. He will make you money. Look up his advertisement in our Kansas Land Department and write him, mentioning Farmers Mail and Breeze.

Hopper & Son of Manhattan, Kan., have had a great record for building first class concrete silos. They have built a large number for our readers, and we have heard only good reports from them. They are experts in handling concrete materials. Messrs. Hopper & Son are thorough business men. Their prices are reasonable. If you are thinking of building a silo, and most farmers are thinking of it, better get in touch with them. Get their proposition. Tell them you saw their ad in this paper. Read it on page 2.

Campbell's Poland China Sale.

A. B. Campbell, Geary, Okla., proprietor of Alfalfa Glen Stock Farm, sold September 10th 36 head of pure bred Poland Chinas. A larger number were catalogued but when it appeared evident that the crowd had bought their fill, the auction was closed but not without giving the bidders present an opportunity to call under the hammer any hog catalogued. The boars, 14 head, mostly spring pigs, averaged \$24.46; the sows and gilts, the 22 head that sold, averaged \$22.82. Total for the 36 head, \$1,044.50.

Prosperity.

The Kansas Western Business College, of Salina, Kan., an institution that has been furnishing the banks, railroads and other business concerns of the country with office help for twenty years, is managed by a practical business man, who says, "that the indications of prosperity in the business circles are the best we have had for 20 years. There is the greatest demand for office help that has been known, and this demand is not local, but reaches from the Atlantic to the Pacific. Recently he has had calls from the typewriter agencies of the different cities, widely separated, asking for graduates of the school to help fill the demand. The railroads too have sent in a request that they hurry up the telegraph operators. On a recent visit to Los Angeles, the president of the college, Mr. T. W. Roach, found that there were over 100 of his former graduates employed in that city, and he was urged by the Remington agency to send them more stenographers as soon as possible. They would locate them on arrival in Los Angeles. The same was true at San Francisco and Salt Lake. While the prospect is for the business college to be better attended this year than usual, yet he thinks the supply will not be equal to the demand for first class help. When the civil service, the railroads and the typewriter agencies throughout the country ask for office help, it is a sure sign that business is prosperous. Write for catalog to President T. W. Roach, Salina, Kan., telling him you saw the offer in Farmers Mail and Breeze.

Replaces Hired Help.

The Helder Tractor, an advertisement of which appeared last week, is offered by its makers as a solution of the scarce help problem. One man with a Helder Tractor can do the work of eight horses and from two to four men, yet the Tractor costs less than the eight horses it replaces. It operates with gasoline, friction transmission, 4 cylinder motor and the operating cost is very low. It is solidly made and there is nothing about it which can be broken by the shocks of the ordinary farm work. The Helder is an all-round farm tractor. A boy of 14 can run it and it will do any kind of traction or belt work requiring from 1 to 12 horsepower. It will pull a string of plow, doing the work in less time than horses can and giving you that deep tilling which is necessary for big crops. Or you can use this Tractor to pull a road scraper or farm wagon, run corn sheller, ensilage cutter, grain separator or any other farm implement. The great advantage of the Helder Tractor is the fact that its power is variable and that while it has power sufficient to do the heavy farm work, yet when desired you can reduce the power so that it will run your light delicate machinery without injuring it. The manufacturers have put out a tractor which every farmer can afford no matter how large or how small his farm. The Helder Tractor weighs only 2 tons. It will go anywhere horses can go, and do any kind of work that horses can do. Does it quicker and better and at much less

trouble and expense. Readers of this paper who have trouble securing help or who feel that their farm operating expense is too high are advised to write the manufacturers for their catalog which fully explains the economy of traction farming and describes the Helder Tractor. Address Helder Mfg. Co., 465 Main St., Carroll, Ia. See the ad which appeared in last week's issue on page 15.

Arkansas a Great State.

In all of the United States, perhaps, there is no section which offers more alluring opportunities to the investor and the homeseeker than Arkansas. This great state teeming with natural resources is relatively in the same position today that Kansas was twenty-five years ago and Oklahoma a decade ago. The reason for this is that Arkansas is practically the only centrally located section in the country that offers good land to the farmer at a small price. Just at present a great deal of this virgin soil is now on the market owing to the fact that lumber companies, which own a large part of the land have finished cutting the timber from it and have no further use for it. One of the most prominent instances of this is the sale of land now being conducted by the Fort Smith Lumber Co. This corporation, one of the largest and richest of its kind in the West, is selling 35,000 acres in the central part of Arkansas at the very small price of \$15 an acre. The company, through demonstration farms, has actually proved the great productiveness of this land and can show that the soil will yield fully as abundantly as land which in many sections of the country sells for \$100 to \$200 an acre. The land is particularly adapted to fruit growing, poultry and cattle raising. Another feature is the delightful climate; adequate and certain rainfall year in and year out. The office of the Fort Smith Lumber Co. is located at 201 Midland Building, Kansas City, Mo. Look up the full page ad which appeared last week. Write for their literature.

Some Wire Fence Advice.

We farmers are said to buy economically; is this always true? I know a man who bought some wire fence for his hog pasture. It wasn't the proper kind to bar hogs, but the sale price was very low and he thought the fence would do. On the whole, he considered it a shrewd deal. Now, in stretching this fence it broke in several places, which he spliced together, of course, and finally got it up. But his hogs soon learned to spread the wires, and he had a lot of trouble chasing them back to pasture. Besides this the wire soon rusted and snapped apart, this called for more patching; and the tension of the whole fence-deal was, that it cost him more in expense, and bother than if he had bought a good fence of the right design in the first place. The above is an illustration of poor economy. Fences are a very important item on a farm, and should not be skimped. Learn all you can about them—how they are made, what kind of wire is used and then buy wisely by choosing the fence of proper construction, right design, and made of the heaviest wire you can afford. Heavy wire carries considerable more galvanizing in proportion to its size, than light wire, and is the cheapest in the end. Besides having greater strength, it does not always mean that its effectiveness is impaired. This is particularly true of fence made of Open Hearth wire. The method of making this wire is much slower than other methods, but it permits closer watching and better mixing, and so the wire is of uniform texture clear through. Corrosion won't hurt this kind of wire for a long time, as the inside of it is just as strong and good as the outside. Other kinds of wire lack this feature, which is an important one to consider. Write to the leading fence manufacturers for their descriptive literature, and read every bit they send you; you will gain much valuable information, and be better able to judge fence. When you go to buy it, first find out what kind of wire is in it, what kind of galvanizing protects the wire, see that the joints are immovable and have no projecting wire ends which injure stock, and the spacings are right for your purpose, and then when all these points are settled choose a heavy gauge wire. See ad on page 21.

Treatment for the Horse Scourge as Recommended by the General Purification Company, Madison, Wisconsin.

The treatment consists of taking all horses in which paralysis has not developed and first giving them a physic containing a vermifuge, then following with Bacill-Kil diluted in water. They are able to give this copiously because of its being non-poisonous. They also give the Bacill-Kil hypodermically or by rectum injection particularly where the animals have difficulty in swallowing. Feeding the Bacill-Kil thoroughly cleans and sterilizes the stomach and digestive tract and destroys all disease germs and worm nests remaining in the tract. By this treatment and hypodermically much of the Bacill-Kil is also absorbed into the tissues and blood. They also are able to gasify the Bacill-Kil in a simple manner, reaching the nostrils and throat with the gas which immediately penetrates every passage in the head, destroying all the disease germs which have lodged there, also soothing and cleaning the membranes. The stables and enclosures are also sterilized with the proper dilution of Bacill-Kil by means of large power sprayers, which they are prepared to furnish for the purpose. The animals are kept away from old pastures and as much as possible from locally grown hay but where it is necessary to use locally grown hay because of no other being available they soak this hay in a dilution of Bacill-Kil and water, this destroying the disease germs which may infect the hay. They recommend, however, shipping in feed from districts known to be free from infection and particularly baled alfalfa, mill feeds and green corn fodder. They require that all feeds must be soft and nourishing and free from local contamination. The great advantage they claim for Bacill-Kil is that it is wholly non-poisonous to animal life and can therefore be used very freely with absolute safety. Bacill-Kil has been under test for a considerable period by noted bacteriologists and seems to have very full endorsements. The tests which are being accomplished in feeding and using it, as a sterilizer and disinfectant. See the ad of the General Purification Co., on page 9. It is surely an important announcement at this time.

OKLAHOMA

SEMINOLE NATION FARM BARGAIN. 320 a. improved, 12 mi. of Wewoka, Okla. Population 2,200. On main line of Rock Island R. R. Rich black and chocolate loam river and branch bottom land. Will produce 60 to 70 bushels of corn per a., 6 to 7 tons of alfalfa annually per a. Located in heart of the famous Seminole nation and Oklahoma rain belt where oats, corn, wheat, cotton and milo maize are chief products. Price \$17.50 per a. Terms. For further information write CANADIAN VALLEY LAND & INVESTMENT CO., offices McAlester and Wewoka, Okla.

Eastern Oklahoma

Land \$3.00 to \$25.00 per a. Prices are steadily advancing—now is the time to buy. If you want a good, cheap home, or a money making investment, write to or call on W. T. HARDY, McAlester, Okla.

IN THE RAINBELT

Muskogee county, Okla., due south of Kansas City. 24 farms for sale by the owner. Write for price list, state map and illustrated booklet. BEARD LAND CO., Muskogee, Okla.

Oklahoma Wants You 500 choice farms for sale. Titles good. Easy terms. Soil and climate excellent. Write for list. Roberts Realty Co., Nowata, Okla.

GET A FARM ON PAYMENTS

Oklahoma farm lands to actual settlers on time payments with or without any cash. List of 120 farms to select from. Write for list and prices. JOSEPH F. LOCKE, Wynnewood, Okla.

MISSOURI.

40 ACRE farm, 6 room house, \$440. Terms on part. Grain, Licking, Mo.

25 OZARK bottom farms. List free. Write J. H. Wright, Marshfield, Mo.

SIX valley farms. For full information write L. W. Heagy, Dexter, Mo.

BEST imp. farms in Mo. \$40 to \$100 per a. Write A. R. Wherritt, Pleasant Hill, Mo.

CHOICE Vernon Co. prairie farms. Easy terms. \$20-\$60 a. W. H. Hunt, Schell City, Mo.

40 A. improved farm. \$15.00 per acre. Part time. Summerville Land Co., Summerville, Mo.

TEN improved S. E. Missouri farms for sale. For price and description write S. P. Jeffers, Dexter, Mo.

WRITE for Bulletin No. 2 giving prices and desc. farm bargains in famous Dexter dist. Blakenhip Realty Co., Dexter, Mo.

MO. farms, \$25-\$60 a. Prices rapidly advancing. New list and folder free. German community. J. H. Frederick, Cole Camp, Mo.

SEDALIA, Pettis Co. Finest agri. livestock and bluegrass sec. in state. Farms for sale. Morris Bros. R.E. & Loan Co., Sedalia, Mo.

WRITE for list improved farms in heart of Corn Belt (Northwest part of State). H. J. Hughes, Trenton, Missouri. Seller of Missouri Black Dirt.

BATES CO. lands. We have a number of imp. farms; 69 mi. south K. C.; \$30 to \$70 a.; fine corn, wheat, oats, timothy, clover, bluegrass lands; write for list. Bowman & Williams, Amoret, Mo. On K. C. R. Ry.

BARGAIN FOR CASH ONLY. three miles of this city, the county seat. 50 acres, 38 in cultivation, 12 timber and pasture. Splendid water, all fenced, one mile to school, fine road, on rural and telephone line. 4 room house, stone cellar under it, good barn 22x28, other outbuildings. Price \$1,800.00. \$600 cash, long time on balance at 6 per cent. Write JAS. B. WEBB & CO., West Plains, Mo., about this.

FOR SALE. 185 acre farm in Southern Missouri. Well improved, convenient to railroad. 10 acres in bearing orchard. 3,000 barrels of apples now in sight on the trees. Land finely watered, with good buildings. Rural route and telephone line. If this orchard is properly handled it should yield at least 5,000 barrels a year which will sell from \$3,000 to \$6,000 each year, according to market price. You can sell the apples on the trees for cash in hand, and not be bothered with picking and packing. This farm is good for general purposes, in addition to fruit. You can buy this at a bargain, for the owner must sell. Might consider some trade. Send for complete and detailed description. Don't wait. You get the apples. G. B. CUNNINGHAM & CO., 431 E. Commercial St., Springfield, Mo.

40 ACRES, 5 1/2 miles from Lebanon, 1/2 in cult., improved, water, fruit, good poultry farm, price \$700. F. R. CURRIE, Lebanon, Mo.

FARM FOR SALE.

Nice smooth 30 a. in Camden Co., Mo. 500 bu. apples and corn crop with farm if sold soon. Price \$40 per a. A. W. COOPER, Owner, Stoutland, Mo.

FREE: "Homeseekers' Review" BEST LAND Many big bargains. WEST PLAINS REAL ESTATE CO., West Plains, Howell County, Mo.

FREE "Facts Worth Knowing" The Story of the Ozarks. An interesting history of American Switzerland, the richest dairy country known, where from \$5.00 to \$25.00 per acre can secure land on which you can be independent. We also have the greatest State Poultry Institution in the world. J. A. WHEELER, Mountain Grove, Mo.

1347 ACRES \$18,000

Taney county, Missouri; 8 miles R. R. town. 350 acres richest bottom, 150 upland in cultivation, balance big timber set to grass. All fenced hog tight; 4 sets improvements; 1 1/2 mi. river front. Ideal alfalfa and grain ranch. Price \$18,000. Owner will sell or take central Kansas farm up to \$11,000. Balance long time. Get busy. Big list Missouri, Kansas and Arkansas farms free. Up to date map either state, 15c postpaid. Let's get acquainted. Lett "The Land Man," 310 Finance Bldg., Kansas City, Mo.

COLORADO.

BEAUTIFUL Irr. farms, fruit, sugar beets, grain, alfalfa. Ordway Land Co., Ordway, Col.

320 ACRES, close to Denver, \$3,200; all fine sandy loam soil, fenced. L. A. Cobb Inv. Co., 243 Century Bldg., Denver, Colo.

960 ACRES, Elber Co., no failures, land in same vicinity produced 60 bu. oats, 30 bu. wheat this season; smooth prairie land \$12.50 per acre. Will subdivide. FRANCIS JAMES, 1734 Welton St., Denver, Colo.

20,000 ACRES of land 60 miles from Denver, southeast, 4,000 acres under the very best of irrigation with water rights sufficient for 16,000 acres. 800 tons of hay on farm this year. This is the best colonization proposition in the state. 5 miles from railroad. Price \$12 per acre. THE STEWART REALTY COMPANY, Suite 704 First National Bank Bldg., Denver, Colorado.

FREE illustrated literature describing eastern Colorado lands where all staples grow to perfection. Prices low; terms easy. E. F. SCHLOTE, Flagler, Colo.

A FINE Colorado stock and grain ranch, stocked with registered stock; everything there to begin on; will take \$15,000 in any good trade not too heavy encumbrances carry bal. on ranch. What have you? BUXTON LAND COMPANY, Utica, Kan.

FOR SALE—Beautiful level irrigated farm of 80 acres in the Greeley District of Northern Colorado. Well improved and growing good crops of alfalfa, small grain and beets. Every foot irrigated and cultivated. Under one of the best ditches in the state. Two miles from station. Will sell at a bargain. J. I. CARPER, Denver, Colorado.

GOLDEN opportunities for a home and investments—NOW. Fine farms, ranches, \$5 to \$10 per a. A few relinquishments. Did you see "bleeding, shame-receiving Kansas" become the wealthiest state per capita? Only a few hours' west of Salina, no finer soil on earth; 50 schools, 4 banks, churches, best of Colorado. Now. Pamphlet. R. T. CLINE, Towner, Colo.

EASTERN COLORADO. Rich, level, corn, wheat and alfalfa land \$10 to \$30 per a. Write to or call on G. W. DINGMAN, Stratton, Colo.

HOMESTEAD RELINQUISHMENTS. 320 a. from \$200 up. Deeded lands, \$5.00 to \$15.00 per acre. One crop more than pays for the land. Descriptive folder and copy of the NEW HOMESTEAD LAW FREE. T. J. McNEVIN, Wild Horse, Colo.

CHEAP LAND and homestead relinquishments in Kiowa Co., Colo. Government only requires 3 yrs. residence now with 5 mo. yearly absence. Deed land \$6 to \$35 per a. Write for full information. Chas. M. Stark, Hads, Colo.

EASTERN COLORADO offers unsurpassed opportunities for home seeker or investor. Can furnish lands in any size tracts, at lowest prices; stock ranches a specialty. Write for free county map and des. matter. F. E. EWING, Hugo, Colo.

284 A. COLO. LAND CHEAP. 124 a. clear deed, 100 of it fine valley, \$10 an acre. 160 a. homestead adjoining same class, prove up in 8 years, \$500; 5 mi. R. R. town, together or separate. Best dairy land in E. Colorado. Half cash, bal. secured. E. L. PALMER, Laird, Colo.

COLORADO. 160 acres fine smooth farm land north-east of Denver in Henryryn Irr. district; the pick of 3,000 acres; rich sandy loam; all classes of crops raised; big snap at \$24.00 per acre, easy terms. Wantland & Shelton Land Co., 215 Sheldley Bldg., Kansas City, Mo.

A FEW SNAPS FOR CASH. Excellent alfalfa farm, one-fourth seeded, near shipping point, \$35 per acre. 120 acres alfalfa and potato land, under good ditch, \$25 per acre. Cattle ranch, will keep 500 cattle, \$10,000.00. Several one thousand to ten thousand acre ranches. Many small farms. Write us. SHIELDS-BEGGS LAND CO., Fort Morgan, Colo.

480-ACRE FARM IN SOUTHEASTERN COLORADO—MUST SELL AT ONCE—GOOD TERMS.

Three quarters in same section, six miles south of Brandon, a thriving town on Mo. Pac. main line. Rich valley land, shallow sheet water. All level, no waste land. Covered with heavy prairie grass. Make fine alfalfa, grain or stock farm. \$11 per a. \$4 per a. down, balance any time, 6 per cent interest. This is worth investigating. Write S. S. SANGER, (owner), Brandon, Colo.

400 ACRE FARM \$3,500 CASH. Well improved farm, 75 acres alfalfa land, 30 acres in alfalfa, one of the best places in the country for the money. It is worth \$5,000 of any man's money; improvements cost over \$1,600. There is 160 acres of deeded land and 240 acre relinquishment. The land is partly rolling, over 100 acres in cultivation. All I ask is a chance to show you this place. If you have the money you will buy this if you come and see it. Lots of other places improved and unimproved. I can show you as fine crops as grow in any country. No trades. CARL M. COOK, Limon, Colo.

2,000 ACRES

1,200 a. grain, potatoes, corn, 100 a. timothy, clover, 80 a. alfalfa. Modern buildings. Near Colo. Springs. Take your farm for 1/2 bal. year terms. For description write owners. KEEN BROS., Pueblo, Colo.

Colorado and Wyoming Lands

Inquire today regarding our land seekers' excursions running each month. Land in any location and any size tracts; raw or improved farm, grazing, garden, fruit and chicken ranches; cattle and sheep ranches; completely stocked. Prices range from \$2.50 and up per acre. H. B. EMMERSON LAND OFFICE, 1715 California St., Denver, Colo.

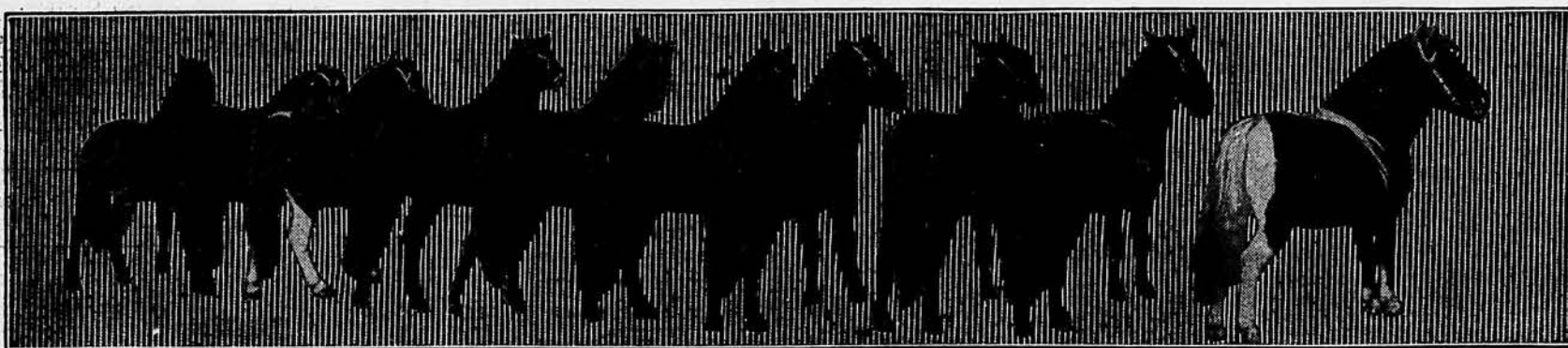


This Pony Free



"CUB" is his name, and we are going to send him and his outfit all complete as it looks in the picture below free to you or some other boy or girl. Pony, Buggy, Harness, Bridle, all sent to your very door, all charges paid. Send us your name today if you want "CUB"

We Have Given Away 71 PONIES AND OUTFITS



HERE ARE THE NAMES OF A FEW OF OUR 71 LUCKY PONY WINNERS

"BOB," John B. Corn, Pulaaki Co., Ark.
"ST. NICK," Marcella Conley, Chickasaw Co., Ia.
"DUKE," Dorothy Lee Eagle, Jackson Co., Mo.
"DIXIE," Walter McLaren, Moody Co., S. D.
"MIDGET," John McCartney, Massac Co., Ill.
"JERRY," Cleta Johnson, Douglas Co., Kans.
"CAPTAIN," Ida O'Keefe, Mountair Co., N. D.
"ROBE," Clarence F. Busick, Adams Co., Ind.
"PATSY," Rena Smith, St. Lawrence Co., N. Y.
"PEPPER," Merie Hershleb, Dodge Co., Minn.

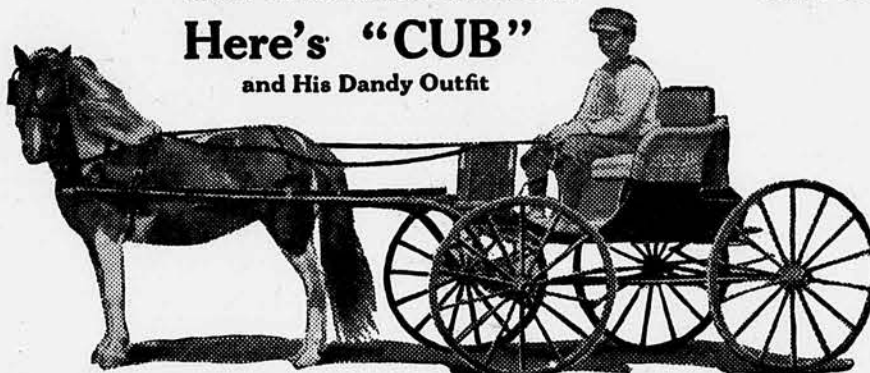
"NED," Jules & Ruby Kobelin, Yellowstone Co., Mont.
"BROWNIE," Twyla Hart, Shelby Co., Ohio.
"POLLY," Alfred Hokenstad, Dane Co., Wis.
"JEAN," John H. Elrod, Smith Co., Tenn.
"SCOTTY," Catherine Rohrbeck, Pacific Co., Wash.
"MAC," Ruth Mead, Saline Co., Mo.
"JOE," Harold R. Palmer, Oswego Co., N. Y.
"TOM," Helen Herrmann, Cumming Co., Nebr.
"JIM," Joey Edwards, Barton Co., Kans.
"FRITZIE," Marie & Margie Parker, Knox Co., Ill.

"GUS," Frank & Vera Brown, Dacotah Co., Nebr.
"BEAUTY," Bertram Eldridge, Stark Co., Ill.
"FUZZY," Mark McManis, Cavalier Co., N. D.
"CHEYENE," Margaret Hallett, Winnebago Co., Ia.
"SPORTSMAN," Harold A. Pierce, Waushara Co., Wis.
"EVANGELINE," Gladys Houx, Saline Co., Mo.
"BUSTER," Clifford Tures, Brookings Co., S. D.
"HAPPY," Harry Parker, Fergus Co., Mont.
"RASTUS," Herbert Hill, Clay Co., Minn.
"JEWEL," Arthur Marode, Douglas Co., Nebr.

You'd Love "Cub"

"Cub" is just the prettiest and cleverest little pony you or anybody else ever saw. While he is only about 43 inches high and doesn't weigh over 300 pounds he is as strong as a horse more than twice his size and can travel faster than lots of big horses. Besides he's a regular little pet, perfectly fearless and a chum you can have fun with all day long every day for years. When he is not carrying you and all your boy and girl friends that can pile in the handsome buggy we send, or when you are not riding him horseback, he will play with you and you can teach him to come when you call or whistle. We selected "Cub" at the famous Heyl Pony Farm, Washington, Ill., where we had over 100 ponies to choose from. This Heyl Pony Farm has taken all the best prizes at the State Fairs where their ponies have been shown.

Here's "CUB" and His Dandy Outfit



Complete Pony Outfit

With "Cub" we send this handsome buggy and harness which you see in the picture and also a saddle and bridle. We have purchased 71 Pony Outfits, so we know just the kind of a buggy to buy which is easy-pulling for "Cub" and the most comfortable for you to ride in. The saddle we have made to order and we include an imported riding bridle. If you had \$150.00 to spend for a pony alone you couldn't possibly buy a better pony than "Cub" whom we are going to send free to you or some other boy or girl with the complete outfit, (costing us over \$200.00 in all), which we send. No child no matter how rich his parents may be, has a pony and outfit which you would like to own better than "Cub" and his complete outfit, which we are willing to send free to you. Read this page through carefully and then send us your name and address today.

1000 Votes Free

If you send us your name and address right away we will at once send you 1000 votes free toward winning "Cub." See what a fine start these free votes will give you, and if you follow our directions and do as these 71 other boys and girls did, you will have just as good a chance to get "Cub" as they had to get their ponies, and none of our Lucky Pony Winners nor their brothers or sisters can get "Cub," but you have a chance to get him if you send us your name and address today. Boys and girls who write us quickest are generally the luckiest in winning our ponies. Cut out the coupon good for 1000 free votes, write your name and address on it, paste it on a postal card or put in an envelope and mail it to us today. Be sure to write your name and address very plainly so that you will get the 1000 free votes at once.

Just as soon as we hear from you we will send you the coupon good for 1000 free votes, enter your name in the contest, and tell how to take care of Shetland Ponies and feed them. And we have a surprise for you which will double your chances of getting one of our Shetland Ponies free. The work we require you to do to become a registered contestant for "Cub" is something that pretty near any boy or girl who could drive a pony can do, and we promise every contestant a fine prize of their own selection.

Did You Ever Dream You Would Own a Pony

Almost every boy and girl sometimes dreams that they will own a pony. All of our 71 "Lucky Pony Winners" did, and we made their dreams come true by sending them their Ponies and outfits. We never heard of one of these 71 boys and girls until they wrote us that they wanted one of our Ponies. As you can see by reading over the list the 71 Lucky Pony Winners live all over the United States, some of them more than 1,000 miles from St. Paul, the home of The Farmer's Wife, so it doesn't make any difference where the winner lives, "Cub" will be sent without any cost to you. More than half of our 71 Lucky Pony Winners live in towns with less than 500 population, and some of them in places with less than 100 people, so no town is too small or too far away for us to send "Cub" and his whole outfit. No child, no matter how rich his parents may be, owns a nobbler or more desirable pony and outfit than this one which we shall send free and all freight and express charges paid. This is surely the best chance you ever had to get a Shetland Pony, so if you haven't any and think you would like to have us give you this one, send your name and address to us right now so it will be sure to get to us quickly.

Address Your Letter or Postal to

THE FARMER'S WIFE 433 WEBB BUILDING, ST. PAUL, MINNESOTA.

The Best Present

We are going to give "Cub" and his complete outfit to you or some other boy or girl as a present, just like we gave 71 ponies and outfits to 71 other boys and girls. We have given away more ponies to boys and girls this past year than all other publishers in the United States added together, so if you want a Shetland pony free you ought to send us your name and address today.

Probably some folks will tell you that we won't give you "Cub," just like people told these other 71 boys and girls, and if you believe these people you'll never be one of our Lucky Pony Winners.

But the bankers or the postmasters in their towns told these other 71 boys and girls that the Webb Publishing Company, publishers of The Farmer's Wife, is one of the largest Publishing Companies in the United States and that of course we could afford to give away so many ponies and outfits to boys and girls to advertise our paper. So these 71 boys and girls sent us their names and addresses and won their ponies, and you will have to send us your name and address if you want us to send "Cub" to you, and we will help you right away by giving you 1,000 votes free toward him.



Cut Out and Sign This Coupon and Mail Today. Do It Now!

GOOD FOR 1,000 FREE VOTES!

THE FARMER'S WIFE, 433 Webb Bldg., St. Paul, Minn.
Please send me 1,000 free votes for "Cub" and tell me how to take care of Shetland Ponies and feed them. I have no pony and want to own "Cub."

Name _____
Address _____
City _____ State _____