

THE FARMERS MAIL AND BREEZE

Volume 42

July 27, 1912

Number 20



Western Bred Drafters "Picked Up" Near Home by a Horse Fattener and Being Prepared for Market

THE little country school is a good deal talked about just now. Next week's Mail and Breeze will contain an account and some pictures of the best district school in Kansas. There will be short articles by the candidates for state superintendent on bettering the home school. Also an article by E. L. Holden, specialist in rural education at Manhattan, on consolidated schools in Kansas. Fathers and mothers will be interested.

Double the Rural Route Circulation of Any Kansas Farm Paper

Big Land Opening, Kentwood, Louisiana, Sept. 20, 1912

THE SOUTH CALLS FOR MORE MEN!

The richest and most productive section of America offers amazing opportunities to the Northern farmer—a better reward than your father ever enjoyed. Do you want a productive farm in the high, well-drained Ozone Belt of Louisiana, where two and three crops can be raised a year?

THE BROOKS-SCANLON LUMBER COMPANY and the **KENTWOOD AND EASTERN RAILWAY** will open up 10,000 acres of their range land holdings for settlement September 20 on the easiest terms ever offered the farmer.

This land will produce big crops of Corn, Oats, Hay, Grass, Vegetables, Berries and Fruit.

We are lumbermen and railroad men and anybody familiar with the lumber industry knows that immense tracts of land with the growing timber must be bought years in advance of the sawing. We not only own a large body of land in Louisiana, but we own bodies of timber and land in Florida, Oregon, Minnesota, British Columbia and the Bahama Islands, and our interests extend to many parts of the world.

We are absolutely responsible and our interests are worth millions of dollars, as you can ascertain through any channel to which you may seek to apply. In transporting the timbers from the forests to Kentwood mills it was necessary for us to build 59 miles of railroad. Twenty-seven miles of the Kentwood & Eastern is standard gauge railroad and operates passenger and freight trains twice a day in each direction, and it is our purpose to increase the value of the railroad by actual colonists as much as to sell the land that we are making this extraordinary offer.

What we need now is the man that needs a home, and is not afraid of work. We have ample capital and can carry the payments and give an opportunity to the man who has but very little cash but plenty of ambition and energy. We will positively, under no circumstances, allow anyone to secure a tract of land in this first allotment who will not agree to settle on or work the land within one year from date of purchase.



We raise corn here that will make you open your eyes. John H. Henry, Jr., Mer Rouge, La., raised 150% bu. of corn to the acre. Can you beat it?

NO SWAMPS FLOODS MALARIA MOSQUITOES

HERE IS THE BEST PLACE IN
AMERICA FOR A POOR MAN
TO GET A FARM.
KENTWOOD, LOUISIANA.



We Guarantee These Lands. Your Money Back If You Cannot Make It Go.

And now for the Gulf Coast of Louisiana, the last and best farming country of them all, where two and three crops can be raised a year, where mild winters and enjoyable summers obtain, where a poor man stands a show, where the thousands of farmers will come in the near future.

Make up your mind to come to this opening—10,000 acres of guaranteed land, as fine as lays out of doors to be settled by actual farmers on terms never before offered in this country. No need to rent any more—here's your opportunity for a real farm in a real country. We will run our own special train September 17th. Remember this is great corn, oats, hay, vegetable and fruit lands. If you are willing to work you can be independent in a short time if you get one of these farms.

Write for Booklets, Maps, Photos, etc., to
C. H. McNIE,
Land Commissioner
Brooks-Scanlon Company,
Kentwood & Eastern Railway,
KENTWOOD, LOUISIANA

EXCURSION SEPTEMBER 17.

What we will do for our settlers. We furnish a demonstration farm and an expert Southern farmer who will plant any variety of crop that you may designate as an experiment; who will give you expert advice at any time free of charge.

We will furnish you lumber for building material right from our mill on the ground at wholesale prices. If you fall ill or something goes wrong, we will extend your payments.

In case of death after one-half of the payment has been made on the property, we will give a warranty deed without further payments to your heirs.

We will guarantee that your crops will make you a profit in twelve months' time if worked under the directions of our expert or refund you every penny you have paid us on your farm, plus six per cent interest.

This in itself shows that we have the greatest confidence in the world in our land.

We know it will yield almost any crop that can be grown in a semi-tropical country, that the land is rich and that the average farmer cannot fail if he will use his head and his hands. We could not afford to put a guarantee of this kind behind our proposition if we did not know the great majority of American farmers could more than make good.

You cannot lose. We take all the risk.

CUT OUT THIS COUPON.

Mr. C. H. McNIE, Kentwood, La.
Please reserve space for me on your special train Sept. 17, 1912.

Name.....
Rural Route.....
City..... State.....

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.

A Bad Case of the Mulligrubs.

Mr. Editor—Recently there appeared in the Mail and Breeze, an article by Fuzzy D. Coburn, on "The Problem of the Loaf." Now there ought to be a key sent along with those articles so the common layman could understand them. As far as I am able to understand it, Fuzzy says if a farmer doesn't raise a big wheat crop it is a lack of ambition.

Now notice this testimonial: "I came to Kansas 30 years ago, had almost nothing. Now I have nothing." We are never disappointed out here in Kansas because we don't expect to raise anything and we don't raise it, so we are all right. O, ye gobs of dog wool! O, ye bunches of fertilizer, cat hair, bug dust and so on!

Let's go back three years and see whether or not the proper preparation of a seedbed, and so on, makes a wheat crop. The winter of 1909-10, when there was such an abundance of rainfall—in the winter of which ye old Fossil D. said was worth untold millions and that it would soak in—it soaked in all right to the extent that this county was 98 per cent failure and all the central counties were practically the same. O, ye old dust mulch!

Now I suppose that was a lack of farming with brains.

Then comes the year of 1911 which broke all records for heat and dry weather, not a particle of rain from May 31 to July 19. O, ye wet wash and ye dry cleaning process! Yield for state in 1911, 11 bushels. Wonderful lack of brains!

Now comes the year 1912. As I write this the mercury stands at 105 in the shade with a hot wind blowing. Have had no rain since the first part of May. Oats will make about 7 grains to the acre, corn is burning up, the alfalfa crackles under your feet like glass. It is a fact there is some good wheat but nothing is said about the thousands of acres that blew out last winter and which can be traced to the teaching of the Agricultural College and such men as Fossil D. I can show you fields that blew out where the land had never blown in a period of 40 years, all caused by working the top to a dust.

I notice all towns have slogans. I can also write one, based on 40 years in central Kansas and which is "If you are not looking for anything you get results."

Harry Leclerc.
R. 3, Burrton, Kan.

[This appears to have been a very bad case of the mulligrubs. Kansas once had a secretary of agriculture who, during a fit of this kind, published an entire volume to prove that farming did not pay in Kansas and that it was foolishness to try to make it pay. That book was the only thing he did while in office. After writing it he was too greatly discouraged to attempt anything else except to draw his salary. It is human nature to seek to blame others for our misfortunes. Job cursed God. Of course no sane person advocates overcultivation where winds blow hard. That some have made this mistake in Kansas is regrettable. It only goes to prove that a little agriculture like a little learning is a dangerous thing when it is misapplied.—Editor's Note.]

The Out-and-Out Party Man.

Mr. Editor—Probably 85 to 90 per cent of the Republican voters north of Mason and Dixon's line have inherited their

politics from northern war-sympathizing relatives and south of that line the same applies to Democratic voters who received their political ideas from the South's sympathizers. To this day we are guilty of clinging to these relics. The usefulness of the two old parties has long since ceased and they no longer serve the needs of an up-to-date society. We are progressive in almost everything but our politics.

The holding together of these antiquated organizations is accomplished by a bunch of adherents that are feasting on patronage or who have an unquenchable longing for it. It is the eternal itch for office that makes them so zealous and intensely partisan. Show me a ward heeler in either party and I will show you an intense party man.

Galena, Kan. J. P. Brumfield.

Anyway He Is For Capper.

Mr. Editor—I am a reader and subscriber, also an admirer of the Mail and Breeze. I am a Republican, whether a standpatter or progressive, I do not know. But I am for Arthur Capper for governor.

Ira D. Hawthorne.
Richmond, Kan.

Not All Depends On Testing.

Mr. Editor—In the Mail and Breeze of June 29, on page 24 is a general roast by some writer who surely is chock full of conceit. He seems to think the testing of seed corn is going to overcome all the trouble we have with poor stands and replanting, leaving out of all consideration insect depredations, etc.

Last year we tested our seed with a water tester and had such a poor stand that we had to replant in many places. Last fall we selected most of our seed as it came in from the field, let it dry thoroughly, shelled it and kept it in a dry room. Part of our corn land was tame grass sod on which we got a very

good stand. We also got a good stand on fall plowed gumbo but on spring plowed gumbo the stand was poor. We listed part of our corn land and planted with a planter. After a few rows were planted we stopped and these rows show a good stand. The next planting of the same seed did not make 20 per cent of a stand and a later one did not make 5 per cent. We replanted until our seed gave out, then went to the crib and a third replanting with the lister gave a perfect stand. Would seed testing have overcome all these troubles?

The differences in these stands were due to the soil temperature and kind of weather. Test your seed but also test your soil. Don't guess at it but get a few thermometers, set them and watch the changes. Tested seed will rot in cold ground as well as poor seed.

Marion, Kan. J. T. Smith.

Where Capper Would Qualify.

Mr. Editor—I favor Mr. Capper for governor because I think his business and life have given him opportunity to know, as well as it is possible for any one man to know, what the majority of the people want and need. Again, he is a success at managing a big business of his own and will be competent to manage the office of governor ably. I have never heard his honesty, integrity, or business ability questioned. He is a "go getter."

George L. McFadden.

Benedict, Kan.

Every Man His Own Seedsman.

Mr. Editor—One of the things western Kansas farmers should do is to raise their own seed, both grain and vegetable. We would then not only have fresh seeds suited to withstand our climatic changes but would keep the profits in our pockets instead of letting the seed dealers have them. It is not so much the loss of money paid for a package of worthless seeds that counts, as it is the failure. The seeds you buy at the stores are not guaranteed to be fresh or fertile. Go to your field and garden for your seed instead of the store.

Studley, Kan. A. J. Mowry.

Are Non-Advertisers Reliable?

Mr. Editor—Some time ago I read in the Farmers Mail and Breeze about the man who got stung by a Lawrence nursery agent. He thinks the firm that does not advertise is not reliable and I believe there is truth in his statement. The last four years I have been bothered a great deal with agents and have never seen an ad of the firms they represented to show they were reliable. This Lawrence nursery has some agents out that are a detriment to farmers as well as to the nursery they work for. A nursery in Abilene is also complained of by many, here. A nursery in Beatrice, Neb., sells a good many trees here without agents. They fill our orders and we send the money and all is satisfactory.

Charles L. Simpson.

Haviland, Kan.

Why Not Dam Up the Runoff?

Mr. Editor—In last week's Passing Comment you say that if the runoff from rains in western Kansas and Oklahoma could be impounded in large reservoirs it would be a great benefit to growing crops. Why not terrace this land and keep the water where it falls so it will be within easy reach of the growing crops? This should also have a moderating effect on our hot winds. I do not see why terracing could not be done by private enterprise and be a success. The cost would not be more than that of putting in one crop on the land. A terracing level can be bought for \$15 and with one of these instruments and a stout team, two or three men with a plow could soon throw up furrows that would stop every drop of water that fell on the land. Please tell your readers to terrace their land out there. I am selfishly interested because the runaway water from these western fellows' lands threatens my crops every year.

John J. Hoover.

Mooreland, Okla.

[A western Kansas reader of Farmers Mail and Breeze has worked out such a system as this for holding the runoff. A description of it will soon be published in these columns.—Ed.]

Trial trip until January 1, 1913, for 25 cents, Mail and Breeze, Topeka, Kan.

STATE FAIR, TOPEKA, SEPTEMBER 9-10-11-12-13, 1912



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OUR OLD FRIEND TIMOTHY AND HIS GOOD POINTS

Gentle reader, this article is not intended to be an argument or a boost for more timothy in Kansas. There are better forage crops and probably better grasses for Kansas, unless timothy, because of its habits and certain qualities, happens to be the grass that fits in best in your scheme of farm management. That is for you to decide. Timothy is called the great standard hay crop of America and leads the procession of cultivated grasses. It was a great favorite of the Kansas pioneers. In this article Superintendent TenEyck considers the crop from the Kansas viewpoint and tells the truth about our old friend's good qualities.—Editor's Note.

TIMOTHY is too well known to need description. It easily ranks first as the great standard grass of America. Its general use and extensive cultivation arises in part from the wide range in its adaptation, or more from its many good qualities. It is easily grown, cured and transported. It seeds abundantly and the seed is easily saved. The hay has an attractive appearance and is highly palatable and nutritious. It has been found especially adapted to the needs of horses. For cattle and sheep a combination of timothy and clover is to be preferred to timothy alone.

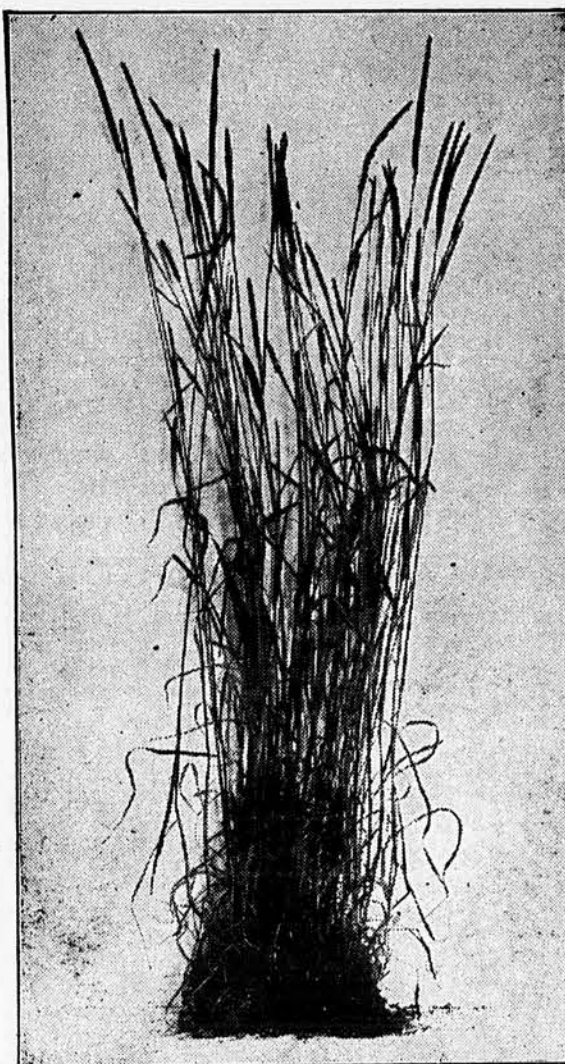
Timothy requires a temperate climate and a moist, fertile soil for its most successful growing. It is best adapted to bottom lands and soil rich in humus and is not considered a good upland grass. Its roots do not grow so deeply into the soil as those of Bromus inermis and some other grasses, accordingly it is not so good a drouth resister. It makes a good growth of fibrous roots near the surface, but does not produce a firm sod because the nature of the plant is to grow in tufts or stools and it does not spread from the root. On account of this characteristic, and also because of the bulbous character of the root at the crown of the plant, timothy is easily injured by the tramping of cattle and by close grazing. For these reasons it is not considered one of the best pasture grasses, although in certain areas it is much used for pasture at present.

Timothy should be sown in the early fall or early spring. If the grass is sown alone in August or in early September and starts well, it should produce a fair crop of hay the following season. A good catch is more certain when the grass is sown without a nurse crop, but timothy is also one of those grasses which may be successfully seeded with a nurse crop. When the nurse crop is used, all things considered, a good stand of grass is more certain to be secured when the seed is sown with a winter rather than with a spring nurse crop. When seeded alone for hay or

How He May Still Serve Us

BY A. M. TENEYCK
Supt. of Hays Branch Station

Written For Farmers Mail and Breeze



pasture 12 pounds of good clean seed per acre is an ample amount and less is often sown.

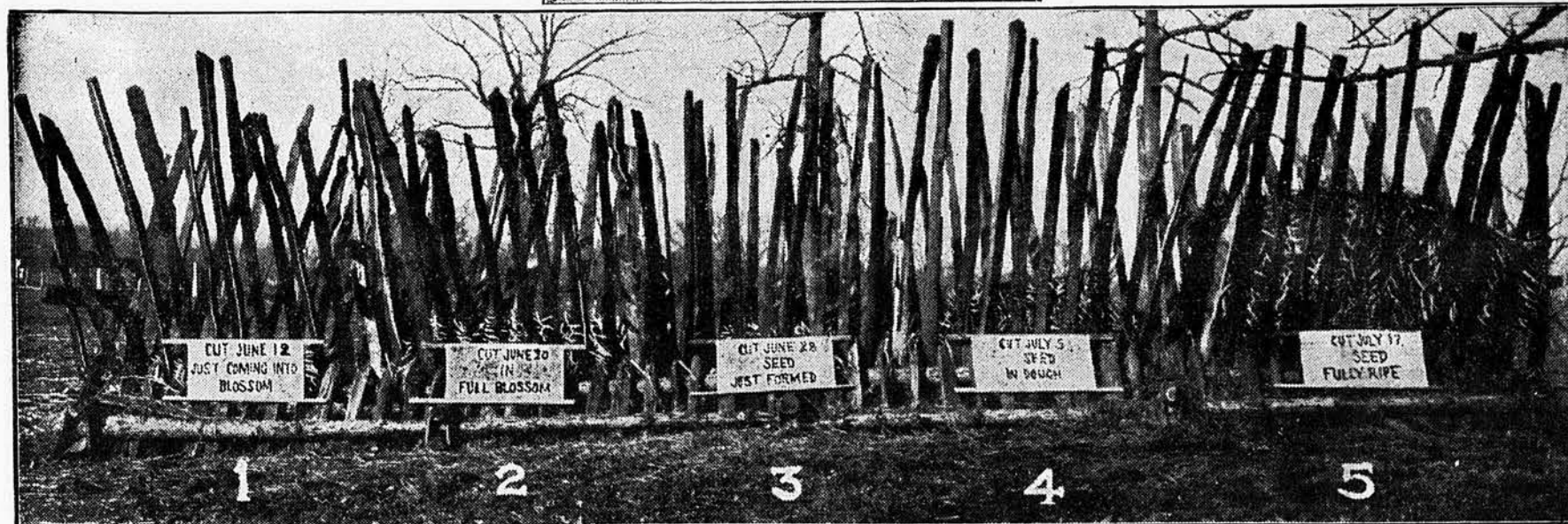
"Timothy may be sown in various combinations. The most suitable of these is clover in one of its varieties. It has a peculiar adaptation for such a combination, for the reason, first, that it has the power to fight the battle for existence and to hold its own place when sown along with clover. Second, a greater return of the combined crop is usually obtained than would be of either plant, grown singly. Third, the quality of the hay is improved for general feed because of its increased fineness and wider adaptation to the needs of the various classes of livestock. Fourth, timothy luxuriates on the food furnished by the dead clover roots. Fifth, as timothy, usually is longer lived than clover, it is then possible to secure a longer succession of hay or pasture crops than if timothy were sown alone."

These quotations are taken from Prof. Shaw's book on grasses, page 67.

Usually Red clover and timothy are sown together, but the combination of timothy and Mammoth clover or of timothy and Alsike clover is superior to that of timothy and medium Red clover. This is because the two varieties of clover mentioned mature about the same time as timothy, while medium Red clover matures about three weeks earlier than timothy. Timothy is also especially adapted for growing with Alsike clover since both Alsike clover and timothy grow at their best in moist soils rich in humus. On some low lands redbtop, Alsike clover and timothy, make a good combination, giving larger yields of a finer quality of hay than timothy and Alsike clover or timothy alone and making a more permanent and productive pasture. When timothy is sown with clover 8 to 10 pounds of timothy are usually seeded with 8 to 10 pounds of common Red or Mammoth clover, or 5 to 6 pounds of Alsike clover per acre. In combination with redbtop, 8 pounds of each is the usual amount seeded, and with Alsike clover and redbtop 6 pounds of timothy, 4 pounds of redbtop and 4 or 5 pounds of Alsike clover are about the practical amounts to sow.

To make the most palatable quality of hay timothy should be cut just as it is coming into bloom. When grown in combination with common Red clover it is necessary to cut the crop as early as this in order to secure the clover before it has become too ripe to make good hay. The hay cut at this stage is best for cattle and sheep. If cut when in full bloom timothy hay will be dusty and objectionable to horses. To make the best hay for horses the grass should be cut at the stage called "second bloom," which is really,

(Continued on Page 21.)



Top Picture: Kansas timothy. Lower Picture: A famous feeding experiment once conducted by President Waters of Kansas Agricultural college to demonstrate when timothy should be cut for hay. (1) Timothy cut when just coming into blossom. Hay entirely consumed. (2) Timothy cut in full bloom. Three-quarters of the hay eaten. (3) Timothy cut with seed just formed. Hay half eaten. (4) Timothy cut with seed in the dough. One-quarter eaten. (5) Timothy cut when seed was fully ripe. The hay untouched. Equal amounts of hay were put in the racks at the same time and the stock was allowed to eat it at will.

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

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Entered as second-class matter Feb. 16, 1906, at the postoffice at Topeka, Kansas, under the act of Congress of Mar. 3, 1879.

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

KEEP YOUR TEMPER AND YOUR OPTIMISM.

The other day I had a talk with an old man who in the days of his young manhood made a fine record as a gallant soldier. He was several times wounded while fighting in defense of his country and is deserving of the gratitude of his fellow countrymen.

However, the old man seemed to me to have been overcome with a feeling of pessimism. He seemed to be laboring under the impression that things are going to the bad and that there is a most gloomy outlook for the people of this country.

In my opinion he is wrong. Undoubtedly there are a good many things that are not as they ought to be. They never have been. There never was a time in the history of the world when selfishness and bigotry and ignorance and intolerance did not retard the progress of justice. There never was a time when a powerful and selfish few did not demand and receive the benefit of special privileges at the expense of the many. There never was a time when the burdens of life were equally and fairly distributed.

Perhaps there never will be, but after all has been said that can be justly said against present conditions, that permit a few to reap rewards out of all proportion to their deserving and which pile unfair burdens on the backs of those least able to bear them, it can still be said, I think, that conditions are better even for the poor than they have ever been before. That is not saying at all that there is no need for agitation for much better conditions than we have at present. Agitation ought to continue, but it ought to be a hopeful, intelligent, tolerant agitation. I do not have much faith in vituperation and abuse. The scold does not get anywhere. He may be largely right in the position he takes so far as principle is concerned, but he cannot convince another man by scolding him.

Once in a while I get a letter from a reader taking exception to something I have said. If the criticism is given in a kindly, good natured way, it gives me no offense. On the contrary, it sets me to thinking from the viewpoint of the writer. I say to myself, that man is fair and honest, maybe he is right. At any rate, I am in a frame of mind to consider what he has to say. But if he abuses and scolds me I get hostile and resentful. I am in no frame of mind to listen to his arguments. I resent his scolding and abuse.

I take it that what is true of myself is true of the average man. I think there are people who have to be taught with a club. They are people who insist on clubbing other people and of course the only argument they can understand is the argument of the club. Fortunately, they are in the minority, and a small minority at that.

But the man who yields to the argument of the club is not convinced. He is simply overpowered

and whenever the time comes that he can get even with the party who clubbed him into submission he will try to get even.

A story is told of a Kentucky mountaineer who was intensely religious in his way. He was a firm believer in immersion as necessary to salvation. He had a neighbor who did not agree with him at all. He decided that he ought to save that man. One day he announced to his wife that he felt it to be his bounden duty to go over and save that old sinner, Bill Likens. He returned in a couple of hours bearing on his person the marks of conflict but with a triumphant light in his eye.

"Did you all see Bill?" asked his wife.

"I did," said the mountaineer.

"What did you all say to him?"

"I said to him, says I: 'Bill, you hard-headed and pertinacious sinner, do you acknowledge that there is no such thing as bein' saved unless you are dipped?' He bristled up and says, says he, 'I don't acknowledge nuthin' of the kind, Lige Perkins.' 'Then I says to him, says I, 'Bill Likens, I've come over here to save you-all's contrary and obdurate soul which is in the gall of bitterness and bonds of iniquity, and so help me Jehosaphat, I am a goin' to do it. Air you-all willin' to be dipped?'"

"Not on your life, Lige Perkins," says he. "Then says I, 'peel your wamus, Bill,' says I, 'this har matter is goin' to be settled now.' 'Well, Bill he shed his wamus promptly enough, fur I will say this fur him, that he isn't lackin' in the courage to stand up an' fight fur a bad cause. We fit I should say fur half an hour and tore up considerable sod. Fur a spell it was nip and tuck between the forces of the Lord and them of Armageddon, but I finally managed to git my thumb in Bill's eye and says, says I, 'Bill, air you-all willin' to acknowledge that dippin' is essential to salvation or must I gouge out this yere eye of yours?'"

"Bill didn't say nuthin' fur a minute and I shoved my thumb in a little furder. Finally he couldn't stand it no longer and yells, 'Dippin' goes, with me, Lige; fur God's sake take yer thumb outen my eye.'"

"Will you be dipped?" says I. He hesitated and I jammed my thumb in till his eyeball begin to bulge outen its socket. "I will," he said and so I let him up. I'm a goin' now to git the parson and take Bill down to the hole in the creek. When I've saved a miserable sinner I don't intend to take no chance on his gittin' away."

There are well meaning people in the world and a good many of them who have about the same plan of salvation, religious, political and economic, as the Kentucky mountaineer. They would force their views on other people, not by convincing and gentle argument, but with a club or by gouging out the eye of the individual who disagrees with them.

But in spite of intolerance and selfishness and dishonesty the world is getting better.

HIDEBOUND PARTISANSHIP.

A couple of weeks ago I referred to the declaration of Champ Clark that he had never scratched a Democratic ticket and never intended to. A Democratic subscriber writes me attacking me with great vigor and rather abusive language on the theory that I have made an attack on the Democratic party, which I had no thought of doing.

I know Republicans who are as politically hidebound as any Democrat could possibly be, who declare that they will never under any circumstances vote for a Democrat or scratch a Republican ticket. They are no more to be commended than is Champ Clark, the only difference being that it sounds a little worse for a man who is a national character like Champ Clark to say that, than for a man who is simply a humble private citizen, unknown outside of his immediate neighborhood.

Mr. Bryan is the greatest man in the Democratic party, but he has the courage to defy his party when it doesn't take a course that accords with his ideas of good government. When his party in Nebraska took a position on the liquor question that he did not believe was in the interest of good morals and nominated a man for governor who represented the worst rather than the best element of his party, Mr. Bryan had the courage to openly condemn the party action and refuse to support the nominee.

Now from a purely political standpoint that did not seem to be expedient on Mr. Bryan's part. It made him bitter enemies in the ranks of his own party. It turned against him a man who had supported him and who had a powerful following in the state of Nebraska.

But wasn't Mr. Bryan right? If Mr. Bryan conscientiously believed that the election of the Omaha mayor to the office of governor was not in the interest of clean government, was it not his duty to openly oppose his election, although he was the regular nominee of his party? I think so.

This Democratic subscriber who is offended at what I said concerning the Champ Clark declaration says that a large majority of the boodling aldermen of St. Louis were Republicans. Probably that is true, but it makes no difference about the right or wrong of the principle. If Mr. Clark had been a resident of St. Louis he would, according to his own declaration, have supported all the boodling Democrats. If he would have been justified in doing that, of course every Republican in St. Louis would have been justified in supporting every boodling Republican.

What I want to impress on the minds of the read-

ers of the moral and agricultural guide is this: That no honest man has a right to support an incompetent or dishonest man for office, no matter what his party affiliations may be. It is this slavish adherence to party in the past that has given bosses and fixers their power. The typical political boss and fixer doesn't want a real honest, independent man in office. He can't handle him and in order to get out of politics what he wants to get out of it, the political boss must have men in office whom he can handle.

HE IS STILL FOR TAFT.

Editor Mail and Breeze—In reading the Passing Comment one is enabled to get the pro and con of nearly every question under the sun. I have always had an abiding faith in Tom McNeal's fairness and therefore was pleased and somewhat amused when he candidly admitted that he did not know what the so-called progressives propose to do. He says that he knows what he proposes to do, which I suppose is, go on helping to mould public opinion—for whether he knows it or not he is a power in that direction.

Now, brother Republicans, and especially those opposed to Taft on account of his reciprocity idea, was not that "revision downward" and did we not all vote for that same thing four years ago? Personally I did not favor that plank, being a protectionist and shying at anything that savors of free trade, but I honor Taft for trying to carry out the pledges of the platform.

Now suppose that I should sell a horse to my neighbor, guaranteeing the animal in every respect to be exactly what he and his family needed and in four years should go to the neighbor and say, "That is the orneriest son-of-a-gun of a horse that ever lived; not safe at all, but try me again and I'll suit you better next time." Would that strengthen his confidence in me? Would he patronize me next time he needed a horse?

Does not that represent the position of T. R. the Terrible?

It is rather pathetic to see a break in the friendship that existed between Taft and Roosevelt and I think all will admit that Taft did not make the break. He ignored T. R.'s vicious attacks as long as possible and then did not return them with the same viciousness which characterized Roosevelt's. A man with such a taste for blood and gunpowder is not the kind of a man for the head of a peace loving nation.

In looking up the history of the Republican party we find that every bolt has been followed by the election of the regular candidate, therefore we should thank T. R. for putting on the side show for the benefit of the real Republicans. Now here is Taft and four years more of good prices, fire-eating, southern ideas.

Mr. Langston is evidently a man whose optimism cannot be shocked. He is the first man of the stand-pat persuasion who figures it out that Roosevelt's candidacy will help Mr. Taft. If he can prove that to Taft he is the individual the president is most earnestly and eagerly looking for.

CONCERNING DELIVERY OF CREAM.

Editor Mail and Breeze—We, as a neighborhood of farmers and milkmen of Cowley county and readers of your valuable paper, the Mail and Breeze, are up against a proposition here and would like very much for you to take it up in your columns and comment upon it and advise the best way out. We live from 7 to 10 miles from town and milk from 10 to 25 cows and farm for a living.

The law of the state compels us to deliver our milk three times a week. We have a good man who has been handling the cream for the last two years. He buys the cream, tests it here at home and there is no kicking on our part, but the companies are howling and refuse to buy the cream of him. The kick is coming from the middlemen in our little towns. They are trying to force us to deliver cream at the same price per pound that he pays us at home three times a week and let our crops go. We think that Swift and others can just as well tell us to whom we should sell our corn and hay.

Now we would like to hear from others. Is there any remedy for us? The Continental Creamery offers 2 cents a pound more than the regular price to force him to quit, but we won't sell to them even if they do run him out. Please let us hear from you through your valuable paper.

Atlanta, Kan.

I am not sure that I get a clear understanding of Mr. Barnhill's complaint. I do not understand that he is objecting to that provision of the law that compels the delivery of milk or cream three times per week. Nor am I entirely clear as to what he means by the middlemen.

If the Continental Creamery company is not dealing fairly with the farmers who are producing milk and cream why not proceed to organize a co-operative creamery company and go into the business yourselves? You will either have to submit to the market you have or create a new market.

A co-operative creamery can be made a success with the right sort of management. With poor management it would of course be a failure, but that is true of any other business.

MR. ANTHONY AND MR. STUART.

A few days ago I submitted a number of questions to both Mr. Anthony and Judge Stuart who are candidates for the Republican nomination for congress in this district and here-with publish the questions with their replies.

I think that the intelligent readers of the Mail and Breeze will be able to draw their conclusions. The answers of Judge Stuart are for the most part definite, concise and easily understood. It seems to

me that the same can hardly be said for all the answers of Mr. Anthony.

Question 3 I supposed was plain but evidently Mr. Anthony does not understand it. At least his reply does not indicate any conception of what is meant by the question. Neither can I tell from his answer whether he is for or against the Aldrich plan or whether he is for or against a national currency as against a bank currency. Certainly the states at present have no such privilege as is indicated in Question 3.

Neither can I tell from reading his reply just what position Mr. Anthony occupies concerning the ship subsidy. If you read his answer one way it appears to be against a ship subsidy but you can also read it so that it would seem that he might be for the subsidy. I regret that Mr. Anthony has not been more clear and specific in most of his answers.

Editor Mail and Breeze—Your letter of the 17th inst. received. I am glad indeed, that you asked me the questions you did. I recognize that you, as well as every other voter, have a right to know how a candidate for congress stands upon all public questions, and I have no desire to conceal my attitude on public questions, or evade any issue, and shall proceed to answer in their order all the questions contained in your letter. You have my full permission to make public my answers, although I appreciate the fact of your offer, to treat my answers as private, should I so desire. Necessarily in a letter it is impossible to go into all my reasons for the answers I give. Your questions and my answers are:

1. Are you in favor of or opposed to the currency plan proposed by the monetary commission, commonly known as the Aldrich plan?

Answer: I am opposed to the Aldrich plan, as in my judgment it would tend to create a money trust.

2. If you are not in favor of that plan, are you in favor of a government currency as opposed to a bank currency?

Answer: I am in favor of a government currency as opposed to a bank currency.

3. If elected to congress will you be in favor of a plan by which states, where their constitutions do not prevent, may deposit their bonds bearing 2 per cent interest payable to the government, and on those bonds have issued to them currency, as national bank currency is now issued to the national banks; this currency to be made full legal tender, the states to use the same in developing their water powers, the making of public roads, the conservation of flood waters and other useful public improvements?

Answer: I have not had the opportunity to give the question the study and thought that should be given it before a final determination, but am inclined to favor such a plan; but of course, there should be some limitation as to the amount of bonds any one state should be allowed to issue for such purposes.

4. Are you in favor of a ship subsidy bill?

Answer: No, I am not in favor of a ship subsidy bill.

5. Would you if elected to congress favor the abolishment of the inferior United States courts, compelling corporations to try all ordinary litigation in the state courts and where a federal question arises that cannot properly be tried in the state courts, provide for its being taken immediately to the supreme court of the United States?

Answer: I am in favor of compelling corporations to try all ordinary litigation in the state courts, and when a federal question arises that is necessary to be passed upon by the United States courts that provision be made for its being taken immediately to the United States supreme court, and if this policy makes unnecessary the maintenance of some of the United States courts, then such courts should be abolished.

6. Are you in favor of a free canal for American ships?

Answer: I am in favor of a free canal for American ships. The American people paid for the canal and should have the benefits to be derived from it. A free canal would stimulate our merchant marine and tend to increase both our domestic and foreign trade.

7. Are you in favor of the enactment of treaties between this government and the leading powers of Europe and Japan, by the terms of which the contracting parties shall agree to cease at once the enlargement of their armies and navies and the reduction of the navies especially to such revenue cutters or other small vessels as may be necessary to police the shores of the various countries, also the reduction of the standing armies to a national police basis, the object being to forever abolish war and lift from the backs of the people the terrific burden of the present enormous military establishments?

Answer: Yes. But be it understood, in my judgment, this could and should be brought about only by treaties binding upon all the leading powers of the world, and until such treaties are entered into and ratified by governments that are parties thereto, this country should always be in condition to protect itself and its citizens at home or abroad from the injustice or oppression of any other government on earth.

8. If elected to congress will you use your best ability, influence and energy to place a law on the statute books that will prevent the saloon keepers of Stillings, East Atchison and other places on the border from peddling their liquors in Kansas in open defiance of our state laws?

Answer: Unhesitatingly and emphatically, yes.

9. Do you believe in the recall of judges, or do you believe with President Taft, that the courts and judges should be above and independent of their creators, the people?

Answer: I am in favor of a life tenure for justices of the supreme court of the United States. I think all other federal judges should be appointed or elected for a term of years, say from six to 10 years. I cannot see how the recall of judges in this state could subserve any useful purpose as their term of office is so short that they always have been and always will be responsive to the needs and requirements of a progressive civilization. But I am in favor of giving the people a chance to say whether or not they want to recall judges. Court and judges should never be above and independent of their creator, the people.

WILLIAM I. STUART.

Troy, Kan., July 19, 1912.

Editor Mail and Breeze—This will acknowledge the receipt of your letter of July 17 which came during my absence campaigning in Jefferson and Jackson counties, and this is the first opportunity I have had to answer it. In reply to your questions as to my opinion on the various propositions which you submit I am very glad to an-

swer them and will take them up in the order in which you submit them:

1. I am in favor of a reform in our currency laws, not necessarily the Aldrich plan or the plan proposed by the monetary commission, but of some such plan as will give elasticity to our currency as business needs may require, but would not vote for any law which would vest control either at the seat of the national government or in the big money centers of the East.

2. Our present national banking laws have shown their value so far; the only improvement I can see is to provide for elasticity in currency issues through both national and state banks organized into local geographical groups.

3. I believe in reserving to the states the right to issue their own bonds for improvements such as you suggest, and believe most states now have ample power to do the things you suggest on their own responsibility.

4. I favor any sound, sensible plan for the up-building of the American merchant marine but prefer that aid be extended either in the shape of preferential duties to goods imported in American bottoms, or through liberal payments for the carriage of American mails upon the high seas in American vessels, or in free tolls to American ships through the Panama Canal, rather than in a direct cash subsidy.

5. I am not in favor of the abolishment of the inferior courts of the United States. I do favor, however, laws which would compel corporations to bring all ordinary litigation in the state courts and when a federal question arises that cannot properly be tried in the state court that provision be made for its being immediately taken to the supreme court of the United States. There is no question but that many of the big corporations deliberately ignore the state courts in their efforts to evade proper regulation under state laws.

6. I am in favor of the Panama Canal being made free to American ships with reasonable tolls for foreign vessels. This country paid the money to build this canal and should have some advantages.

7. I would favor the enactment of treaties between this country and the leading governments of Europe and Asia which would permit the discontinuance of large naval and military armaments. I believe that under such treaty the armies and navies of the world could be maintained on no larger basis than would be required for the exercise of ordinary governmental powers, but until this can be done I favor a strong American army and navy, and particularly a strong navy, as the best guarantee of international peace.

8. I have always declared my advocacy of a law which would uphold the police powers of the various states which have prohibitory laws in regard to the interstate shipment of liquor intended for sale in violation of the laws of such states.

9. I am not in favor of the recall of judges as commonly accepted. I am against the principle of the recall of judicial decisions, but I am in favor of limited terms for judges and a law to make it easy to impeach and to remove judges who do not properly perform their duties. I am also opposed to judges using the powers of their judicial positions as a means to secure political advancement. The present constitutional prohibition in regard to the pernicious participation of the judiciary in politics should be reinforced by a proper state law providing a penalty. There is no question but that the majority sentiment of the American people should be allowed expression at all times, and when so expressed should rule under our government.

D. R. ANTHONY, Jr.
Leavenworth, Kan., July 21, 1912.

FOREIGN IMMIGRATION AGAIN.

from a world-wide viewpoint. But that dips a little too deep into the well of Socialism to suit me. According to what you say, your ancestors immigrated to this country from the British Isles and Holland, as mine did from the Isles long enough ago to have helped free the American colonies from foreign oppression, and later from American slavery, and they have, no doubt, suffered the toils, privations and dangers of frontier life in hewing a great nation out of the wilderness and making it a convenient heritage for our children.

Now, the question is, is it proper for agencies of influence to invite all the world to come and possess equal privileges with ourselves and our children? If that is right, then is it right when any person has toiled in any other direction and has accumulated a generous competence for himself and his children, for others to share it equally with him and his posterity?

Now, if you apply all the accumulations of yourself and your ancestors for generations back, to the accumulation of an inviting residence and noble park, sufficient for building sites for all your children, how would it be if I should drive up and go to building on the back side of your park?

The time was when we needed tollers and fighters, too, to make this country a desirable habitation, but as neither those who are coming now nor their ancestors responded to that need, I don't believe they have as much right as you and your children.

If I were boss I would let desirable people come; but I would do a whole lot of sifting, and perhaps would sift out the whole breeding ground of anarchists, and the breeding grounds of blackmailers and abductors. And I would not allow the pictures of Paradise carried to them to induce them to come.

Olsburg, Kan.

I cannot see that there is much ground for dispute between Mr. Logsdon and myself. I certainly would keep out of this country if I could, the undesirable immigration. I would not permit, if I could prevent it, that foreign countries should load onto this country their criminals, their anarchists, their paupers and their diseased.

There are however, millions of honest, hard working, law abiding and intelligent people in Ireland, England, Scotland, Sweden and Norway, Germany, Austria, Italy, Russia and other countries who would like to get the benefit of the better opportunities this country offers and I believe it would be a benefit not only to them but to this country to have them come here.

Mr. Logsdon says that he would let the desirable foreigners come. I only want desirables to come; so we seem to be together. No law that can be framed will keep out all the undesirables. Any law regulat-

ing foreign immigration will work a hardship on some poor and worthy foreigners seeking a place where they can enjoy the blessings of freedom and get a chance to build up homes for themselves and their children.

I am in favor of fair restrictive laws, but I am not in favor of closing our doors entirely.

Observations By Old Cy.

"I never took much stock," remarked old Cy Plunket, "in the theory that there are a lot of innocent men sufferin' punishment in the various penitentiaries. There may be some but my opinion is that most of 'em got pretty nigh what was a-comin' to 'em. What I hev observed however, is that there are quite a passel of fellers outside the penitentiary who really belong inside. Somehow or other they hev managed to just skin along on the edge and never quite got over. They did enough meanness to entitle 'em to wear prison clothes most of their lives, but they never got tangled up with the law. Still I caint say that it is much of an argument for the feller who is inside to say that there are lots of people outside who are full as bad as he is."

"T'other day I saw old Jim Limberlip sittin' on the corner talkin' to a crowd of fellers who hed gathered about him. He was holdin' forth on the general injustice of conditions and declarin' that what was wrong with the present system was that people didn't git what was justly comin' to 'em."

"Every man he said was entitled to the full product of his toil. I didn't mix into the discussion but I said to myself that it was mighty lucky fur Jim that his theory hadn't been in operation for some time back for if Jim had never got no more than the product of his own labor I am afeard that he would hev starved to death long ago."

"After I left Jim I run onto another feller who dresses well and always appears to hev plenty of money. His dad left him a lot of property and he lives fat off the rents. He was eussin' the agitators; said they was a wuthless lot of fellers who wouldn't work and wanted to make substantial business men divide up what they had with the rag tag and bob tail."

"It occurred to me then that I hed known that feller for 20 years and hed never known him to do a single day's work in all that time. I said to myself, 'This feller and old Jim Limberlip ought to be yoked up together. Neither one of them has ever been of any benefit to society in general and both of 'em are leechers on the honest industry of the world, the only difference bein' that old Jim hasn't sucked as much blood as this feller. That wasn't because he wouldn't hev done so if he could but he never hed the opportunity. The only difference between the rich loafer and the poor loafer is in degree, not in principle.'"

THE KANSAS ISSUE

We all know that through nobody's fault in particular taxes are increasing enormously from year to year. This is especially true as to cities, townships and school districts. And in spite of all that has been done in recent years to remedy the matter this will continue to be true unless the people set themselves earnestly and determinedly to work, to root out all the wasteful ways of the old spoils system of conducting public business.

The spoils system was place-creating, yet there were never enough places to go around and in order to make more "work," time-killing, expense-making, redtape methods were resorted to. Then favoritism was shown in letting contracts for public work and public supplies, and so the burden has grown for years.

It is really a very old story, one familiar to nearly everybody who has his eyes open, and it depends entirely on the people to apply the remedy. Kansas has, in fact, already done much to do away with this expensive system, but it is an enormous task to reverse the customs of years and much remains to be done before the people will begin to notice results. It will not do at all to let this good work lag if benefits are to follow.

If I should be elected governor of Kansas I stand pledged to give the state a business administration. I think I know how to do it. I shall begin by being governor—by being absolutely free to be governor.

I shall work from the very beginning for the lowest taxes consistent with an administration that keeps pace with the progress of the times. I shall do my best to keep out the grafters, the leeches, the hangers-on, the job manipulators, the useless officials and commissions; to abolish excessive salaries; to eliminate the jokers in legislative acts; to head off extravagant appropriations and to give the state a clean, honest, efficient and progressive administration on the broad basis of the greatest good to the greatest number. As a native Kansan, whose entire life has been spent in the state, I am ambitious to do just this. It is, in fact, my chief reason for becoming a candidate.

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JAYHAWKER FARM DOIN'S

BY E. C. HATCH, GRIDLEY, KANSAS.

We like to get the experiences, views and opinions of "our folks" on any farm or livestock 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.

The county seat towns contain their usual quota of big husky loafers who stay right in the familiar places. Officers of big wages in the country have no temptation for them.

But really these fellows who hang around the soft drinks counter and who are never found very far from an electric fan would be of little use in the country. They would wilt down in an hour if put to work in a corn field or hay meadow.

The farmers along the river have had their hands more than full for the last 10 days. Wheat harvest, corn plowing and the second cutting of alfalfa came all at once. For hands to work in the corn field \$2.50 per day was offered with few takers. It is in a time like this that the corn gets neglected.

We heard a man say the other day that he had farmed in the West for a good many years and that he could not call to mind a single season in which a good potato crop was raised in which the corn was not also a good crop. We hope the same thing follows this year; we have a pretty good potato crop and are hoping for the same in corn.

At this writing corn is doing well and the great majority of the fields are cleaner than common. Grass and weeds are to be seen in few fields and the soil is pretty well filled with moisture. We can stand lots of dry weather with little harm to the corn if we do not get hot winds. On the whole, there is a show for a good crop of corn.

If a person wishes to milk in comfort these days he has to do the work early and late. The flies are still hard at work as late as 8 o'clock and they begin their operations shortly after 4 in the morning. This morning we milked at 4:40 and the flies had the cattle all on their feet and fighting viciously. It's no fun to milk these days.

Perhaps if it were not for the flies, animals would take too much comfort. At any rate, we know they take little now, for the pests keep after them for full 18 hours a day. So far few "green heads" have appeared but the little horn flies furnish trouble enough. It was so dry last year that the green head flies did not appear and so far this year we have seen few of them. If the dry weather last year had also killed the horn flies we should have counted the short crops as well paid for.

Chinch bugs are doing some damage, especially alongside of wheat fields. The oats do not seem to have many bugs in them but there were plenty in the wheat. The common method of fighting them here is by means of the furrow with a streak of oil at the bottom. One man plowed his furrow between the wheat and the corn and then took a ball of binding twine and soaked it in crude oil. He then strung this oiled twine along the bottom of the furrow and reports that hardly a bug crossed it. This is a quick way of distributing the oil and if the twine gets dry more oil can easily be put on.

Where chinch bugs are going into corn large enough to cut we recommend that two or three rows be cut and piled just in front of the bugs. They will crawl under these piles by the million and something seems to kill them. Whether they eat the souring juices or whether the moist heat under the piles generates a fungous disease that kills them we do not know, but we have had a good many favorable reports on this way of handling the bugs. It is a quick way and one that costs nothing but a little work. It will not work in small corn, of course, but in corn waist high it will do all right.

Years ago the wages paid township officers, especially the trustees, seemed large enough to fight over and candidates

were plenty. Now it is hard to get men to take these offices and in many of the townships the tickets are filled out by drafting. Men are informed that they have got to run to fill out the ticket and they take the nominations not because they want them but because some one has to have them. The office of trustee offers little inducement at \$3 per day when it is remembered that in most cases the trustee is also the assessor and has to put in most of March and April at that work.

County offices do not seem to hold out the promise they once did to farmers. The county paper has announcements enough, goodness knows, there being over two columns of them, but most of them are from town men. If a man has a good farm we think it very foolish to accept a county office, pull out for town and leave the farm to a renter and at the end of two or four years find himself all out of touch with farming. The office of county commissioner especially is one that seeks the man for the commissioner gets more kicks than any other officer. Many of them are unjust kicks, too, as most county commissioners know.

A farmer living not far from here lost almost 400 bushels of Kafir corn by heating in the bin. When the heating condition was noticed, the grain was practically ruined except a little around the edges. We have never seen Kafir so dry that it would not heat when summer came on if any quantity was put in one bin. Some years ago we had more than 400 bushels in one bin and it began to heat early in May. We happened to find it out at once and by moving the grain and selling some we managed to save it but the quality was hurt. If it even starts to heat Kafir ever after smells musty. Of late years we have stored all our Kafir for summer feeding, in the head, and find this the only safe way. If it has to be threshed it is the safest plan not to put more than 100 bushels in a bin and not to have that in a small bin either. We have seen Kafir heat when it stood not 2 feet deep in the bin.

The higher the price of English bluegrass seed seems to go, the less seed there is raised in this section. Of course, the high price is due to the small quantity raised, but one would think that the price would result in a larger acreage after while. However it does not and the reason is, that of late years it has been very hard to get a stand of this grass and the high price of the seed makes a failure costly. Some years ago a stand of English bluegrass was as easily secured as one of wheat but for three years it has been hard to get the seed to grow. Dry weather is the main trouble but a fine stand was secured in the fall of 1909 by nearly everyone only to have it killed the next February. We are going to try it again this fall if we can get the ground in shape, for it is a very profitable crop at present prices.

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MAIL AND BREEZE

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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.

Milo After Wheat Is Uncertain.

Can I plant milo after harvest with any prospect of getting a crop?—R. O. S., Alden, Kan.

If the season is very favorable for growth and the fall frost is late, it may be possible to mature Dwarf milo planted immediately after wheat harvest. Under favorable growing conditions, Dwarf milo may mature seed in 90 days. As a rule, however, the production of a crop of milo planted after wheat would be very uncertain. There may be chinch bugs to contend with as well as drouth and early frosts. A. M. TenEyck.

Sow Buckwheat This Month.

Please advise me the kind of buckwheat to sow, how much seed per acre, the best time to sow, and the best way to prepare ground.—T. F. D., Blaine, Kan.

Sow buckwheat rather late in July in your section of the state, preferably after a good rain in a well prepared seedbed. If buckwheat is planted after small grain, the land should be plowed rather shallow as soon after harvest as possible. Then harrow well and pack if possible. If buckwheat is planted on land not previously in crop this season, such land should have been plowed 7 or 8 inches deep earlier in the season and given such surface cultivation as may be required to pulverize and firm the seedbed, conserve the soil moisture and destroy weeds. The Japanese and Silverhall are standard varieties. Sow about 3 pecks per acre in a well prepared seedbed.

A. M. TenEyck.

Grasshoppers Threaten Young Alfalfa.

I have 10 acres that I have been preparing to sow to alfalfa this fall; but as the grasshoppers are so bad it is a question with me whether to sow the alfalfa or put the land to wheat. What would you advise? This is seed I saved from last year's crop. Would it be all right to hold the seed over and sow next year?—C. M. W., Attica, Kan.

I would not advise sowing alfalfa this fall, unless the grasshoppers disappear. Also the fall should be favorably moist and the seedbed in good condition. If you are summer-fallowing a field with the purpose of seeding alfalfa, I would not advise to sow fall wheat on this land but let it remain fallow through the winter, and seed alfalfa in the spring.

You may prevent the fallow land from drifting with strong winds next winter by cultivating the soil late in the fall in shallow furrows with the corn cultivator. Best use a 12-shovel two-row cultivator or a six-shovel single-row and remove the middle shovel of each gang. This will leave the soil in shallow furrows, nicely ridged, and not loosened too deeply. A surface dressing of manure during the fall or winter will also assist in preventing soil drifting and will put the soil in better shape to start the alfalfa.

Alfalfa seed will retain its vitality several years if kept in good condition.

A. M. TenEyck.

What for a Late Crop?

I am a widow. My farm help is my two boys 11 and 13 years of age. The wheat being a failure we turned it under and planted it in Kafir and my opinion is that the chinch bugs killed the Kafir. You could mark along the rows where it stood about an inch high where it turned perfectly yellow. The bugs also went into the corn field and have laid waste almost one-half of it. We cut one row out all the way through, and plowed a deep furrow with the intention of dragging the furrow from four to six times a day. The bugs have not crossed the furrow yet. I want to know what to put in that piece where the Kafir failed. I need every dollar I can possibly make. I have about 25 head of stock to feed this winter. Am sowing all patch pieces from 3 to 5 acres each, in cane for roughness. This is the first year I have had to work alone, and I want to show them what a woman can do if she tries.—Mrs. M. B., Vernon, Kan.

Are you growing much alfalfa on your farm? How would it do to summer-fallow this field and keep the weeds down by disking and harrowing and then by sowing alfalfa early this fall? You may almost surely get a stand on such well prepared ground. If you wish to undertake this I shall be pleased to give further information.

It is too late to plant anything on this land to make a crop this year, except "feed," cane being one of the surest feed

crops. Cowpeas might mature seed and would make forage.

Yes, there is one crop which you may grow yet on this land which will mature grain, that is buckwheat. You may seed as late as July 20, sow much the same as wheat, at the rate of about 3 pecks of seed per acre. Western seedsmen can supply the seed. I am mailing bulletin on late crops, also bulletins on cowpeas and grasses.

I admire your pluck, and shall be glad to assist you as far as I can by giving timely advice and information. My compliments to those boys of yours.

A. M. TenEyck.

A Capper Boy's Corn Crop

HE HAD TO REPLANT.

Members of the Capper Boys' Corn Club are invited to send in summer reports on their crops. A photograph of the crop and the boy who grew it will be welcome. Include pictures if possible. Address Secretary Capper Boys' Corn Club, Topeka.

Mr. Editor—My corn is getting along nicely under the circumstances. We have had plenty of rain up to the present. It is not showing any signs of drouth yet, but the hot winds we are having now dry out the ground pretty fast. As we have put in more crop than we can tend to, my corn has been neglected, considering it is intended to be prize corn.

My corn was planted May 14. The ground was listed and then the corn was planted with a one-row planter. Legal Tender is the variety I used. I did not get a real good stand at first, but went over the ground afterwards and replanted, so that now I have a fine stand, although the replanted corn makes it look rather uneven. I tested before I planted and the test was about 98 per cent. The average height of my stand is about 4 feet. I have only been over my corn three times since it came up. The first time was with the harrow. The second and third times with a cultivator. The corn has the healthiest of color now and I have reason for expecting a good crop.

Earl Smith.
Carneiro, Kan.

Big Wheat Crop at Hays

Wheat is being harvested on the farm of the Hays Experiment station and estimates of 10,000 bushels have been placed on the 400 acres in this crop. The yield will not average as high as that of the 1910 crop, which was 30 bushels per acre, but the quality of the grain is superior. It is plump and hard, with the typical dark red, clear, amber color characteristic of the best western Kansas hard wheat. The variety is the well known bearded Kharkof, which has proved to be one of the heaviest yielders in Kansas. Most of the crop will be sold for seed at the market price plus the cost of grading, sacking and delivering to the railroad station. This will amount to \$1.50 per bushel in 10-bushel lots f. o. b. Hays.

When Cane is Ripe For Hay

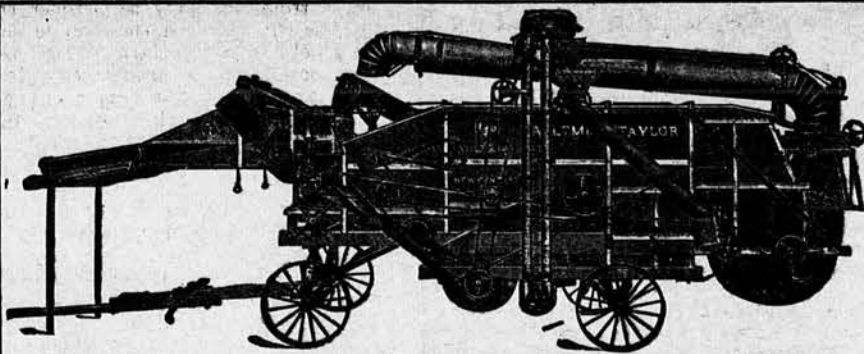
Mr. Editor—I have sown cane for hay for 25 years and have tried cutting it at various times. The best time I find is to cut when about a fourth of the heads are out and the rest are thickening. Then the middle joint is sweet and will cure, making the best of feed. The best kind of cane for hay is the Early Orange. It matures in about five months and all stock will eat it even if the seed has matured. Nothing will eat the Amber cane when the seed has matured, but when cut as described in the foregoing, stock will eat it, though not as well as the Orange.

H. A. Troeger.
R. 3, Conway Springs, Kan.

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The Farmers Mail and Breeze Until January 1, 1913, for Only 25 Cents.

This is a special subscription offer made to interest new readers in Farmers Mail and Breeze. Send 25 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 \$1.00, we will give you your own subscription for your trouble. Send at once and get the full benefit of this special low offer.



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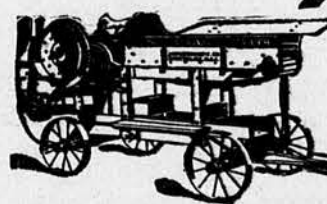
You want the worth of your money in every part of the machinery you buy. The "New Century" has the following points of efficiency which every contemplating purchaser should carefully consider:

Open conveyor back of cylinder; long grain pan extending forward under cylinder; grain pan chaffer independent of grain pan; easy access to straw rack crank boxes; all wind stacker machines equipped with wind stacker belt tightener; elevator web driven from beater shaft, pulley for the same being placed on the side of elevator next the machine; rear truck wheels placed in such a position to permit their running under the elevator; both front and rear axles the same length; front and rear truck wheels running in the same track; machine braced diagonally on both sides from top of front and rear post to bottom of sill in center of machine, insuring rigid construction; cross braces on top of machine, preventing any possibility of pulling frame out of line; Double acting straw rack which agitates the straw twice with each turn of the crank shaft.

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Many things enter into the cost of filling your silo, but the most important one is your Silo Filler. A poor machine means a high cost, and an

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means the lowest cost. The positive feed table, the large throat, big feed rolls, the four spiral tool steel knives and the powerful blower mean great capacity. The solid Oak frame means strength. The single lever control, the handy side table, the flexible top distributor mean convenience. In fact, the whole machine means satisfaction, while our guarantee

that our Silo Filler will, under equal conditions, do more and better work with less power and will last longer, means absolute safety for you. More silos will be built and more ensilage fed this year than ever before. We have already sold more Silo Fillers this year than we did in all of 1911. To insure prompt delivery you should arrange for a machine at once. Write to-day for free illustrated booklet.

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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



Dairy Farming

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.

A bottle of vaseline is handy to have around at milking time.

If a cow falls off in milk now it will be hard to bring back the flow.

Cows can't be blamed for trying the fences when pasture gets short.

Three hundred dollars in a silo beats having that much money in the bank.

Only a little buttermilk not worked out will mean rancid butter in a short time.

The man with cows coming fresh in the fall has cream to sell when the price is up.

Milk souring before the cream rises will mean a poor quality of butter, and considerable cream lost.

When dairying is made a business on a farm, instead of a chore, you can look for that farm to prosper.

The man who uses a Babcock tester on his herd the first time has some surprises in store for him.

A recommended cure for a foundered cow is to let her have all the water she wants but feed lightly until she recovers.

Darkened stables or milking late seem to be the only ways of getting around the fly problem. If you know of any other good way, what is it?

A reader advises the alum treatment for leaky teats. He whittles a small piece down to a point, inserts it in the opening and gives it a few twists.

Chickens Versus Calf Raising.

[Prize Letter.]

Mr. Editor—The poultry business may be all right for Kellerstrass and on those farms where there are plenty of good buildings and where the flock may live off the scattered grain and other feed that would otherwise be wasted, but I speak with authority when I say that hundreds of farmers' wives are perfect

A WINNING START

A Perfectly Digested Breakfast Makes Nerve Force For the Day.

Everything goes wrong if the breakfast lies in your stomach like a mud pie. What you eat does harm if you can't digest it—it turns to poison.

A bright lady teacher found this to be true, even of an ordinary light breakfast of eggs and toast. She says:

"Two years ago I contracted a very annoying form of indigestion. My stomach was in such condition that a simple breakfast of fruit, toast and egg gave me great distress.

"I was slow to believe that trouble could come from such a simple diet but finally had to give it up, and found a great change upon a cup of hot Postum and Grape-Nuts with cream, for my morning meal. For more than a year I have held to this course and have not suffered except when injudiciously varying my diet.

"I have been a teacher for several years and find that my easily digested breakfast means a saving of nervous force for the entire day. My gain of ten pounds in weight also causes me to want to testify to the value of Grape-Nuts.

"Grape-Nuts holds first rank at our table."

Name given by Postum Co., Battle Creek, Mich.

"There's a reason." Read the little book, "The Road to Wellville," in pkgs.

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

slaves from February to October trying to raise chickens. If they would sell all the chickens off the farm except two or three dozen hens to produce eggs for the table and invest the money in young calves from the best milk cows in the nearest town, they would make twice as much in 18 months and with a lot less work.

The calves can be fed in 20 minutes morning and night until they eat grass well, when they are through with them. In the fall the calves can be turned into the stalk fields and the expense of feeding will not be more than \$6 each until they are old enough to freshen the following fall. By that time they can be sold for \$50 as milk cows. The new calves are kept to replace the capital started with.

This is no paper dream. I have been doing it for several years and now have four fine heifers that will freshen this fall. I am going to sell one of my fresh 4-year-old milk cows next week for \$70, when another heifer will be fresh. This heifer will furnish milk for the two calves until they are ready for pasture and in addition we will have enough milk and butter from her for our small family.

I need not run out in every rain storm to put my calves under shelter, nor do I have to fight lice and mites. Also I do not need to watch and fuss with setting hens to raise calves. The chicken business may pay big money near a city where there is a man in the family who has time to put up proper buildings, keep the houses clean, etc., but let me have the Jersey calf business.

"Agriculturist's Wife."

Cawker City, Kan.

[We call this an interesting letter and well written. Undoubtedly a good many other readers could offer experiences and comments along the same line. Why not send along a few for this page by way of comparing profits between these two side lines for the women folks?—Ed.]

When to Cut Silage Corn

BY C. H. ECKLES,
Dairyman, Missouri Experiment Station.

A corn plant at the time the ear commences to form contains a comparatively small amount of food value and is mostly water. The greater part of the food value of the plant is formed from this time until the ear ripens. It has been found that when immature corn is used the silage is too sour.

The proper stage to cut corn for silage is when it shows the first sign of ripening. In a year of normal rainfall this is when the husks first begin to turn yellow at the end of the ear while the leaves of the plant are still green. At this time the kernels are entirely past the milk stage and are glazed and dented.

Use Water When Corn is Dry.

If the corn crop gets past this point before it is possible to put it into the silo, and the leaves or husks are dried, it is always advisable to add some water. The cut corn as found in the silo at filling time should feel moist to the touch. Corn can be put into the silo with reasonable success even up to the time when the leaves are nearly all dry, provided a sufficient amount of water is used to properly wet it up. No bad results follow the use of too much water while if too little water is used the silage may spoil by the formation of mold. The water may be added to the silage at the time of filling by running it into the blower with a hose from a barrel or if convenient, it may be added to the silage in the silo as the filling progresses.

Siloing Kafir Or Sorghum.

In putting Kafir or sorghum into the silo the seed should be past the milk stage and the stalks beginning to show the first sign of ripening. If a crop of corn, sorghum, or Kafir is frosted, it is well to go ahead with the work, using an abundance of water so as to moisten the entire mass properly.

Columbia, Mo.

Broomcorn Scraper Wanted.

Mr. Editor—I would like to have some of your readers tell how or where I can get a hand scraper for broomcorn. A chain scraper takes too many men to operate. Perhaps someone can give us an idea of how to make a cheap machine for cleaning broomcorn.

B. F. L.

Bronson, Kan.

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CREAM SEPARATORS

RIGHT NOW THE BEST TIME TO BUY ONE

There was never before as good a time to buy a DE LAVAL Cream Separator as right now.

The hot weather is at hand when dairying is most difficult without a separator and when the increase in quantity and improvement in quality of cream and butter are greatest through the use of a good separator, which with present high prices means even more now than ever before.



Then there is the great saving of time and labor, which counts for more in summer than at any other season and often alone saves the cost of the separator, aside from all its other advantages.

This is likewise the season when DE LAVAL superiority counts for most over other separators,—in closer skimming, larger capacity, easier running, easier handling, easier cleaning and absolute sanitarianess.

A DE LAVAL Cream Separator bought now will easily save its cost before the end of the year, and it may be bought for cash or on such liberal terms as to actually pay for itself.

Look up the nearest DE LAVAL agent at once, or drop us a line and we will have him look you up

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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."

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FARMERS MAIL AND BREEZE

CLUB RAISERS' DEPARTMENT

TOPEKA, KAN.



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.

Breaking Colts.

(1) Can driving stock be broken at 2 years old without injuring them?
(2) Can draft colts stand hard work at 3 years old?—M. B., Ft. Scott, Kan.

(1.) The younger animals are handled the easier it is to break them. There is no reason why if carefully handled the 2-year-old colt should not be successfully broken.

(2.) The 3-year-old colt can usually stand more work than a 4-year-old on account of the fact that at 4 years old a colt develops several molar teeth which always interfere more or less with its successfully chewing its grain.

Teeth Troubles.

I have a mare that always chokes on oats. She does fairly well when corn is mixed with oats but have no more corn to feed. She is getting a little old and has lost some of her teeth. Can I do anything to stop this trouble and what could be fed her when she chokes?—H. E. B., Tonkawa, Okla.

The trouble with your mare is that her teeth being of very little use to her, she cannot chew the oats and as a consequence she eats them too rapidly and does not mix enough saliva with them to lubricate them enough to pass clear down to the stomach. I see no way in which you can remedy this excepting to feed a little oil cake meal with the oats and at the same time would place several large cobbles in her feed box to compel her to eat more slowly.

Udder Troubles.

I have a cow that began giving bad milk from her right back teat during her first milking season and later the milk changed to a thick substance until it could no longer be forced through the teat. Since then I have allowed the calves to run with her for three or four seasons but am now milking her again. What is this trouble and can it be cured?—O. D., Athol, Kan.

These troubles are frequently found in very heavy milkers or in animals that are more or less diseased, the cause of which may be a considerable injury, catching cold, or it may be of bacterial origin. In either case if the secreting gland, which is very sensitive, is badly injured, it is a question if any course of treatment can bring it back to a normal condition again. It is therefore probable that these conditions will be permanent.

Mare With Udder Trouble.

I have a buckskin mare 7 years old and in December I found her udder was swollen in one quarter. I doctored it but the teat broke and a yellowish white pus came out after which it healed up. The teat has now shrunk up until almost smooth. I had bought the mare shortly before and supposed her teat had been weaned but the former owner says she must still have been trouble. Will the udder bother her when I breed her again?—M. C. W., Humboldt, Kan.

Your failing to milk this animal may have caused inflammation in the udder or she may have bruised it before coming in the barn. It is possible that this will affect her to a greater or less extent although if she is a valuable animal for breeding purposes, I think I would run the chance and try it again. Would give her, while she is carrying the colt, every month or so, a week's treatment of the following: Powdered hyposulphite of soda, 4 ounces, powdered sulphur 1 ounce, powdered charcoal 1/2 ounce, oil cake meal 1 pound. Mix and give 1 tablespoonful in feed once per day.

Kidney Ailment.

I would like your advice on the case of a 6-year-old mare weighing about 1,100 pounds.



USE ABSORBINE JR. FOR IT

Gout, Swollen Glands, Cysts, Varicose Veins, Varicocles anywhere. It takes out inflammation promptly. A safe, healing, soothing, antiseptic. Pleasant to use—quickly absorbed into skin. Powerfully penetrating but does not blister under bandage nor cause any irritation. Few drops only required at each application. ABSORBINE JR., 25c and 50c a bottle at drug stores or delivered. Book 2 G-Free. W.F. YOUNG, P.O.F., 209 Temple St., Springfield, Mass.

Either her kidneys or bladder are badly affected. The urine is frequently streaked with blood and passing urine seems to cause her a great deal of pain. When starting to trot or when about to stop she has a sort of straddling gait. She urinates frequently. —C. O., Little River, Kan.

There may be a stone in the bladder or kidney or there may be merely an inflammation present. There are several lines of treatment which might be indicated here but just which one would be best is impossible to say without a personal examination. If the mare is a valuable one, I would by all means, have a veterinarian examine the case. Otherwise would try giving her 1 ounce of tincture of buchu leaves once or twice per day for about 10 days, which might be followed with 2 tablespoonsful of the following solution twice per day: acetate of potash, 1 ounce; water, 6 ounces.

Death Following Breeding.

I had a mare that died about 6 hours after taking the horse. She first had a chill and breathed hard, which was 10 to 15 minutes after being bred. After getting her home she laid down and bloated, but lay quiet. She was wet with sweat until 2 hours before she died. The mare had been in good health and weighed about 1,000 pounds while the horse weighed 1,920 pounds. Is there a law to compel a stallion owner to pay for a mare killed or injured through his fault?—V. N., Parnell, Kan.

From the description given the indications are that there might have been an accident which caused the death of the mare. However if post mortem was not held by a qualified man in order to learn the exact conditions present, I question whether you can take up the matter successfully from a legal standpoint. It would be very hard to prove without such a post mortem or examination after the injury was done, as to whether it was the fault of the horse, the owner or the mare. The mare may have been in an abnormal condition and the horse not responsible. Again the difference in the weights of these two animals might make some difference. We are not familiar with the exact reading of the law upon these subjects.

Bloody Discharge—Lame Colt.

(1) I have a 10-year-old mare that had been bleeding from one nostril for about five years and now the other one has started to bleed. Is it safe to have her around and can anything be done for her?
(2) I also have a mare with a running sore on her left side just back of the girth, that has been there for a year.
(3) One of my colts has been lame since birth. It has a swelling in the shoulder. This colt had to be pulled from the mare at birth. Can anything be done for it?
(4) Where could I obtain a course in veterinary science by mail?—W. H. T., Aurora, Kan.

(1.) You do not state how extensive the bleeding is nor do you state whether or not there is any other discharge. One-half ounce of fluid extract of ergot given the animal once a day, for about 3 days might help her some if the bleeding is not too profuse. Would repeat in about 3 weeks, but if she is in foal would not use this medicine.

(2.) There is evidently some foreign material or some injured material which is causing this discharge. It might be that an operation would reveal the source of the trouble. It is a question whether or not this can be healed without such operation.

(3.) You do not state how old this colt is nor how large the swelling is. It might be that it is navel infection. If not a little stimulating liniment should help it out, but if there is pus present, this should be let out but would be very careful with the knife around the shoulder joint not to injure the joint.

(4.) I know of no reliable veterinary course given by mail. Very little can be done this way.

The American Royal Show.

The American Royal Live Stock Show will be held this year at the usual place—Stock Yards, Kansas City, Mo., October 7 to 12. The management reports unusual interest and say they are expecting records to be broken all along the line.

The American Royal being the final battle ground of all the State Fair prize winners, makes it doubly interesting. A prize won at this show indicates the cream of the entire season's show circuit. Classes are made and premiums are offered as follows: Herefords, Shorthorns, Galloways and Angus, in breeding classes, also in carlots for feeders and fat cattle; Draft Horses, Mules, Sheep, Swine, Goats and Poultry. A High Class Horse Show will be held each evening. Sales of Purebred cattle will be held as follows: Herefords, Tuesday, Oct. 8; Shorthorns, Wednesday, Oct. 9; Galloways, Thursday, Oct. 10; Angus, Friday, Oct. 11.



E. Myers,
President,
E. Myers
Lye Company.

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All the talk in the world won't kill one single hog worm—won't cure one single sick hog—but if I, by personally presenting these facts to you, can but persuade you, Mr. Hog Raiser, to give MERRY WAR POWDERED LYE a fair, common sense feeding trial, I will have done you the greatest favor any one man can do another by putting you in touch with the best hog conditioner, cholera and worm cure the world has ever known. This sounds like "big talk", but I know whereof I speak because I have spent years in untold experiment and test after test has resulted in unanimous, enthusiastic praise from thousands of Farmers and Hog Raisers all over the United States who have fed MERRY WAR POWDERED LYE regularly every day with their hog rations—and with wonderful results—proving beyond all shadow of doubt that MERRY WAR POWDERED LYE WILL DO THE WORK—AND THAT NOTHING ELSE WILL.

The Cost is But a Trifle

Merry War Powdered Lye is NOT ONLY the BEST protection against hog losses ever discovered—preventing Hog Cholera; killing worms; rendering hogs immune from infectious diseases; keeping them on their feet, with hearty appetites; toning them up; making them fat and sleek; insuring prime condition in the shortest possible time for top notch prices—BUT it is the LEAST EXPENSIVE AS WELL.

For Hog Cholera

The following letter is but a sample of hundreds that come every week, telling how happy hog raisers are with Merry War Powdered Lye.

H. G. Acker, Chickasha, Okla. "I have been feeding Merry War Powdered Lye some two months, and it expelled worms after the first few feedings."

I can show you all the proof you want—as many letters like this as desired.

Feed Merry War Powdered Lye Daily—and begin today—the sooner you begin, the sooner I will prove to your complete satisfaction that Merry War Powdered Lye makes good every claim—and 10c will make the test.

Kettle Powdered Lye For Soap Making—If you want the best lye, exclusively for Soap-Making, scouring, cleaning, disinfecting, etc., use my famous Kettle Powdered Lye—it makes the best soap you ever used—but DON'T feed it to your hogs. Feed Only Merry War Powdered Lye To Your Hogs.

At All Leading Dealers Most dealers handle Merry War Powdered Lye. If yours will see that you are supplied and will also send you, free, a valuable booklet, on "How to Get the Biggest Profits From Hog Raising."

E. MYERS LYE COMPANY.

Dept. 10 ST. LOUIS, MO.



This 3½-Tons-Per-Hour Hay Press Carries Its Own Power Plant

\$10 TO \$15 A DAY NET PROFITS

Not content with merely building the fastest-baling Hay Presses on earth, we have added gas-power equipment by putting a high-class Gas Engine right on the same truck with the Press. This gives cheap power in abundant quantities. You can bale up to 2½ to 3½ tons per hour at lowest cost of operation and no time lost getting ready for business. Compact and easily moved. Don't have to set up or line up with engine. Solid steel machinery. Some owners of Sandwich Motor Presses made \$10 to \$15 a day last season, nearly double the usual profit. The big feed-opening of the Press takes double-size charge of hay. It's a self-feeder—direct from fork. Friction clutch sprocket on press. Can start or stop press instantly. Simple block dropper—lever brake. Simple, smooth and easy running, yet it bales 35 per cent more than any other press of same rated size. Nothing like it for windrow work.

Engine is hopper cooled type—requires little water. Heavy steel roller, chain drive. Chain delivers full power of engine. No belts to lose power or cause trouble. Comes completely and fully equipped. Engine can be removed for other work. No amount of money can buy a better gas engine. Can furnish outfits with 4, 5, 7 and 9 horsepower engines.

Sandwich Motor Press

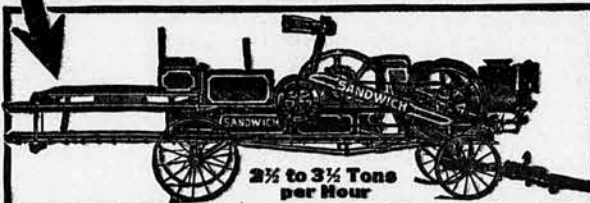
Horse Power Presses

Our Steel Belt Power Press, our Two-Horse Pull Circle, Self-Feed Presses and our "New Way" Horizontal Press are pace-makers in horse power presses. Wood frame or steel frame

—as big or little as you wish. Our catalog pictures and describes each style. And each press is reasonably priced.

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Send your name and address on postal today and our latest Book, "Tons Tell," will be put in your hands by next mail. This Book not only describes our many Hay Presses, but shows the huge profits in hay baling. RALEY hay is now bringing skyscraper prices. Most every body wants theirs baled. No trouble to get plenty of business and the profits are large and well, get the book—it's free.



2½ to 3½ Tons per Hour

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Yes, it pays to raise hogs even with lice and mange. But it pays a whole lot better to raise them without these parasites, the enemy of the hog race. Put 'em out of business and keep them out by use of the Schultz Hog Oiler. No work. No worry. Keep crude oil in reservoir, the hogs do the rest. Results and satisfaction guaranteed or money refunded. Price \$16. Two for \$31. Send for hog oiler book.

Power Creek Farm & Mfg. Co.
Treyner, Iowa

Hurrying the Moulting Along

WAYS AND MEANS.

Mr. Editor—About the first of August I quit feeding my hens, letting them have only what they can pick up about the place. In about two weeks I begin feeding again. For my 200 hens I mix up a pint of linseed meal, a gallon of oats, a gallon of wheat, and a gallon of Kafir. The meal is moistened so it will stick to the grain and a handful of salt is mixed in. I feed this at night. I give them beef scraps or some other form of meat three times a week. In the morning I feed oats. They have grit at all times and plenty of water. I keep no hens more than 2 years old and my flock moults early and all at one time.

Newton, Kan. Mrs. William Park.

Cull Out Late Moulters.

[Prize Letter.]

Mr. Editor—My practice is to choose the birds that moult in July and keep them for breeding stock. By following this method for a few years I have found the problem much simplified. After feeding the birds lightly for about four weeks begin feeding rather heavily the last of July on Kafir, milo and millet seed. Give them plenty of fresh water, at all times, and a comfortable place to roost. Their feathers will soon be flying and the strain of moulting will not last long. Then Biddy will be ready early in the fall for her year's work of egg laying. My hens get through with their annual moult in July and begin laying in September, continuing almost uninterruptedly until the next moulting period. I have followed this plan for years and seldom have any late moulting hens. By culling them out when they do appear the number is growing less each year.

Lily B. Crampton.
R. 1, Arkansas City, Kan.

Change of Feed Helpful.

[Prize Letter.]

Mr. Editor—A great many people neglect their older birds in hot weather and just take care of the young flock, the consequence being that the old hens suffer and are in no condition to lay in the fall. Right now is the time to begin the fall work with your flock. Feed them new oats, new wheat, or early corn as soon as it can be shelled so as to give them a change of feed. The hens are tired of the old grain and a change of feed will mean a better appetite.

Flocks that have free range need little or no meat food as they get that in the worms and bugs picked up. A change of feed is what will make them feather out quickly. They should also have green feed for fall and winter and it will pay to plow up all the ground around the poultry house and yards and sow to rye and wheat.

Keep your chickens free from lice at all times. I clean out the house and coops and use boiling water on everything—perches, walls, nests, etc. After all is dry whitewash everything thoroughly, then dust your birds with some good insect powder.

Altoona, Kan. Frank Venum.

More Horse Bulletins Soon

Mr. Editor—Since the notice appeared in Farmers Mail and Breeze that Horse Bulletin No. 179 was ready for distribution, we have simply been swamped with requests for it and our supply is exhausted. A reprint is being made and will be ready for distribution in the near future. I would appreciate it very much if you would print a notice to this effect in the Mail and Breeze. It seems that Farmers Mail and Breeze is read in every nook and corner of Kansas and Oklahoma.

C. W. McCampbell,
Secretary State Livestock Registry Board, Manhattan, Kan.

Liked It From the Start.

Mr. Editor—I have been a subscriber to Farmers Mail and Breeze only a short time, but I find each number full of interesting and helpful reading.

John W. Ledbetter.
Canon City, Colo., June 24, 1912.

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.

Reliable Poultry Breeders**PLYMOUTH ROCKS.**

FOR SALE—Our Barred Rock breeders. A. H. Duff, Larned, Kan.

BUFF ROCKS—Write me today for list. William A. Hess, Humboldt, Kan.

PRIZE WINNING BARRED ROCKS—Eggs, babies, breeders. Mrs. Gillespie, Clay Center, Kan.

WYANDOTTES.

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.

LEGHORNS.

GUARANTEED thoroughbred pure white S. C. Leghorn hens \$10.00 per doz. Cock birds at reasonable prices. J. A. Blunn, Sta. A, Wichita.

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BIG BONED deep R. C. Reds. Red to skin. Red eyes. Long black low tail. Scored 90 to 94. Eggs 25 cents; after May 20th 10 cents. Good hatch high scoring stock guaranteed. Highland, Hedrick, Iowa.

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43 VARIETIES, poultry, pigeons; cut prices on stock and eggs. Catalogue 3 cents. Missouri Squab Co., St. Louis.

FOR SALE CHEAP—Thoroughbreds, Turkeys, geese, ducks, poultry, guineas, bantams, dogs, rabbits, fancy pigeons. Say what you wish and write for free circular. D. L. Bruen, Platte Center, Neb.

SACRIFICE SALE, pullets and cockerels—Quitting business, will sell pure blood bred to lay pullets and cockerels at bargain prices. Kellerstrass Crystal White Orpingtons, Buff Rocks and Rhode Island Reds. Mrs. W. T. Smiley, 515 South street, Iola, Kan.

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The Independent Harvester Co.
Box 22, Plano, Ill.

QUICK! Buy That Saginaw Silo

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Harder Patent
No. 627732.



The rush is on! Orders for Saginaw Silos are pouring in everywhere. Our four big factories are working to the limit to fill the demand. In spite of the fact that foresight and tremendous buying power secured us millions of feet of choice silo lumber, we will not be able to supply the demand. However, we will take no orders we cannot fill. QUICK! Get that order in before you receive word that no additional orders can be taken.

Whirlwind Silo Fillers

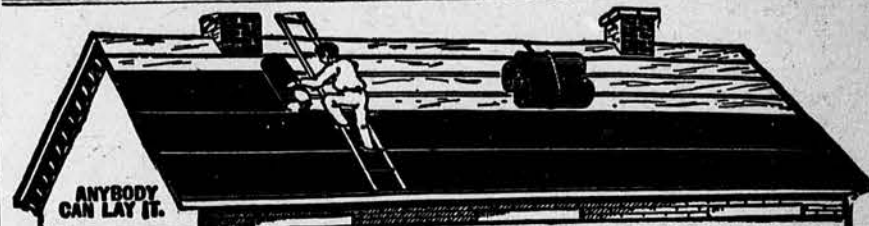
The Whirlwind Silo Filler was our choice. It proved to be the most perfect in construction and the most efficient in operation. Of course we would choose the best Silo Filler to be sold with the Saginaw Silo. The Whirlwind cutter head is a heavy one-piece casting whose weight serves to maintain a uniform cutting speed, regardless of uneven feeding. The large number of new features, never seen on a silo filler before, make the Whirlwind the most complete and the latest in silo filler machinery. Only five gears and four sprockets—a marvel of simplicity.

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ONE-PLY . . . Weighs 35 lbs., 108 Square Feet, \$1.10 per roll.
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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 COMPANY, Dept. 518 East St. Louis, Ill.**



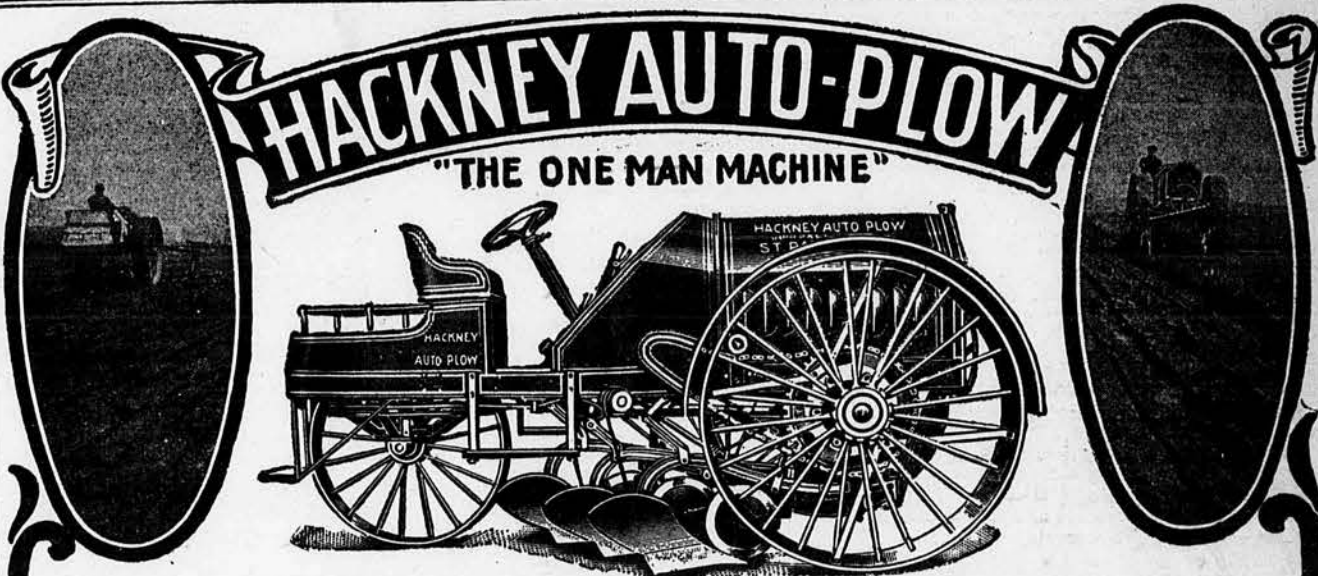
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Highest grade Estey, Mason & Hamlin, Story & Clark, Chicago Cottage, etc.—slightly used—guaranteed like new—descriptions and prices for the asking.
Jenkins Music Co., Kansas City, Mo.

ASK FOR HAY PRESS
Catalogue of The Auto-Fedan Self-Feed, Auto-Fedan Belt Power Press, Two Stroke Horse Press and One Horse Press. The Auto-Fedan Hay Press Co., 1514 W. 12th St., K. C., Mo.

**Great Labor-Saving Machine For The Farmer**

THE bane of almost every farmer's life is being obliged to depend on "hired help." The loss of "man" or "two," at certain seasons of the year, is a very serious matter and often involves loss of crop. The HACKNEY AUTO-PLOW, the only "one man machine" on the market that can be used successfully for plowing, seeding, haying, harvesting, as a stationary engine for power purposes, and as a tractor for hauling loads, etc., makes the farmer **INDEPENDENT** and solves the vexatious labor problem. It eliminates drudgery and helps to keep the "boys" on the farm.

HACKNEY MANUFACTURING COMPANY, 575 Prior Avenue, ST. PAUL, MINNESOTA

The Hackney Auto-Plow will do the work of 10 horses and 2 men plowing and plows from 10 to 12 acres per day. It is a tireless worker, day or night, and there is no cost for "keep" except when in operation. So simple in construction and easy to operate that it is really a pleasure to run it. The cost is less than the medium priced automobile.

The Hackney Auto-Plow is the only machine that **WORKED EVERY DAY** at the field trials at the Minnesota State Fair. Catalog, photographs and testimonial letters, from satisfied users, free on request.

CROPS and FARM WORK

(Crop Reporting Service of Farmers Mail and Breeze.)

What was most needed in Farmers Mail and Breeze territory when the accompanying reports were made out last Saturday, was a good soaking rain. It happened that this want was filled to some extent before the day was over in at least a part of the corn belt. More rain would be welcome and in those sections that were missed last week there will be some damage to corn and feed crops unless moisture comes soon.

Corn is at the critical stage and the amount of moisture it gets the next two or three weeks will largely decide its fate. But the dry weather is not the crop's only peril. Chinch bugs and grasshoppers seem to be thicker than for many years and many fields adjoining wheat or oat stubble show a clean swath of 20 or 30 rows back—the work of bugs. Kafir, milo, and cane are not showing the need of moisture so badly but the same insect pests are busy there, too.

Threshing returns are interesting. Some fields in the northeastern part of the state that seemed hardly worth saving last spring are turning out 25 to 30 bushels per acre and there is considerable speculation as to what some of the plowed under fields would have made if left standing. The following are some of the best Kansas threshing yields reported last week:

Name	Address	Bushels per Acre
Henry Johansen, Hiawatha.....		50
George Norton, Hiawatha.....		50
Press Kidd, Cottonwood Falls.....		50
John Burns, Cottonwood Falls.....		40
Charles Rongier, Cottonwood Falls.....		35
H. M. Prather, Cottonwood Falls.....		25
Carl Jensen, Belleville.....		42
John Griffin, Belleville.....		33
B. F. Carson, Belleville.....		28
Norris Brothers, Belleville.....		25

Wheat prices are a disappointment for they have been steadily dropping ever since the first of the new crop reached the market. At present the market ranges around 75 cents and from Custer county, Oklahoma, prices as low as 65 cents are reported. Naturally there is considerable dissatisfaction as it is believed the situation does not warrant such reductions. In Ford county, Kansas, calls have been sent to every farmer's union to meet and consider cutting down the acreage this fall if prices do not hold up to 85 cents or more.

KANSAS.

Doniphan County—Corn looks well but ground is getting dry. Have had very little rain since May. Wheat making from 15 to 30 bushels and is of fair quality.—C. Culp, Jr.

Wyandotte County—Rains coming regularly and corn is doing its best. Wheat turning out fine. Potatoes best in years. Pastures good. Big crop of plums and grapes.—G. F. Espenlaub, July 20.

Ellsworth County—Weather hot and dry. Harvest about over and some are threshing. Ground is too dry to plow. Corn looks well but needs rain. Corn badly fired.—C. R. Blaylock, July 17.

Crawford County—Fine week for growing crops but need moisture now. Corn cultivating about finished and crop is in fair shape. Bugs are plentiful and doing some damage.—H. F. Painter, July 20.

Barber County—Still hot and dry and hoppers and drouth are hurting corn. Wheat is good and runs from 10 to 32 bushels.

oats about same. Alfalfa and grass waiting for rain.—G. H. Reynolds, July 20.

Lincoln County—Tame hay all up and the crop averaged close to a ton per acre. Corn needs rain badly and pastures are drying up. Kafir looks fine. Bugs doing lots of damage in some places.—C. T. Baker, July 20.

Dodge City Forestry Station—Continued fair weather which is fine for harvest. Growing crops are in good shape but rain would help. Second crop of alfalfa in stack and was better than first.—G. D. Noel, July 17.

Clay County—Corn growing slowly as ground is dry but is not hurt yet. Fields range from a foot to 8 feet in height. Oats are turning out about 30 bushels of good heavy grain. Quality of wheat is not the best.—H. H. Wright, July 20.

Grant County—Harvest will be over in a few days. Wheat is good. Growing crops need rain, no general rain since July 4. Corn, milo, Kafir, and broomcorn are doing well but are late. Hay \$10, butter fat 23 cents, eggs 12.—J. L. Hipple, July 20.

Ford County—Fine rain July 16 in east part of county. About two thirds harvested. Crop spotted and some fields are weedy. Oats and barley are good. Corn tasseling and looks fine but hoppers doing some damage. No threshing done yet.—John Zurbuchen, July 20.

Anderson County—Wheat yields are running from 5 to 35 bushels and quality is fair. Oats will make heavy yields. Corn has a good color but needs rain badly. No rain since first of month. Farmers have hard time getting help.—G. W. Kiblinger, July 19.

Greeley County—All growing crops doing fine since the rain a few days ago. All growing crops are late but with enough moisture from now on all will make good. Farmers are busy putting up thistle hay. Not much wheat to be sown here this fall.—E. L. Partington, July 19.

Geary County—Harvest over and threshing is well under way. Wheat making 25 to 30 bushels and oats as high as 40 to 50 bushels. Most of corn laid by and is in good condition except where chinch bugs bothered. Extra heavy crops of fruit and potatoes.—F. D. Olds, July 18.

McPherson County—Harvest finished and stacking and threshing are in progress. Some parts of county get no wheat and not many oats while others report good crops. The county needs rain and early corn is suffering. Pastures and meadows getting dry.—John Ostlund, Jr., July 19.

Renov County—Have rain whenever we seem to want it and corn growing about 8 inches every 24 hours. Weeds and grass do even better. Corn very grassy and shows poor stand. Wheat is in the stack. Less grain hauled to town now than for 15 years at same time of year.—D. Englehart, July 19.

Sumner County—Growing corn looks fine except fields adjacent to wheat stubble where bugs are doing damage. A number of Kafir fields have been entirely destroyed by bugs. Nearly every farmer has a field of cowpeas and they are looking good. Average crop of oats about all in shock.—H. C. Moore, July 9.

Gray County—Wheat harvest on in full blast but help is scarce. The crop is good and should test 60 pounds or better. Oats are good but acreage small. Corn, Kafir and other feed crops are in excellent shape. Potatoes are fine. Grass doing well and stock is in fine shape.—A. E. Alexander, July 16.

Finney County—Wheat and barley turning out well. Wind has been pretty strong but harvest weather has been cooler. We can remember. Second crop of hay in stack. Milo, cane, Kafir, etc., seed rain but still growing. Farmers on prairie farms are harvesting Russian thistle.—F. S. Coen, July 20.

Bourbon County—Some parts of county have had rain, others none. Corn still looking good but pastures are drying where rain has been scarce. Tame hay put up and wild hay being harvested now. Pastures not stocked very heavily as cattle are scarce, and shortage in hogs still greater.—G. A. VanDyke, July 18.

Logan County—General rain over county July 14. Corn and all feed crops doing fine. Not enough wheat raised to re-seed the county but have plenty close to us in Thomas county. Oats, speltz, and barley will make fair crops. Pastures are good. Local price of butter fat 22 cents, but individual shippers realize 24.—A. O. Brookings, July 20.

Rooks County—New ground wheat is yielding from 25 to 40 bushels per acre, old ground 5 to 20 bushels. Estimated average yield will be about 10 bushels. The grain is of good quality and some new ground wheat has tested 65 pounds. Very little bound. Corn and feed needs rain.—C. O. Thomas, July 19.

Coffey County—Early corn is in the tassel and needs rain badly. No rain for three weeks. Late corn looks fine and will have a good corn crop with rains through August. Wheat is making from 25 to 60 bushels per acre. Oats will make about 40 bushels. Medium flax crop. Third alfalfa crop nearly ready. Kafir and cane look well. Wheat 83 cents, corn 75, hogs \$6.75, cattle \$5.50.—Arthur Teeple, July 20.

OKLAHOMA.

Blaine County—Shock threshing and stacking in progress. Corn looks well. Milo and late feed in fine shape. Millet is being cut. Pastures green and stock looks good.—H. Willert, July 20.

Pawnee County—Early corn is firing at top and bottom. Only one small shower in five weeks except in northwest part of county. Cotton beginning to bloom.—V. Funkhouser, July 22.

Payne County—No rain for two weeks in (Continued on Page 23.)

Get Our Low Factory Price on this Speedy American DUMP and PORTABLE Elevator

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"American" Dump and Portable Elevators are built of wood or steel and in any size or style to fit any crib or granary. We also build stationary outfits for inside work. Outfits include flexible spout to carry grain to any part of crib or granary without the use of conveyors.

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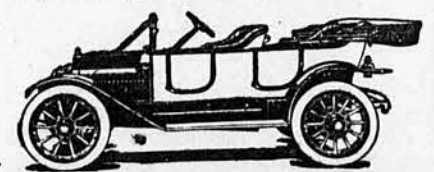
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FOSTER'S FORECASTS

(Copyright 1912 by W. T. Foster.)

To Farmers Mail and Breeze:

Washington, D. C., July 27.—Last bulletin gave forecasts of disturbances to cross continent July 27 to 31 and August 1 to 5, warm waves July 26 to 30 and 31 to August 4, cool waves July 29 to August 2 and August 3 to 5. These disturbances, covering July 27 to August 6, will cause a rise in temperatures, a decrease in rainfall, drouth in many places and hot winds in a few places. That spell of crop weather will inaugurate the most destructive drouth of recent years and while it will not be general it will be severe enough to very considerably affect prices of cotton, grain and rough feed.

Next disturbance will reach Pacific coast about August 7, cross Pacific slope by close of 8, great central valleys 9 to 11, eastern sections 12. Warm wave will cross Pacific slope about August 7, great central valleys 9, eastern sections 11. Cool wave will cross Pacific slope about August 10, great central valleys 12, eastern sections 13.

This will bring the master hot wave of the year, particularly to the drouth sections. Hot winds will damage corn in some sections and drouth will cover large parts of the corn and cotton belts. We cannot stop the drouth but we can prepare for it. I am writing this bulletin June 10 because I will be away from Washington for a month. By first of October we will be ready to publish a general forecast of 1913 crop weather.

Where the Baler Makes Good

Baling hay, straw and shredded fodder is coming to be a general practice. The man who owns an individual press has an advantage. He can bale his hay and straw at any time when it is convenient for him, and in this form it is more compact and convenient for storage.

The baled product doesn't take up so much room and it will keep bright and clean and feed out with less waste. On the market 1 ton of baled hay will usually sell for \$3 to \$6 more per ton than loose hay. On the whole it would pay many a man to use a baler who doesn't use one now and who doesn't realize he needs one. Such hay will keep for years and can be held for better prices if put up in a season of plenty.

Kansas' New School Books

Can you tell me what textbooks were chosen for the schools this year?—Mrs. M. F., Elmdale, Kan.

Most of the textbooks in the high schools still have two years to run before new textbooks are required. The old high school textbooks in physics, physical geography, and algebra were re-adopted. The only change made was the adoption of Williams and Rogers Bookkeeping, published by the American Book company.

In the grade schools the following list was adopted for the next five years beginning September 1, 1912:

Spelling—Rathbun's Graded Speller.
Readers—The Wooster First, Second and Third Readers, Wooster & Co., Chicago.
Studies in Reading, Fourth and Fifth Readers, Searson-Martin, University Publishing company, Lincoln, Neb.
Arithmetic—Smith Topical Primary Arithmetic; Smith's Topical Advanced Arithmetic; Wentworth's Mental Arithmetic, Ginn & Co., Chicago.
Geography—King's Primary Geography, Charles Scribner's Sons; Tarr & McMurray's World Geography, Part II, Macmillan.
English Grammar—Scott-Southworth's Lessons in English, Books I and II, Benj. H. Sanborn & Co., Chicago.
Physiology and Hygiene—Krohn-Crumbine Graded Lessons in Physiology and Hygiene, D. Appleton & Company.
History of the United States—Foster's History of the United States, Historical Publishing Co., Topeka, Kan.
Civil Government—Arnold's Civics and Citizenship, Anna B. Arnold, Cottonwood Falls, Kan.
Algebra—Marsh's Elementary Algebra, Charles Scribner's Sons.
Physical Geography—Gilbert and Brigham's Introduction to Physical Geography, D. Appleton & Company.
Natural Philosophy—None adopted.
Bookkeeping—Modern Illustrative Bookkeeping, American Book company.
Writing—New Outlook Writing System, O. P. Barnes, Chicago.

Trial trip until January 1, 1913, for 25 cents, Mail and Breeze, Topeka, Kan.



The Only Drill That Sows Grain in Any Kind of Soil—at a Proper, Even Depth

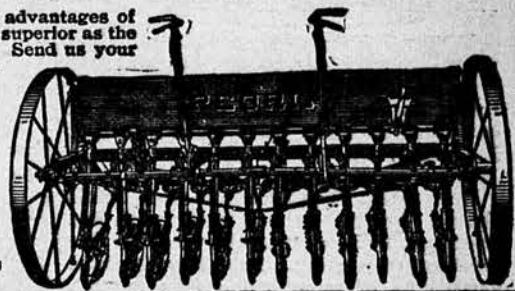
Think what it would mean to you to have every seed count and to have every stalk come up evenly and at the same time. You can easily accomplish this—with The New Peoria Drill equipped with our famous Disc Shoe Furrow Opener. It combines every advantage of the single disc for cutting trash and penetrating hard ground, with every advantage of the shoe for forming a furrow and depositing the seed. The Disc Shoe Furrow Opener is the only one that sows every seed at an exact, even depth, in a packed furrow. No seed touches the disc and no dirt falls back into the furrow until after the seed is deposited. No practical, progressive farmer can fail to see the many money-making and money-saving advantages of this wonderful Disc Shoe Furrow Opener—found only on

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There are also many other advantages of this drill, each one just as superior as the Disc Shoe Furrow Opener. Send us your name and address on a postal now for catalogue and all details of construction. Let us prove to you that it will pay you to discard even a new drill in order to buy and use the New Peoria. Will you spend a penny for a postal now to get all the facts? Address,

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The story of "Kansas in the Sixties" as told by Samuel J. Crawford, famous as the "War Governor of Kansas," is by far the most interesting historical work ever produced in Kansas. The book is having a large sale all over the country and it deserves a prominent place in the library of every Kansan. It contains something of vital interest to every citizen of the state. Governor Crawford writes in a style peculiarly his own and there is not an uninteresting paragraph in the whole 400 pages of this great Kansas book.

"Kansas in the Sixties" is substantially and handsomely bound in cloth, indexed, and sells for \$2.00 in all the book stores.

We have secured a quantity of these books for distribution among Mail and Breeze readers on this very liberal offer:

Farmers Mail and Breeze one whole year and "Kansas in the Sixties," sent prepaid for only \$2.00—regular price, \$3.00. Send in your subscription or renewal while this offer is still available. Address Mail and Breeze, Topeka, Kan.

Filth and vermin are the great profit killers and yet good remedies are in reach of everyone.

1859—Age Fifty-Three Years—1912

THE EQUITABLE LIFE ASSURANCE SOCIETY OF THE U. S., organized in 1859, will celebrate its fifty-third anniversary on July 26th. Fifty-three years of wonderful progress unequaled in the annals of life insurance.

Because of an always able conservative management, this child (or creation) of the commonwealth retains the vigor of youth as is evidenced by continued growth and a healthy widening of its field of usefulness.

More than five hundred thousand members (policyholders) of the Great Equitable Family fully appreciate that each year added to the age of their institution means ADDITIONAL VALUE to their individual interests, and at the same time under Equitable Standard contracts, an ever decreasing cost of their protection; if they so desire.

The statement, "All old line insurance is good," is frequently made. We have no desire to quarrel with this statement or those who make it, but remember, all corporations are managed by men, and in every way similar to the individual.

The mortality table shows that out of 100,000 individuals who are living at age 10 that at age 53 only 66,797 will survive.

Statistics show that only a small percentage of men engaged in various lines of business succeed. The same rule holds with corporations of all kind, including life insurance companies. In 1870 there were forty "old line" insurance companies in New York. In 1880 there were seven.

In the last twenty years over TWO THOUSAND assessment and fraternal societies have failed, ceased doing business as originally organized, or amalgamated with other organizations.

However, the progress of the Equitable Life Assurance Society has been one continued TRIUMPH. The Society celebrates its fifty-third birthday with more than five hundred thousand policyholders, having assets of more than five hundred millions of dollars, and a surplus of more than eighty millions of dollars.

The Great Equitable Life has invested in Kansas and in Kansas securities over \$6,700,000!!! Think of it, the investments of the Equitable in Kansas alone amount to more than the total combined assets of all the life insurance companies in Kansas, Missouri and Oklahoma.

All old line insurance is good, but why not apply for an Equitable Standard policy, which is the very best old line insurance obtainable? Thousands of men and women in Kansas are going to apply for Old Line life insurance this fall. All that we ask is an opportunity to tell you about the Society and The Equitable Standard policies.

Please fill out and mail the attached coupon.

Agents wanted in every county in Kansas.

The Equitable Life Assurance Society of the U. S.

CHARLES A. MOORE, General Agent, 316-18 New England Bldg., Topeka, Kansas

Charles A. Moore, General Agent, Topeka, Kansas.

Please send me full particulars regarding a life insurance policy for \$.....in your Society

at age.....

Name.....

Full Address.....

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.

Farm women have been growing money all summer out in the poultry yard. Now it will soon be time to turn it into the coin of the realm.

Prepared breakfast food is all right upon rare occasions, to serve as a change from something else. But for everyday living nothing is better than a dish of oat meal that has been cooked until it is creamy.

How many farm homes have a tennis court? Tennis is an ideal sport and young people in town pay big fees for the privilege of playing. But after the first small cost of rackets and nets is met, the young people on the farm can play for nothing at all.

The dressmakers' union announces that skirts are to be narrower this winter than ever. But as long as they let us wear the two-yard skirt we shall feel we are dressed sensibly and comfortably.

The woman who refuses to rest whenever she has a chance, particularly through the summer months, because she thinks it lazy, is making a big mistake. The woman who accomplishes the most is the one who keeps her nerves steady, and that means rest and sleep.

The following paragraph by Theodore Roosevelt has been widely quoted: "Work hard, play hard, rest hard. Up and at it, whatever it is." This may be too strenuous a program for the average woman, but it is certain that the one who does not include the rest and play in her day's program cannot succeed at the work.

Useful Bread Mixer.

I have used a bread mixer for several years and would not be without it for five times the cost if I couldn't get another one. I can make so much nicer bread and save so much time and work. I never put my hands into the dough until I make it out in loaves. I would as soon think of doing without a washing machine as doing without a bread maker if I made bread for a large family. The directions are so simple anyone can make good bread.

Mrs. Frank Carothers.

R. 3, Clarence, Mo.

Baby's Embroidered Cap.

This French and eyelet design for an infant's cap is to be transferred to linen, lawn, or batiste, and embroidered with cotton floss. The flowers are padded and worked solid, and the leaves are made as eyelets. The stems are in satin outline. The edge is padded, buttonholed, then cut out. The ends of the strings contain sprays of the same embroidery.

The transfer pattern for this cap (No. 8215) may be obtained from the Mail and Breeze Pattern Department, Topeka, Kan., price 10 cents.


Cooking In a Cool Kitchen.

To make my fireless cooker I took an old trunk and lined it with two or three thicknesses of newspapers, then packed it closely with prairie hay. I made, also, a pillow to fit inside the lid and filled this with hay. In the trunk, as near the center as might be without touching, I placed two large stone jars with tight lids. Now when I have any article of food I wish to cook in this improvised cooker I first cook it for a few minutes on the stove, then set the kettle with the boiling food in one of the stone jars and cover tightly and quickly. Then I cover all with a blanket and the hay

pillow, close the trunk and fasten the catches to keep the heat from escaping. Oatmeal is creamy and delicious cooked several hours. Mrs. Edith B. Raley. R. 1, Hennessey, Okla.

Keeps the Clothes Line Tight.

[Prize Letter.]

Here is my plan for doing away with the old clothes prop and keeping the line taut. Run the line over a pulley  or a large spool will do—fastened on a spike nail between two blocks. Then fasten a crank about 3 feet from the ground to run the line on. The crank, with the line running to it over the pulley, will draw the line as tight as you please. Above the crank drive a staple, and fasten a wire loop to it, to catch the crank handle when line is tight and keep it from slipping back. Addie M. Coffman. R. 4, Gray, Okla.

Where Novels Are a Help.

"Reader," who wrote recently from Lawrence, Kan., should know that editors are human, and that they appreciate courtesy and fair treatment just as much as other people. If she would climb down from her hobby horse and read a good novel it would help her to take a more charitable view of the world. Try it, and see how pleasant it is to forget one's cares for a while. Our editor has given a splendid list of good books, and I truly hope some of them will one day find a place in "Reader's" household.

Any woman is welcome to vote so far as I am concerned, if she thinks she can do so intelligently, but I prefer a good old fashioned wife and mother who does not bother her head about politics, but whose husband and children know where to find her; who in her quiet, unassuming manner does her best and tries to fulfill her task in a womanly way.

A Woman.

I live on a homestead in the semi-arid part of Oklahoma, and my neighbors are all poor like myself. There is little to entertain us, and when I came here it seemed very dreary. But I am trying to keep in touch with the world. Good reading is scarce; and I wish "Reader" could know the good such books as "Mother Carey's Chickens" and "Mrs. Wiggs of the Cabbage Patch" have done among women isolated 20 miles and more from a railroad. The coming winter we expect to organize a reading circle. We cannot pursue a course of reading such as the clubs follow in town, but we can each get one good magazine per month, read it and pass around, and then meet and discuss what we have read. I venture to predict that when spring comes we will have rendered no evil, but will have greatly enriched our own lives. Grimes, Okla. Mrs. E. A. Arnett.

What Happened to Her Hair.

I had been bothered much by the wind whipping my hair in my face and breaking it off, and I had to watch the victuals closely to see that none fell in. So I bought a 10-cent hair net and covered all my hair up with it. It is cool, and large enough so the hair isn't drawn tight. One will be surprised to find how comforting it is to cook and not have hair always blowing over the face. Mrs. Ruth Zwiebel. R. 4, Sedgwick, Kan.

Making Good Grape Jelly.

[Prize Recipe.]

Wash grapes and remove the skins. Put in a preserving kettle with a very little water and heat to the boiling point over a slow fire, then mash and boil 30 minutes. Strain through a coarse strainer and let juice drip through a double thickness of cheesecloth. Meas-

ure, heat again to the boiling point and let cook 5 minutes, then add an equal measure of heated sugar and boil 3 minutes. Skim, and test by putting a teaspoonful in a saucer, setting it in a cold place for a minute and then scraping it with a spoon. If the surface has partly jellied turn the jelly at once into heated glasses—heat the glasses by rolling them in hot water. In case the liquid does not begin to jelly under test, boil longer. When cold seal the glasses with melted paraffine or parowax. Made in this way grape jelly will not become gritty or glassy, a defect which so many complain of. Mrs. L. O. Dunsworth. R. 1, Hutchinson, Kan.

Things Other Women are Doing.

A cheap furniture polish is made of equal parts of turpentine, linseed oil and cider vinegar.—Mrs. T. J. H., Johnson county, Kansas.

Put sour, instead of sweet cream in the mashed potatoes. It will make them light, fluffy, and snowy white.—Mrs. Mamie Long, Burrton, Kan.

Two teaspoonsful of finely powdered charcoal drunk in a half glass of water will often give relief from sick headache, in 15 minutes.—Mrs. T. J. Hutton, Gardner, Kan.

When cutting dice of butter for individual use, use a wet thread, which will cut them easily and without leaving ragged edges.—Mrs. Clyde M. Robinson, Sapulpa, Okla.

To keep the frying pans and skillets from getting dark inside and out clean them well each time you do up your kitchen work. Wood ashes is all that is necessary for scouring.—Mrs. Ernest Sligor, R. 2, Perkins, Okla.

Training Your Neighbor's Children.

Teach your children to be courteous and kind to their little playmates, but do not make them yield every right to them. I have heard parents say, "Now, Mary, you let her have that. She is company." Then the company immediately wanted the next thing Mary picked up and the mother would say, "Now, let her have that. You play with it every day," and so on till the visit was entirely spoiled for both children. That mother was trying to teach her own child to be generous, but at the same time was teaching her little playmate to be very selfish and overbearing. When my children have company I try to treat them as if they were all my own children, and do not allow them to do things of which I do not approve. And I have found it a very good rule to follow. Lizzie Burgess. R. 1, Florence, Okla.

LATEST KANSAS MAP FREE

You can get one by writing the Farmers Mail and Breeze.

For the purpose of quickly securing new and renewal subscriptions to the great Kansas weekly, the *Farmers Mail and Breeze*, that paper has made arrangements to give away 5,000 of the latest official wall maps of Kansas and United States with the 1910 census complete.

This home, or office, library wall map is now the latest and best map of Kansas and United States to be had at any price. It is 28x36 inches in size, splendidly colored with beautiful half tones on the heaviest enamel paper. It shows the newest railroads and every postoffice and contains a complete index of the population of every city or town in the State.

There are, in addition, many other new and valuable features included in this chart. All of them copyrighted and controlled exclusively by Arthur Capper.

We are making a special offer on this wonderful wall map as follows: Send \$1.00 for one year's subscription, new or renewal, to the *Farmers Mail and Breeze* and one of the valuable 1910 census wall maps is yours. Or if you are already a paid in advance subscriber to the *Farmers Mail and Breeze*, secure the subscription of a friend who is not now receiving the paper and send it to us with fifteen cents extra to pay cost of mailing, and we will send two wall maps; one to your friend and also one to you for securing the subscription. Address at once, Map Dept., *Farmers Mail and Breeze*, Topeka, Kansas.

Trial trip until January 1, 1913, for 25 cents, Mail and Breeze, Topeka, Kan.

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I will send you on approval a reliable piano with bench and scarf. Am a practical piano man with twenty years experience. Can refer to Central National Bank and many schools and churches. Write for particulars of best piano proposition ever offered. Wholesale and retail **A. J. KING,** Schiller, Cable-Nelson, 106 W. 5th St., Topeka, Kans. Moreaus, Mason & Hamlin.

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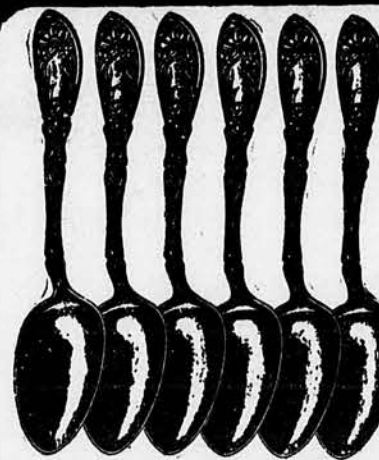


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SIX SILVER TEASPOONS

FREE



Greatest Premium Offer to Mail and Breeze Readers!

Here is an offer which should interest every housewife! No matter how many teaspoons you have you surely cannot afford to miss getting one of these beautiful sets on the very remarkable offer we are now making.

We purchased 1,000 sets of these spoons from the well-known Oxford Silver Plate Co., at a price so far below usual cost that we can afford to give one set free to all who accept our offer. They are silver plated and handsomely engraved and embossed in the beautiful Narcissus design, which extends the entire length of the handles on both sides, making a most pleasing effect. Each spoon is full standard length and weight; the bowls are extra deep, perfectly plain and bright polished; the handles are finished in the popular French gray style.

Send us \$2.00 to pay for a new or renewal subscription to *Farmers Mail and Breeze* for 3 years, and we will send you, absolutely free and postpaid, one set of six handsome Silver Plated Narcissus Teaspoons.

Remember we have just one thousand sets of these spoons on hand and this offer is good only while our supply lasts. We will cheerfully refund your money if you are not perfectly delighted with the spoons after you receive them. Don't delay. Send your order today.

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Narcissus Spoon Set Coupon

Mail and Breeze, Dept. 10, Topeka, Kan.

I enclose \$2.00 to pay for 3 year's subscription to *Farmers Mail and Breeze*. You are to send me free and postpaid the six Narcissus spoons described above.

My Name.....

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HOME DRESSMAKING

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



- 5897—Men's Union Suit, 5 sizes, 34 to 42 inches breast measure.
 5596—Misses' and Small Women's Dress, with three-piece skirt, sizes 14, 16, 18 yrs.
 5873—Five-Gore Petticoat, 7 sizes, 22 to 34 waist. Size 24 measures 2½ yards around bottom.
 5875—Dressing Sack, 6 sizes, 32 to 42 bust.
 4784—Girls' Dress, 4 sizes, 6 to 12 yrs.
 5893—Two-Piece Skirt, 5 sizes, 22 to 30 waist. Size 24 measures 2 yards around lower edge.
 5563—Nightgown, 8 sizes, 30 to 44 bust.
 5886—Child's Night Dress, cut in one-year size.
 5372—Child's Dress, sizes 2, 4, 6, 8, 10 yrs.
 5885—Ladies' Waist, with or without puffed, 6 sizes, 32 to 42 bust.

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.

How to Can Plums.

[Prize Recipe.]

Look plums over carefully, take off stems and remove any spots, then wash. Fill jars full and shake down, to leave no extra spaces unfilled. Press in as many as the jar will hold and let the lid go on. Then put a little water in each jar, about 1 inch in 1-quart cans and nearly twice that for 2-quarts. Screw on the lids loosely, without rubbers. Lay narrow strips of boards or lath across the bottom of the wash boiler and set the jars in, packing corn husks between them

or putting a cloth around each jar to keep them from touching. Fill boiler to within an inch or two of the lower edge of lids with cold or just warm water and set on to cook, putting the lid on boiler. Small plums in quart jars require only 20 minutes to cook after boiling commences, but larger plums require a little longer. I let them cool in the water till just warm, then have ready a kettle with boiling sugar sirup. When I take out the jars I take off one lid at a time, put on the rubber, fill with boiling hot sirup and seal. I have kept them canned this way three years and the last were as nice as the first.

Mrs. S. Gathers.

R. 1, Lookeba, Okla.

Keeping the Threshers Happy

BY MRS. J. H. MESSENGER.

To those who find it a hard task to cook for threshers, I would say: Don't fix a great lot of nicknacks, cakes, pies, salad and such dishes as men are not accustomed to, for they never like to take anything when they don't know whether they will like it or not. Strength-giving food is what they want.

Try to have things a little different from your neighbors. If your neighbors have chicken then you have beef or pork. By the way, my husband says pork is generally a scarce article at threshing time. Cook everything well done. Where you find one farmer who likes his meat rare, you will find 10 who want it well done.

Have as many vegetables as you like, Pumpkin, custard, and most kinds of fruit pies are liked by nearly all men. Avoid having anything that requires a long time to eat, such as fruit pies with seeds in. If you have fruit pies no other fruit will be needed, but some kind of fruit butter or jelly. If the pie has a crust on top arrange it so the men can see what is inside. This can be done by pulling one or two pieces out a little way on the plate, if it is not served on individual pie plates.

If possible, have everything on the table or near it, where all can see and gauge their appetites accordingly. I have often heard men say, after something they were not expecting had been passed: "I'd like some of that, but I've had too much already." Iced tea or lemonade is much appreciated by threshers, both at meals and between meals.

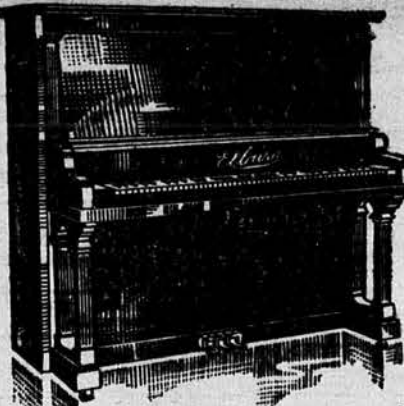
Have everything clean and served in clean dishes. This doesn't necessarily call for your best tablecloth. A tablecloth is desirable, of course, but if one has no help, if threshers are there several days and tablecloths are scarce, they can be dispensed with, providing the oilcloth is clean and new. If possible, have all seated at once. Sometimes this is out of the question, but be sure to give the engineer and separator man a seat at the first table, for they always have a lot of oiling and other work to do at the machine before commencing work again after dinner.

Have meals on time. And last, but not least, be as free from flies as possible. Have plenty of water, both hot and cold; soap, a large wash basin or the wash tub, an abundant supply of towels, a looking glass and comb, and put them all under a shady tree near the house, or on the shady side of the house.

Just one thing more, although not in the eating line: If the men are obliged to stay over night, give them the best beds you can. Don't put them in a hot, stuffy bedroom. Better make their beds in the living room or even in the haymow with plenty of comforts. But wherever they are, be sure they can rest, for there is not a harder working class of men anywhere than the threshermen. Of course, they are dirty when they come from the machine, but many of them take along a clean change of night clothes. Even if they do leave some grime, sheets and pillow cases will wash. I have washed for threshers every week all through the threshing season for 12 years.

Stuffed Tomatoes.

Take large, ripe, firm tomatoes. Cut out the stem end, scoop out the seeds and pulp and fill with green, tender corn cut from the cob and seasoned with salt, pepper and butter. Put in a baking pan and bake for half an hour. Sugar can be sprinkled over the tomatoes before filling them with corn if it is liked. Mrs. Martha Sewell. Netawaka, Kan.

This is the Elburn H-2
The Best Piano Value
Ever Known for Only ... \$225
\$6 Monthly

Stover, Mo., March 23, 1912.
 Gentlemen—The Elburn received, today. I wish to thank you for extraordinary treatment.

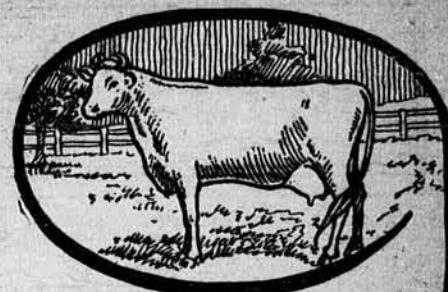
The piano far exceeds my expectations. This is the second piano I have purchased from the Jenkins Music Co., and I am extra well pleased.

Wishing you success, I am,

(Signed) LUTHER W. TAYLOR.

gratulated us on being able to sell such a piano for so little. Remember we always have on hand many bargains in Used Pianos of famous makes. Write today.

J.W. JENKINS SONS' MUSIC CO., KANSAS CITY, MO.



Any Ordinary Cow Can Earn \$6 a Month, the Amount It Would Take to Buy This Magnificent Piano.

Just think, only one of your cows would furnish the small sum required to buy an Elburn. Practically no sacrifice at all. And the pleasure the piano would bring into your home would be worth twenty times this insignificant sum. Let us send you an Elburn on free trial. You won't need to pay a cent unless you are entirely satisfied with it. If all of your friends don't say it is one of the handsomest pianos they ever saw and is worth every cent we ask you can send it back. We'll stand all of the expense.

We have hundreds of letters like the one quoted in this advertisement. Piano experts all over the country have congratulated us on being able to sell such a piano for so little.

The Way to Reach

The Fertile Irrigated Valleys of
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"The Cream of the United States"

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Soil, Climate and Irrigation combine to make the products of the valleys of the Rockies the best of their kind.

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Valleys in Utah

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Chama
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Choice of Two Separate and Distinct Routes to the Western Slope

Special Rates for the Homeseeker and Settler

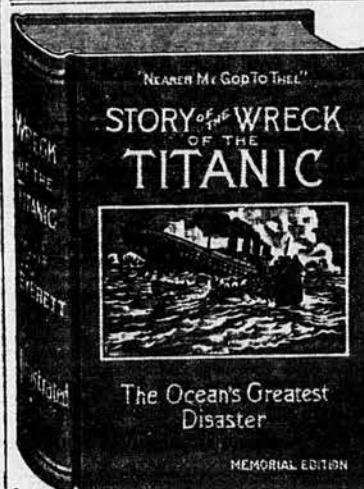
To All Points in the Above Mentioned Sections

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MARKET PROBABILITIES

[Written Specially for the Farmers Mail and Breeze.]

Monday prices for cattle at river markets showed no quotable change compared with the close of the preceding week. In Chicago the market was 10 cents higher.

The cattle market last week showed no earmarks of a mid-July trade. Slight reductions occurred in prices, but even at the lower range values were the highest ever paid the second week in July. In former years July has always been a month of unsettled and receding values, but so far that month this year has recorded a total price movement of only 25 to 40 cents. The best grades have ruled higher and the others lower. Traders for the past four weeks have been predicting the beginning of the big movement of grass fat cattle, but while receipts have been largely grassers the numbers have been far short of normal. In the meantime Chicago has begun to show a big drop in the supply of fed cattle and demand is turning to river markets, where buyers hope to keep going on grassers. It is an acknowledged fact that Oklahoma, the Panhandle, Kansas and Nebraska will be taxed for practically the entire beef supply of the country for the next three months. Prices may go some lower than at present, but it must be remembered that values now are above any previous records for so late in July. Chicago failed to record a new high mark on prime steers this week, but that was due more to lack of quality than willingness to pay the price. In Kansas City the top figure was \$9.65 on the native side and \$7.50 on the quarantine side for Texas grassers. Native grassers made \$8.75 and Kansas grass-

ers \$8.50. In St. Louis the top was \$9.50, and in St. Joseph \$9.40. While record prices continue for the best the medium to fair kinds were quoted off 15 to 35 cents, but the decline fell on classes that showed advances in the preceding week so that the net loss for the month has been small. This small net change in values has occurred with packers exerting every influence to break the market. Pasture men are in a strong position for holding their cattle, and consequently can control market prices much to their own liking. If prices break at any time, a sharp curtailment in market supplies will bring a quick recovery. There will be no cheap loin laid away in ice rooms this fall, and beef demand will not be more than two weeks behind actual slaughter.

Cow Market With Steam.

Grass fat cows at \$4.75 to \$5.50, heifers fattened by the same method at \$4 to \$6.75, and the discarded bulls at \$4 to \$5, were other market testimonials of the good demand existing. The big killers in former years have been able to gather in the range cows by the thousands in July to October, but this year they are reaping the results of too liberal marketing in former years, and while the high prices are the biggest and most urgent invitation to market ever extended to the West, cow slaughter is on a small scale. The "canner" end is even a more serious deal than the cutter end. In former years the old stock has been culled to the young shoots and branches, and what she stuff does come from the West will be of the kind that had the weight-gaining ability and carry flesh by virtue of good pastures. Veal calves at \$8, 6 to 8 weeks' old kinds selling up to \$20, a big temptation to cash in.

Feeders Needed the East.

A big corn crop is about to be matured, and feeders are getting their eyes open to the scarcity of thin cattle. Some eastern feeders have old corn on hand, and the prices have declined, consequently they are buying some half fat steers for feeding, paying \$6.75 to \$7.80. The lighter weight stockers and feeders are bringing \$5 to \$6.60. At this season of the year thin cattle should be plentiful, but July shipments to country points will be fully 50 per cent short of normal, and June showed even a greater decrease in the movement.

Shipping Demand Revives Hog Market.

Chicago quoted a decline of 10 cents on hogs on Monday and other markets were steady. The top in St. Louis was \$7.95, in Chicago \$7.85, in Kansas City \$7.65, in St. Joseph, \$7.60, in Omaha \$7.45. Shipping demand for medium and light weight hogs broke out in Chicago and St. Louis last week, and pushed prices up to a better average than for some time past. At Missouri river markets the eastern lead was not followed very closely, but prices were up some from the low close of the following week. Packers for some time past have been trying to get the eastern markets on a relative price basis with Missouri river points, and last week was the first time since April that they have succeeded. Medium and light weight hogs are selling at a premium over heavy grades, and that relative price position according to weights will continue until late August. So far this summer the weather has been ideal for marketing hogs. Few hogs have died in transit from the heat, yet the temperature has been high enough to make them take on a big fill. Practically no sick hogs are coming to market. Last week a year ago more than 40,000 pigs weighing 70 to 130 pounds received at the five markets were sick. Now practically none are coming that weigh less than 120 pounds, and they were not forced on the market on account of decrease.

The Movement of 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	31,275	43,600	19,600
Chicago	33,709	100,000	84,000
Omaha	7,900	54,200	31,100
St. Louis	12,200	34,000	16,900
St. Joseph	8,800	33,100	10,100
Total	93,875	264,900	161,700
Preceding week	90,300	234,600	158,400
Year ago	125,580	294,900	175,300

The following table shows receipts of

cattle, hogs and sheep at the five western markets Monday, July 22:

	Cattle	Hogs	Sheep
Kansas City	12,300	3,800	6,100
Chicago	11,000	45,000	30,000
Omaha	3,300	4,700	8,100
St. Louis	6,000	6,000	3,500
St. Joseph	1,000	5,700	2,800
Total	33,600	65,200	50,500
Preceding week	35,075	55,400	44,000
Year ago	47,975	73,200	45,800

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	1912 1911	1912 1911	1912 1911
Chicago	\$9.50 \$7.10	\$7.85 \$6.75	\$5.60 \$5.50
Kan. City	9.50 6.90	7.60 6.60	5.25 5.25

Grain Lower—Hay Weak.

Reports of unprecedented yields of wheat in Kansas, with the quality never before equaled, together with copious rains in the Northwest and cool weather which prevented rust, sent prices down below the dollar mark and close to the 90-cent average. Practically all of 1,700 cars received in Kansas City last week was new wheat. In St. Louis, part of the supply was old wheat. Next week more than 3,000 cars are expected at the two markets. Corn felt the lower prices for wheat by losing 2 to 3 cents a bushel. New oats are moving freely and prices are down 5 to 6 cents a bushel, and the lowest for nearly a year past. Prairie hay was quoted off another 50 cents a bushel and other varieties sold at weak prices. Receipts were close to 600 cars for the week, and all was new hay. A large crop is available and there is little prospect for higher prices before winter.

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	1912 1911	1912 1911	1912 1911
Chicago	\$1.09 \$1.06 1/2	76 66	54 41
Kan. City .....	.97 .90 1/2	79 65	45 41

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	2059	219	24
One year ago	1260	364	147
In Chicago—			
This week	421	815	713
One year ago	3564	429	880
In St. Louis—			
This week	895	264	45
One year ago	853	267	415

Kansas City Hay Quotations.

Prairie, choice, new	\$ 9.50 @ 10.00
Prairie, No. 1	8.50 @ 9.25
Prairie, No. 2	7.00 @ 8.25
Prairie, No. 3	5.00 @ 6.50
Timothy, choice	15.00 @ 16.00
Timothy, No. 1	14.00 @ 14.50
Timothy, No. 2	10.00 @ 13.50
Timothy, No. 3	6.00 @ 9.50
Clover mixed, choice	14.00 @ 15.00
Clover mixed, No. 1	13.50 @ 14.00
Clover mixed, No. 2	9.50 @ 13.00
Clover, choice	9.00 @ 10.00
Clover, No. 1	8.00 @ 8.50
Clover, No. 2	6.00 @ 7.50
Alfalfa, choice	14.00
Alfalfa, No. 1	13.00 @ 13.50
Alfalfa, No. 2	10.50 @ 12.50
Alfalfa, No. 3	8.00 @ 10.00
Straw	6.00 @ 6.25
Packing hay	4.00 @ 4.50

The following prices prevail for grain in Kansas City and St. Louis:

	Kansas City	St. Louis
Wheat—		
Hard No. 2	89 @ 93c	96 1/2 @ \$1.01 1/2
Soft No. 2	94 @ 96c	98 @ 1.02 1/2
Corn—		
White No. 2	79 @ 80c	80c @ .81 1/2
Mixed corn	72 @ 73c	75c @ .75 1/2
Oats—		
No. 2 white	45 @ 46c	51c @ .53
No. 2 mixed	40 1/2 @ 41 1/2c	49c @ .49 1/2

Livestock in Kansas City.

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	733,030	964,399	.....	231,369
Calves	55,195	88,803	.....	33,608
Hogs	1,557,543	1,929,595	.....	372,052
Sheep	1,114,372	1,128,839	.....	14,467
H. & M.	45,805	50,005	.....	4,200
Cars	57,072	73,091	.....	16,019

Cotton Market.

Galveston, Tex., July 22.—COTTON—Unchanged, 12 1/2c.

Butter, Eggs and Poultry.

Elgin, July 22.—Butter this week is firm at 25 cents.
Kansas City, July 22.—Prices this week on produce are:
Eggs—Firsts, new white wood cases included, 17c a dozen, seconds, 12c.
Butter—Creamery, extras, 24c a pound; firsts, 22c; seconds, 21c; packing stock, 20c.
Live Poultry—Broilers, 1 1/2 to 2 pounds, 18c a pound; under 1 1/2 lbs., 16c; hens, 12c; roosters, 7c; turkey hens and young gobblers, 12c; old toms, 10c; culls, 7c; ducks, 12c; geese, 5c; pigeons, 60c a dozen.

Produce Prices Now and One Year Ago.

	Butter	Eggs	Hens
1912 1911	1912 1911	1912 1911	1912 1911
Chicago	25 24	17 1/2 19	14 1/2 12
Kan. City	24 23	17 19	12 9 1/2



The Thornburgh Way—Labor Saved

One trip over your field with a mower and a THORNBURGH SIDE DELIVERY BUNCHER AND WINDROWER and your crop of alfalfa or clover is ready for hauling into the barn. You don't need a rake or a tedder. The crop is placed on the field in loose, hollow bunches or windrows where it is quickly cured, without bleaching.

No Seed or Leaves Wasted in Rough Handling

and the value of your crop is increased from \$4 to \$8 an acre. The buncher can be attached to any mowing machine and will pay for itself every full day it is operated. It will handle vetch, peas, short grain or timothy equally well. More than 85,000 now in use. If you want the best possible returns from your crops, write today for our catalogue, mentioning the name of your implement dealer.



3-STROKE Self-Feed HAY PRESS

Record run 3 tons in 1 hr. All steel and iron. Two men can run it.



Consign Your Hay to Us
Auto-Fedan Hay Press Co., 1514 W. 12th St., K. C., Mo.

LACE CURTAINS FREE



I will send you at once these handsome curtains, without one cent of cost. Don't delay. Address, CURTAIN CLUB, Dept. 24, Household Reg., TOPEKA, KANSAS.

CONSIGN OR SELL TO US YOUR HAY AND GRAIN

Send us your name and we will keep you posted on the market. C. E. SHOFSTALL HAY & GRAIN CO., 605B Live Stock Exchange, Kansas City, Mo.

RED LETTER BIBLE FREE

I want to give one of these superb, self-pronouncing Red Letter Bibles to every reader of this paper in return for a very small favor which will require but a few moments of your time. This is a very beautiful and very expensive Bible—size 7x9 1/2 in., printed in large, clear type, on pure white paper, bound with Imperial Seal, overlapping edges, strong and flexible. Especially adapted to the needs of Church and Sunday School workers. The words of Christ are printed in red. Profusely illustrated. Send No Money. This elegant free gift to you in return for a very small service. Send your name today for descriptive circular and full particulars of my free offer. Address, HOUSEHOLD BIBLE CLUB, 844 Jackson St., TOPEKA, KAN.



Horse Book FREE

Here is a book that should be in the hands of every horse owner! Admittedly the greatest book on the subject ever written and practically worth its weight in gold to horse owners and livestock breeders. 320 large pages profusely illustrated. Part I deals in plain language with the theory and practice of Veterinary Science—Diseases of Horses, Cattle, Sheep, Poultry, Swine and remedies. Part 2 contains Prof. Gleason's famous System of Horse Breaking, Training and Taming. Gleason's marvelous skill in training and treating horses is known throughout the entire world and he is considered the world's greatest authority in this field.

Our Great Offer! By a special arrangement we are able for a limited time to offer "Gleason's Horse Book" absolutely free—postage prepaid—to all who send \$5 to pay for a 6-months—new or renewal—subscription to our big farm weekly. Send your name and \$5 at once. Mail and Breeze, Dept. H-B-10, Topeka, Kansas

SILOS

Built of reinforced concrete are the best value for the money. No repair bills. No insurance.

Write for prices.

Hopper & Son,
Manhattan, Kans.

2 Baby Dolls FREE and 1 BIG DOLL FREE



Grandest Offer Ever Made

Yes, we want to GIVE you all three of these beautiful, golden-haired dolls. The big doll is 2 1/2 ft. tall, the baby dolls about 6 inches tall—and you need not spend a cent of your money to get them. They cannot be broken, have cheeks like two pink roses, big brown eyes and lips that look as if they wanted to be kissed. The large doll is so big that you will have to put her to bed in your own crib and dress her in your own outgrown clothes or some of the baby's. With a real child's dress on and a red bow that can't get lost or come untied in her bright curls, you will have a doll that all your little friends will admire, and you will love her better than your other dolls because she is the kind that won't break, lose her eyes or snarl her hair. The two little baby dolls, dressed in white baby dresses, will make your doll family the cutest and most desirable ever offered. The dolls are stamped in beautiful colors, on strong cloth, and mamma can sew them up on the machine in ten minutes. Printed directions will tell her how to make Miss Dolly so she will sit down, bend her arms and legs, and allow you to place her in all kinds of natural positions. Each doll has on bright red stockings and black laced boots.

How to get them Free. Send 25c for a year's trial subscription to our popular magazine for women folks and we will send the dolls as a gift. THE HOUSEHOLD, Doll Dept. 53, Topeka, Kan.

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

A. B. 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 Gales, Iowa, 334 Chamber of Commerce Bldg., Omaha, Neb.
G. E. Hall, Nebraska, 334 Chamber of Commerce Bldg., Omaha, Neb.
E. 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 such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

Berkshire Hogs.

Aug. 22—Kenloch Farm, Kirksville, Mo.
Aug. 27—J. T. Bayer & Sons, Yates Center, Kan.

Poland China Hogs.

Aug. 5—A. J. Podendorf and Frank Rainier, Logan, Ia.
Aug. 6—John B. Lawson, Clarinda, Ia.
Aug. 7—J. W. Pfander & Sons, Clarinda, Ia.
Aug. 8—L. R. McLarnon, and J. O. James, Braddyville, Iowa.
Aug. 21—F. G. Laptad, Lawrence, Kan.
Aug. 23—A. B. Campbell, Geary, Okla.
Oct. 8—J. D. Spangler, Sharon, Kan.
Oct. 8—T. J. Melsner, Sabetha, Kan.
Oct. 9—Herman Groninger & Sons, Bendena, Kan.
Oct. 15—H. C. Graner, Lancaster, Kan.
Oct. 16—H. B. Walter, Effingham, Kan.
Oct. 16—Harry Wales, Peculiar, Mo.
Oct. 18—W. E. Long, Meriden, Kan.
Oct. 19—Thos. F. Walker & Son, Alexandria, Neb.
Oct. 19—C. L. Branich, Hiawatha, Kan.
Oct. 22—Jno. W. Noll, Winchester, Kan.
Oct. 23—W. E. Epley, Diller, Neb.
Oct. 24—L. E. Kline, Zeandale, Kan.
Oct. 24—J. Mingle, Anthony, Kan.
Oct. 24—J. J. Hartman, Elmo, Kan.
Oct. 26—R. B. Davis, Hiawatha, Kan.
Nov. 1—Walter Hildwein, Fairview, Kan.
Nov. 1—Dr. Jno. Gildow & Sons, Jamesport, Mo.
Nov. 2—J. H. Hamilton & Son, Guide Rock, Neb.
Nov. 9—A. C. Lobough, Washington, Kan.
Nov. 13—Herman Groninger & Sons, Bendena, Kan.
Nov. 15—W. M. Watt & Sons, Green City, Mo.
Jan. 30—C. W. Jones, Solomon, Kan.
Feb. 15—L. E. Holmes, Bloomington, Neb.
Feb. 15—Thos. F. Walker & Son, Alexandria, Neb.
Feb. 18—J. H. Harter, Westmoreland, Kan.

Duroc-Jersey Hogs.

Aug. 2—R. J. Harding, at Carson, Ia.
Aug. 21—F. G. Laptad, Lawrence, Kan.
Aug. 31—W. R. Blackshire, Elmdale, Kan.
Sept. 4—W. R. Huston, Americus, Kan.
Oct. 17—Moser & Fitzwater, Goff, Kan.
Oct. 19—H. B. Miner, Le 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.
Nov. 31—Philip Albrecht & Son, Athol, Kan.
Nov. 12—Lant Bros., Dennis, Kan.
Nov. 13—Sam'l Drybread, Elk City, Kan.
Jan. 16—F. C. Crocker, Filley, Neb.
Jan. 22—Thompson Bros., Garrison, Kan.
Jan. 25—Glenn Keeseecker, Washington, 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—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. 22—Geo. P. Philippi, Lebanon, Kan., at Esbon, Kan.

O. I. C. Swine.

Oct. 24—R. W. Gage, Garnett, Kan.
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.

Aug. 27—J. T. Bayer & Sons, Yates Center, Kan.
Nov. 15—W. M. Watt & Sons, Green City, Mo.

Kansas and Oklahoma.

BY A. B. HUNTER.

Write Huston for a Catalog.

W. R. Huston, Americus, Kan., will sell a choice lot of Durocs September 4. When the sales last winter were going very slow Mr. Huston's neighbors and a few breeders came to his aid and it was one of the best of the winter. He breeds the kind that people want. Write early for a catalog.

Blackshire Sells Durocs August 31.

To those who are in need of good Duroc breeding stock we wish to remark that the opening sale of this season will be that of J. R. Blackshire, Elmdale, Kan., whose herd is replete with state fair winners and is one of the best in the state of Kansas. Watch these columns for further particulars but send your name today for a catalog. Please mention Farmers Mail and Breeze.

Strong in Anxiety 4th Blood.

No herd of Herefords in the West is more strongly bred in the blood of Anxiety 4th than is that of Fred Mathews & Sons, of

Kinsley, Kan. The herd is not only representative of popular breeding but the individuals are extra good. At present Messrs. Mathews are offering eight long yearling bulls, 30 yearling heifers and some cows with calves at foot. The prices are right. Write about these cattle or go and see them.

Kansas and Nebraska.

BY J. W. JOHNSON.

Col. John Brennan, Esbon, Kan., is building a new residence on his fine 1,000 acre Jewell county farm near Esbon. When completed it will probably be the best farm residence in Jewell county.

J. M. Nelson, Marysville, Kan., breeder of Berkshires, has one of the best known herds of Berks in northern Kansas. He always has something for sale and at the present time has a good herd of yearling bulls and some fall boars. Write him, mentioning Farmers Mail and Breeze. Also about bred sows and gilts.

The Mid-West Exchange and Sales Agency, Riverton, Neb., have choice bargains in farms and ranches both improved and unimproved in Nebraska and other states. They have choice alfalfa land for sale along the Republican river. They have a big exchange list they will send to anyone on application.

Davis & Son, Otego, Kan., are breeders of Poland Chinas. Their herd boars, Tudor J., is a yearling and one of the best prospects that we have seen lately. He was sired by Beauty Hadley and is going to make a big hog. He is smooth and good all over. This firm has a crop of good spring pigs. They are a little late but good.

N. E. Copeland, Waterville, Kan., has about 60 spring pigs that are doing nicely. They were sired mostly by Copeland's Hadley, bred by Cayser, of Phillips, Neb. He is 2 years old and a breeder of unusual merit. A litter that looked good to us was a litter of 10 sired by Expansion Son and out of M's Hadley, a sow bought in the Lee Gross sale, at St. Joseph last winter. The litter was farrowed the 22nd of March and is a promising lot of youngsters. Mr. Copeland has claimed October 29 as the date of his boar and gilt sale.

C. P. Jones, Courtland, Neb., is a breeder of big smooth Polands that we visited last week. His herd is one of the strongest in that section of Nebraska and Mr. Jones is a young business man that we believe Kansas breeders should know better. He has 55 spring pigs and 30 very choice gilts which are being carefully handled, the best of the spring gilts and the 30 fall gilts being reserved for his bred sow sale February 11. He has four herd boars that compare favorably with the best. Write him about a boar of last spring farrow. Also about four fall boars that are right.

Bancroft's Duroc Bred Sows.

D. O. Bancroft, Osborne, Kan., a regular advertiser in Farmers Mail and Breeze, offers 13 tried sows and 10 September gilts, bred to farrow in September, that he will sell worth the money. Mr. Bancroft has many customers among the readers of this paper and they are satisfied customers. We have never had a complaint of any kind from this source. If you want some good Duroc sows, write Mr. Bancroft.

Prize Winner for Sale.

Philip Albrecht, Athol, Kan., has for sale a roan Shorthorn bull, calved December 26, 1910, that would be of interest to any breeder in need of an outstanding bull. Last season at the Smith county fair he won three blue ribbons. First in class, first in herd and championship over all breeds. His dam was an excellent milch cow. He is the making of a big massive bull and is a great prospect. Write Mr. Albrecht for price and description.

Monasmith's Business Partner.

On Saturday evening, June 29, Mr. W. E. Monasmith of Formoso, Kan., was married to Miss Iva Robbins of Maize, Kan. Mr. Monasmith is well known to Farmers Mail and Breeze readers because of his activity in the Duroc-Jersey business. He has a host of friends among the Duroc-Jersey fraternity who will be glad to hear of his marriage. Both are deservingly popular young people of Jewell county. Here is hoping that all their troubles will be little ones.

After the Purple Ribbon.

Phil Dawson, Endicott, Neb., is going after first place with his great herd boar, at Lincoln and other big shows this fall. Defender is the name of the boar and you will hear more about him later. Phil is probably the best known breeder of big type Poland Chinas in the West and his advertisement is always to be found in Farmers Mail and Breeze. His farm joins Endicott, Neb., and visitors are always welcome. We will have more to say about Phil Dawson's herd of big Poland Chinas during the season.

Prize Winners at Head.

Philip Albrecht, Athol, Kan., is a veteran breeder of Duroc-Jerseys at that place. His fine farm is about seven miles from Smith Center, in Smith county, and he is only about two miles from Athol. His best of breeding, Belle Top, by Belle's Chief, is 2 years old and a breeder that any man would be proud of. Albrecht's Cole is an Iowa bred boar that has sired over half of this season's crop of pigs. He is a splendid individual and a good breeder and new breeding for this section of the country. He is 1 year old. Kansas Chief is the other herd boar and was sired by Waldo's Victor. Kansas Chief was first in the under 6 months class at Topeka last fall. Belle Top was second at the same place. There are about 20 herd sows in this herd that have been

bought and reserved that are right and that would be a credit to any herd in the country. Mr. Albrecht has claimed October 31 as the date of his boar and gilt sale.

Some Choice Spring Boars.

C. C. Ingram, Bloomington, Neb., has 50 spring pigs, sired by Nebraska Chief, Pan Wonder and Hyden's Big Hadley 2d. His 20 herd sows are as good as any like number in Nebraska. He is a young man who is trying to establish himself in the business right and is starting with the best, determined to sell nothing but those that will prove good investments for their purchasers. He will have some choice spring boars to sell soon and you can't do better than write him about them. He will hold no fall sale but may decide to hold a bred sow sale in February. In fact he is arranging to do so.

A Real Live Wire.

Col. C. W. Smith, Fairbury, Neb., is one of the real live wires in the fine stock auction business. He is the owner of what is probably the finest sale pavilion in southern Nebraska. It is 145 by 75 and was built expressly for the business. The charges for the use of the pavilion are very reasonable. It is covered and well ventilated and is in fact one of the best pavilions for the business I ever saw. Col. Smith is up to date both as an auctioneer and in arranging for a sale. If you want to sell in a wide awake town with the best of railroad facilities go to Fairbury and get in touch with Col. Smith. He knows the game and can help you make a successful sale if it is possible.

Changes His Sale Date.

F. C. Crocker, Filley, Neb., has decided not to hold his August 13 sale but will hold his bred sow sale January 16. Mr. Crocker is one of the top breeders of Nebraska and raises lots of them. This season's crop of pigs is up around 350 or 400. He devotes all of his time to the business. The writer knows of a number of satisfied customers who have bought bred sows from Mr. Crocker. Mr. Glen Keeseecker, of Washington, Kan., is a breeder with three of Mr. Crocker's sows in his herd. He is more than pleased with them. There is going to be a fine lot of sows in this January sale and you better figure on being there. We will have more information about this herd later on.

Plainview Herd Durocs.

David Boesiger, Courtland, Neb., is a breeder of Duroc-Jerseys at that place with a strong herd. His herd sows are an unusually strong lot of sows and the 100 spring pigs we were shown there last week would convince anyone that Mr. Boesiger has been a good buyer of the best to be had. Lincoln Lad, by Lincoln Wonder was the sire of a majority of this season's crop of pigs. The balance were sired by Crimmon Wonder Boy by A. Crimmon Wonder. Lincoln Lad was sired by Lincoln Wonder and he by Ohio Chief. The dam of Lincoln Wonder was Morrison's Peach by Crimmon Wonder and her dam was Miss Bob, one of the best brood sows ever owned in Nebraska. Lincoln Lad is bred right and has the breeding back of him. Mr. Boesiger's herd is known as Plainview Herd.

Koenig's Duroc-Jerseys.

H. H. Koenig, DeWitt, Neb., is a breeder of Duroc-Jerseys well known to Kansas breeders. Mr. Koenig lived for a year at Gaylord, Kan., and was a buyer in some of the sales in Kansas that year and had the reputation of being a very discriminating buyer and a breeder who never had room on his farm for an inferior animal. He still owns his farm at Gaylord, Kan., but is now a resident of Nebraska and is living on a fine farm adjoining DeWitt. We visited him there last week and found him with 80 spring pigs and all of them doing nicely. He is fitting a herd to show at the Nebraska State Fair and may come to Topeka. He has two herd boars: Echo's Crimmon Wonder by Crimmon Wonder Again. The other is Echo's Chief by Echo Top King. He has three good fall boars and they are for sale. Also his spring boars. His ad will start in Farmers Mail and Breeze shortly.

Herd Boar for Sale.

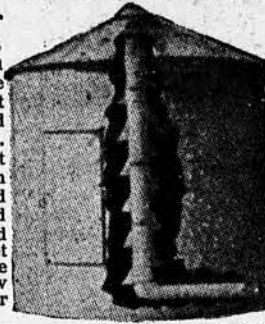
W. E. Willey, Steele City, Neb., is a breeder of quality Poland Chinas. He is breeding the strictly big type but his matings and selections are all made with a view to all the quality possible. Consequently he has one of the smoothest big type herds we know of in Nebraska. We visited his herd last week. He has about 150 spring pigs with quite a number of last fall's farrow. Mr. Willey has quite a record as an exhibitor and has always been a good winner at the leading shows. He will show again this season at Lincoln and Topeka and possibly at some of the other shows. He is offering for sale a herd boar that is a real winner for the breeder with a good string of sows. He is recorded as Norman Blue 177691 and was sired by Pawnee Blaine and his dam was Expansion Blue 2d 356490. She was also the dam of two boar pigs that Mr. Willey showed at Lincoln last season and won first, second and champion boar, shown by exhibitor. These pigs weighed at that time 300 each. Norman Blue is a great individual and a great breeder. He would prove a money maker for anyone who is in need of an outstanding herd boar. Sky-lark is a yearling boar that is being fitted for the shows this fall. Norman Blue has gone through the cholera and should be immune. He is sold with a positive guarantee to be a breeder. Let Mr. Willey describe him to you. He is absolutely right in every way.

Great Jersey Cattle Herd.

Smith & Roberts, Beatrice, Neb., are breeders of Jersey cattle and their model dairy farm joins Beatrice on the west. There are over 100 head in the herd and about 30 of the cows are being milked at the present time and the sweet cream sold in Beatrice. These 30 cows will show a profit from the cream alone of over \$100 per head for the season. Last season they milked 37 head and the profit on the butter fat from each cow for the season was \$122 and the skimmed milk was left. They have for sale at the present time about 30 bulls and heifers. The bulls are of serviceable age and the heifers are of different ages. Everything is tuberculin tested and in the very best of condition. There are two herd bulls in use in this herd that are probably as valuable as any in the country.

Equity Grain Bin

saves your grain from rain, fire, vermin and insects. Made of galvanized sheet steel reinforced with angle iron. Will neither rust nor rot. Every bin has a perforated ventilator. Shipped freight prepaid and is easily set up. Will save more than cost in a few years. Write for special prices.



THE KANSAS METAL GRANARY CO., WICHITA, KAN.

Plumbing and Heating

We sell plumbing and heating outfits direct to the owner. \$45.00 buys complete bath room outfit. You install them yourself, or if necessary we can furnish you with first-class mechanic. We do steam, hot water and hot air heating, also make plans and estimates free. Write for prices and literature. Math Plumbing and Heating Co., 421 N. Main St., Hutchinson, Kan.

WANTED—CLUB RAISERS

Special presidential campaign offer. Greatest special offer ever made. Good wages. Mail application at once to Circulation Manager, Capper Publications.

As a Candidate For Governor of Kansas These Are the Things I Stand For

For revision of taxes downward—on city, county and township as well as state taxes.

For the strictest economy in public expenditure—a dollar's worth of service for every dollar of the people's money.

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

Real Estate and Live Stock Auctioneer

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.

POLLED DURHAMS.

Polled Durham Bulls

Six well bred young bulls and a limited number of cows and heifers for sale.
C. M. HOWARD, HAMMOND, KANSAS.

Woods Polled Durhams

Roan Hero Bulls and Heifers for Sale. Three bulls from 12 to 22 months old, a Mina, a Brawth Bud and a Necklace, two roans and a white of top quality and ready for service. Also a few choice yearling and two-year-old heifers. These will be priced right for quick sale. Come and see or write
C. J. WOODS, CHILES, KANSAS.

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.

Modern Herefords

ROBT. H. HAZLETT

Hazford Place
Eldorado, 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.

Fort Larned Herd

40 REGISTERED BULLS. 20 GALLOWAYS and 20 RED POLLS, 10 to 20 months old. Priced to sell.
E. E. FRIZELL, LARNED, KANSAS

SHORTHORNS.

Milk and Beef Combination. Hornless, Shorthorn Cattle. Oxford Down Sheep. Bourbon Red Turkeys. **J. H. WALKER, LATHROP, MO.**

JOHNSON'S Shorthorns 50 HEAD including 6 good young bulls. Also young jacks. Farmers' prices.
T. F. JOHNSON, GARFIELD, KANSAS

SHORTHORN CATTLE
POLAND CHINA SWINE and CLEVELAND BAY HORSES. All stock pedigreed. Prices reasonable.
Thos. B. Murphy & Sons, Corbin, Ks.

Valley View Shorthorn Cattle

25 cows and heifers bred to Orange Major 264704, 10 bulls of different ages sired by Major of Valley View 266325. Prices right. Breeding and individuals right. Address
ADAM H. ANDREW, GIRARD, KANSAS.

True Goods 337574

by Fair Goods, dam Rosie 11th by Standard Bearer, second dam Imp. Rosie 17th by Scottish Victor, heads my herd of carefully selected Scotch cows. Young stock for sale.
T. J. BLAKE, HIAWATHA, KANSAS.

SHORTHORNS

4 bulls from 12 to 18 months. Roans and reds. Scotch Tops. Address, **L. M. NOFFSINGER, OSBORNE, KAN.**

Shorthorns-Poland Chinas

Choice cows and heifers for sale and 40 young pigs of both sexes. Big stretchy kind.
S. B. AMCOATS, CLAY CENTER, KANSAS.

Lookabaugh's Shorthorns

Violet Search by Searchlight at head of herd. Breeding stock, both sex. Prize winners and descendants of prize winners. Write your wants.
H. C. Lookabaugh, WATONGA, OKLAHOMA

Pearl Herd of Shorthorns

I have a select bunch of young bulls from six to 20 months old, well bred, well grown and the making of good useful animals. They are both reds and roans. Can ship via C. R. I. & P. A. T. & S. F. U. P. and Mo. Pac. Address
C. W. TAYLOR
R. R. No. 2, Enterprise, Kan.

elation with this institution is so well known that most people speak of the school as Gard's Business University. In fact this term is more generally applied than its original name. The St. Joseph Business University. Ask to have the new catalog and information sent to you free of cost. Write E. E. Gard, Principal, Dept. A, St. Joseph, Mo.

Chillicothe Business College.

Now is the time for selecting the school that you will attend this fall and winter to secure a business education. Among the many high classed institutions of the country that give the very best returns, none stand higher than the Chillicothe Business College, Chillicothe, Mo. This school stands on its own record of many years' successful operation and in furnishing good positions for its graduates. There are hundreds of graduates from this school holding high positions in nearly every state. A diploma from this school insures a good position; write for its fine big illustrated catalog, filled with testimonials of satisfied graduates who are making from \$100 to \$200 per month. Attention is called to the advertisement in this issue.

The Best and Cheapest Spraying Mixture.

With so many spraying mixtures on the market, each loudly claiming to be the "best," it is a difficult matter for the average fruit grower to select the one which is best adapted for his particular needs. Many such mixtures really do more harm than good because, while they unquestionably kill the insect pests, they also sear and blight the buds and leaves. No such injurious effects as these are possible when a spraying mixture made of one can of Merry War Pow-Lye to 15 gallons of water is used. Many of the most successful and practical fruit growers declare this to be the ideal spraying mixture. It means instantaneous death to every form of insect pests, cannot injure the buds or foliage no matter how freely it may be used and has additional advantage in that the drippings around the roots of the trees enrich the soil. This solution will prevent and destroy San Jose scale. This mixture is equally effective for fruit trees, or for garden vegetables, grape vines, etc. If the solution is made a little stronger, in the proportion of one can of Merry War Powdered Lye to about 10 or 12 gallons of water, it makes a most effective exterminator of borers. For this purpose it should be applied plentifully around the mouths of the burrows with a brush, so that it will trickle down into the burrows. Merry War Lye is manufactured by the E. Myers Lye Company, of St. Louis, who have just issued a most interesting booklet, telling of the many practical uses for Merry War Lye on the farm and in the home. A copy will be sent free to anyone writing the E. Myers Lye Company, Dept. 10, St. Louis, Mo., telling them they saw their offer in Farmers Mail and Breeze.

Preparing for the State Fair.

The interest manifested in the state fair which will be held at Topeka, September 9-13, justifies the prediction that the meeting this fall will eclipse any former event at the capital. Both points of exhibition of agricultural products and attendance, the evidence accumulates that even the great exhibition at Topeka last year will be surpassed when the gates of the state fair grounds are opened to the public on the second Monday in September, notwithstanding the fact that the show of breeding stock at Topeka in 1911, ranked with the greatest fairs in the United States, there being only three other shows of the breeds of cattle and draft horses that equalled the number and quality of the exhibits of livestock on the Topeka fair grounds. Judging from the entries that have been made, the management will be taxed to the capacity of the big barns and compelled to erect other buildings to accommodate the breeders who continue to apply for stalls. Two new hog barns have been completed in addition to the four built last year. The location of the large poultry building on the west side was a wise move. The space in the middle of the grounds, between the grandstand and the hog barns, covering about 10 acres, will be occupied this year by machinery exhibits. The new race barns on the south side provide a lot of room for exhibits, and applications for space already made point to an accumulation of machinery that will really be interesting. Attractive features in the way of amusements and musical organizations which have attracted statewide interest to the Topeka fall festivals, will be announced later. September, especially this year, is a month when people enjoy meeting and talking over the successes and rejoice in the prosperity of which the present splendid prospects for generally good crops give assurance. "Meet me at the state fair at Topeka" is the message being passed between friends on every side, and it seems appropriate that a great many will take the opportunity to visit the fair, see the large display of the state's resources, and at the same time enjoy a home coming.

Four Big Papers For \$1.25

The Mail and Breeze is enabled to make the biggest clubbing offer it has ever had, and for only \$1.25 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 Twice-a-Week Republic of St. Louis, the oldest and best semi-weekly newspaper in the entire Southwest.

Farm Progress, a big semi-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 \$1.25. If you are a subscriber to any one of these papers your time will be advanced another year. The regular price of these papers, if taken separately, would be \$2.25. Why not save \$1.00 and buy this combination? 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.

Trial trip until January 1, 1913, for 25 cents, Mail and Breeze, Topeka, Kan.

DAIRY CATTLE.

HOLSTEINS—CHOICE BULL CALVES.
H. B. COWLES, TOPEKA, KANSAS.

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.
R. J. LINSKOTT, HOLTON, KANSAS

Holstein-Friesian Bulls

For sale—choice young bulls, sired by Piorterie Hengerveld Nannette, first prize bull 3 state fairs, 1911, from producing cows. Exceptionally fine markings. **W. C. Jones, Rural 2, Topeka, Kan.**

Holsteins For Sale!

Am making special price on 12 head of milkers from two to eight years old. All milking now except one. She will be fresh soon. All good young stuff and a bargain at \$775. Don't wait to write but come and get them if you want them. Offer good to July 20.
IRA ROMIG, Station B, TOPEKA, KANSAS.

Smith & Roberts' Jerseys

One of the most profitable herds in the West. Over 100 cows in the herd. 30 serviceable bulls and heifers for sale. Prices very reasonable. Address
SMITH & ROBERTS, BEATRICE, NEB.

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 Gamboge Knight; Merry Maiden's Golden Lad, a son of Merry Maiden's 3d Son; and Eurybia's Exile. 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.

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.

FOR SALE One 9 mo. old Guernsey Jersey reg. bull; granddam has record of 591 lbs. butterfat, well marked; also few Duroc Jersey spring pigs. **John Perrenoud, Humboldt, Kan.**

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.

O. I. C. SWINE.

O. I. C. HERD BOARS OR BRED SOWS
By O. K. Winner, winner of 12 firsts, 4 champion and 4 grand champion ribbons in 20 shows, and Chicksaw Model, second prize winner at Lincoln. Sows bred to these boars and keep on Winner. Priced for quick sale.
H. L. BODE, FRIEND, NEBRASKA.

O. I. C. Pigs \$10.00 EACH. Harry Haynes, Meriden, Kan.

EDGEWOOD O. I. C's. boars and bred and open sows, gilts; spring pigs mated, no kin. **HENRY MURR, Tonganoxie, Kansas.**

HAVE YOUR IDEAS about the O. I. C. hogs been correct? Send for my circular telling all about it. **R. W. Gage, Garnett, Kan.**

O. I. C's.—the right kind. Bred right and fed right. Choice pigs for sale.
W. P. DOOLITTLE, WOODLAND, MO.

O. I. C. Swine Best of breeding. Stock for sale of both sexes. Satisfaction guaranteed.
F. C. GOOKIN, RUSSELL, KANSAS.

STAR HERD O. I. C's.

Breeding stock of various ages, either sex. Best breeding represented in this herd. Write your wants.
ANDREW KOSAR, GLASCO, KANSAS.

Burr Oak O. I. C. Hogs

28 last September, October and November boars for sale. Best of backs, feet and lots of scale. Prices right. **Charles H. Murray, Friend, Nebr.**

10 O. I. C. Fall Boars

August farrow, by Boxer 20787; also spring boars, by Boxer and St. Croix 21907, by the champion Combination. Stock and prices right. Write today. Address
J. G. JORGENSEN, Box 6, Kimballton, Ia.

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.

Neef's O. I. C's

—"The easy feeding big kind." Special offer on 15 yearlings by O. K. Perfection bred for September litters. Also 7 winter boars and 15 open winter gilts for sale. Booking orders now for spring pigs, either sex. Can furnish pairs or relatives not akin. Can supply new blood to old customers. Description and prices on request.
RIVERSIDE FARMS, J. H. NEEF, Prop., BOONVILLE, MISSOURI

Herd Established Over 25 Years Evergreen Crest Galloways

Over 1,300 acres devoted to purebred Galloways, sheep and horses. Flagstaff 29205 and Sally's Othello 33696, 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.**

HAMPSHIRE.

Registered Hampshire Hogs Either sex, all ages and bred to sell.
W. C. STENZEL, ELMDALE, KANSAS

Wittorff's Hampshires Best blood lines, spring pigs, pairs and trios unrelated. Descriptions guaranteed. **F. C. Wittorff, Medora, Ks.**

Pure Bred Hampshires

Inspect our herd or write for prices. Our motto is to please. **ALVIN LONG, Lyons, Kansas.**

HAMPSHIRE HOGS 30 tried and GILTS bred for Spring Farrow, including my SHOW HERD. Also Boars ready for service and spring pigs not akin.
G. W. Weisenbaum, Altamont, Kan.

15 Yearlings and a few bred for August and September litters to Corrector 8013. Special prices if taken at once. Also Indian Runner Duck Eggs for sale.
J. R. Lawson, Ravenwood, Mo.

Try The White Belts

Cloverdale Farm offers a number of extra nice Hampshire boars for sale.
T. W. Lavelock, Princeton, Kas.

WRITE J. F. PRICE, Medora, Kans. For prices on Pedigreed HAMPSHIRE HOGS. S. C. B. Leghorn eggs.

BERKSHIRES.

FOR SALE—50 BERKSHIRES OF QUALITY 40 March and April pigs by Second Masterpiece, 30 at \$15 each or \$25 per pair. Balance show prospects, \$150 per five; something fancy. A few gilts and two October boars at \$25 each. Two October boars, by Second Masterpiece, and one by B. D.'s Centerpiece, fancy herd headers, at \$50 each. Yearling boars at from \$25 to \$50 each, also a few gilts bred to farrow in May and June at reasonable prices.
J. T. BAYER & SONS, Yates Center, Kansas.

Jewell County Berkshires Fall gilts and yearling sows for sale, bred or open. **C. W. ELYEA, JEWELL CITY, KANS.**

Berkshires That Make Good

With size, bone and feeding qualities that please the farmers as well as ability to win in the show ring. Undeveloped young herd bred by exhibitor, three state fairs.
C. G. NASH, ESKRIDGE, KANSAS.

WAITE'S BERKSHIRES. Choice young Boars and Gilts, also tried sows. Best famous Robins Hood Blood. We guarantee satisfaction. Call or write **LEON A. WAITE, WINFIELD, KAN.**

BERKSHIRES, SHORT-HORNS and JERSEYS

FOR SALE—25 boars by Robin Hood Premier 2nd or Rival's Lord Premier, and out of sows representing such sires as Imported Baron Compton, Berrington Duke and Premier Longfellow. Also a choice Shorthorn bull calf by Silk Goods and out of a show cow.

W. J. GRIST, :: OZAWKIE, KANSAS

WILDWOOD FARM BERKSHIRES

Headed by **SIR MASTERPIECE 2D AND WILDWOOD REVELATION 125617.**

Pigs, March and April farrow, priced very reasonably. Get in your order early for choice pairs and trios. Choice gilts will be bred to Sir Masterpiece. Only the best shipped on order and all representations guaranteed. Address
O. L. STEANSON, TROY, KANSAS.

Sutton Farm Berkshires

We are offering selections from 100 spring pigs, mostly sired by Judge Robin 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 trios of sows bred for Sept. farrow.
Sutton Farms, Lawrence Kansas.

Berryton Duke Jr.

RED POLLED CATTLE.

Foster's Red PollsWrite for prices on breeding stock.
C. E. FOSTER, R. R. 4, El Dorado, Kansas**RED POLLED BULLS**and heifers by Actor 7781 and Launfal 13221. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Pigs. Write or come.
CHAS. MORRISON & SON, Phillipsburg, Kan.

MULE-FOOTED HOGS.

Mule Foot Hogs Bred sows and pigs in pairs, not related. Pedigree furnished.
EENE G. HADLEY, WILMINGTON, OHIO

DUROC-JERSEYS.

FASHIONABLE BRED DUROCS
Graduate Col. at head of herd. Gilts bred to him and spring pigs either sex by him.
Royal Seion Stock Farm, Winfield, Kan.**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.**SPRING BOARS READY TO SHIP.**
Unexcelled in breeding and quality. A few from State Fair prize winners. Order while young and save express. For prices on young stock address
C. O. ANDERSON, MANHATTAN, KANSAS**CRIMSON WONDER AGAIN BOARS.**
1 yearling dam by W. L. A's Choice Goods, a herd header 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's Col. 112297, Autocrat 94765 and Muncie Col. 113779. Satisfaction guaranteed.
W. A. WILLIAMS, MARLOW, OKLAHOMA.**Crimson Wonder, Ohio Chief Blood Lines**
Fall boars and March pigs for sale at a very reasonable price. P. C. GARRETT & SON, Farm 2, BLOOMINGTON, NEBRASKA.**TAYLOR'S DUROCS** Booking orders now for choice spring pigs, over 100 head to select from, sired by Col. Wonder 112395 and Mo. Climax. Litter makes being fitted for fall shows. Prices right. Chas. L. Taylor, Olean, Mo.**HEBRON FARM DUROCS**Some good fall boars for quick sale. Also a few good sows.
H. H. SHAW, - HEBRON, NEBRASKA.**BRED DUROC GILTS FOR SALE!**

Fall boars, 2 yearlings, April pigs at weaning time. One extra good yearling herd boar. Write for prices and state your wants to J. E. WELER, FAUCETT, MO.

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, Geff, Kansas.**COLLEGE HILL HERD DUROC JERSEYS.**March and April pigs priced at three months old. Tatarax, G. M's Col. and Carl's Critic Breeding. State Fair winners. Write for prices.
W. W. Bales & Sons, Manhattan, Kansas.**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.**Fisher's Durocs** Herd boars, Graduate Col. 28279a, Crimson Prince 69527, 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, Danville, Harper Co., 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.**DUROCS**Great crop of spring pigs. Tried sows for August and September farrow, bred to our great boar, Good E. Nutt Again King.
W. W. Otey & Sons, Winfield, Kan., "The Men With the Guarantee."**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. Clasen, Union City, Okla.**W. T. HUTCHISON, CLEVELAND, MO.****DUROC JERSEYS.**

Special offering, 5 extra fall boars ready for service, for quick sale; also, choice pigs, either sex, pairs and trios. Order now for choice. I can please you.

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.**Bancroft's Durocs.**We hold no public sales. Nothing but the best offered as breeding stock. Choice Sept. boars, tried sows and September gilts open, or bred to order, for fall farrow. 80 Feb. and March pigs, either sex. Pairs and trios not akin. Prices right. Customers in six states satisfied. Describe what you want. We have
M. D. O. BANCROFT, OSBORNE, KAN.**Our Old Friend Timothy**

(Continued from Page 3.)

just at the stage when the grass has about ceased blooming and most of the blossoms have fallen, there being only a few blossoms left at the top of the heads. When cut at this stage the greatest weight of crop is secured and the greatest possible amount of nutriment, but the hay is more woody and less palatable, although still relished by horses.

Timothy will be injured by close grazing at any period of the year, and especially will close grazing in the autumn lessen the crop the following season, whether the purpose is the production of hay or pasture. The grazing should begin quite early in the spring, because the main growth of the season is made during the spring and early summer months. Later in the season when the grass which has not been eaten down has headed, the fields should be mowed, as the partly matured plants are not relished by stock and the cutting also offers opportunity for renewed growth.

It is so easy to seed new fields to timothy in those localities where the crop thrives that little attempt is usually made to renew old meadows. Timothy will not respond well to disking and harrowing, which seems to benefit some grasses, because of the injuries which are likely to result to the plants by reason of the disk and harrow teeth coming in contact with the bulbous portion of the root which lies very near the surface of the ground. The grass, however, will respond readily to a top dressing of barnyard manure, and this may be applied with profitable results before the meadow has become old. There is no more favorable place to haul manure than on the meadow or pasture, and there is no crop which will respond more readily or make better use of the manure than the grass crop. In seeding down to timothy the rule should be to have the grass follow crops which have been given clean cultivation; such as corn, sorghum, Kafir, soy beans, cow-peas and root crops. The grass may also follow grain crops, provided the land is plowed soon after harvest and cultivated during the late summer and fall to kill the weeds and seeded early the next spring.

Timothy may be followed by almost any kind of a crop since the grass does not form a very stiff sod. Such crops as flax, oats, barley and perhaps field peas may be planted on timothy sod, but corn, sorghum and Kafir corn do equally well.

Turn the Hogs in the Orchard

One of the best ways of fighting worms and other insect pests of the orchard, aside from spraying, is to keep the infested fruit that has fallen under the trees, cleaned up. It will pay to gather these rots and windfalls by hand or hogs or other stock may be turned in to eat them. A great variety of insects will be destroyed in this way and that will mean fewer numbers to fight next year. No other method comes as near to controlling the apple maggot as this, as spraying will not reach it because the eggs are laid under the skin by the parent fly. The young maggot on hatching bores along under the skin and after the apple has fallen and is rotting it emerges and goes into the ground to transform into a fly the next spring. This pest works almost entirely on the sweet and early varieties of apples.

Good Spray for Melon Lice

This time of year plant lice get in their work on cucumber and melon vines. Their presence is hard to detect at first but they increase rapidly under favorable circumstances and do a lot of damage in a few days. Dr. Headlee, state entomologist at Manhattan, says the two most satisfactory sprays are a solution of laundry soap and water, and a strong tobacco decoction. For the former dissolve 8 pounds of soap in 50 gallons of water. The latter is a mixture of 1 part "Black Leaf 40" tobacco to 500 parts of water. Also dissolve soap in the latter at the rate of 4 pounds to every 50 gallons. Use some kind of sprayer and wet every part of the plant as the lice are usually on the under side of the leaves.

Trial trip until January 1, 1913, for 25 cents, Mail and Breeze, Topeka, Kan.

DUROC-JERSEYS.

Saline Valley Stock FarmAm booking orders for spring pigs, either sex; also a few choice fall boars and gilts. Pairs and trios not related.
J. LEE DUNN, RUSSELL, KANSAS.

POLAND CHINAS.

NORMAN BLUE 177691

For sale. The restest hard boar offer of the season. Let me tell you about this boar quick. W. E. Whaley, Steele City, Neb.

HILDWEIN'S BIG POLANDS

Herd headed by a great son 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 61191. Best of big breeding and individuality represented in my sow herd. Fall sale October 26.
R. B. DAVIS, HIAWATHA, KANSAS.**Manderscheid's Polands.**Fashionable blood lines. High-class individuals. Spring or fall boars; gilts, bred or open. Prices reasonable. Descriptions guaranteed. Write today.
E. J. MANDERSCHIED, St. John, Kansas.**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. KLINE, - Zeandale, Kansas.**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.**THE HOME OF CAPTAIN HUTCH.**

I am now booking orders for Spring Pigs, either sex, sired by Captain Hutch, King Hadley 2d, Hutch Jr., Mcuw's Longfellow Price, Panorambyler and A Wonder out of Long King's Equal sows and sows of the best big type breeding and immense individuals in size and quality. Order early and get first choice. Pigs shipped at three months old. Nothing but first class stuff shipped. Send for private sale catalog and prices. In buying at this age you save enormous express charges. C. W. JONES, SOLOMON, KAN.

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**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.**Poland Chinas That Grow Big**

Booking orders now for spring pigs—boars and gilts—by A Wonder, the 1,200-pound boar and out of 700 and 800-pound sows, some extra fine prospects. Also pigs sired by Big Joe and out of A Wonder sows. These are great. Get your order in early. They are going fast. Pigs shipped about 3 months of age. Write for my private sale catalog. It is a history of my herd, including the great A Wonder and his get.

HENRY FESSENMEYER,

CLARINDA, IOWA

Harding's Annual August Sale**Carson, Iowa, August 2, 1912**

Bred Sows and Herd Boars the equal of any ever offered by me. Their breeding and individuality represent all the popular and successful families of the breed and they are the product of the efforts and experience of a life time spent in breeding a utility type of hog. We have been constant in our efforts to maintain as great a size as possible. Scale and finish are cardinal principles with us in our breeding and in the

Sows Mated to Col. Gano

we know the buyer will reach the ne plus ultra of his breeding career, if he gives them the requisite care. If it's a herd boar you need come and look them over. We are selling

Sons and Grand-Sons of Ohio Chief

and other good sires and feel you can find something here to suit you. We extend a cordial invitation to you to be with us sale day. For catalog address

R. J. Harding, Macedonia, Iowa

Auctioneer—Col. Kraschel.

Grant Gaines will handle any bids sent him in my care entirely to your satisfaction.

BIG BARGAINS IN REAL ESTATE

Dealers whose ads appear in this paper are thoroughly reliable and bargains worthy of consideration.

3,000 ACRE improved ranch at a bargain for a short time. Cassoday Realty Co., Cassoday, Butler Co., Kan.

640 A. 1 1/2 mi. R. R. town. 80 a. 1st bottom; 200 a. mow land; bal. past. Well imp. Price \$35 a. J. W. Sturgeon, Eureka, Kan.

FOR BARGAINS in Marshall and Washington Cos., Kansas, land or any other county you want it, write PRALLE BROS. REALTY CO., Bremen, Kan.

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.

EMPORIA, KAN., is one of the best college towns surrounded by a good farming country. Send for list of farms and city property for sale. T. B. Godsey, Emporia, Kan.

80 ACRE home farm, 3 1/2 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.

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.

BARGAIN: 80 acres, 68 a. cultivated, balance pasture, 10 a. alfalfa, 6 room house, good barn and outbuildings. Price \$4,500, \$1,500 cash. Write for free list. W. G. STUDEBAKER, Salina, 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.

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.

BUTLER COUNTY, KANSAS, 160 A. New buildings, 80 acres in cultivation, balance grass, good alfalfa land, \$6,000, terms. BEATTY REALTY CO., Wichita, Kan.

GREENWOOD COUNTY BARGAINS. Alfalfa, corn and bluestem grass lands at the owners' best prices. TALBOT INVESTMENT CO., Eureka, 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.

SOUTHEASTERN KANSAS

is the place to go for good homes, low prices and easy terms. Send for full information. Address THE ALLEN COUNTY INVESTMENT CO., Iola, Kan.

A SNAP MUST GO.

160 a. near Hutchinson, first class corn, wheat and alfalfa land; well impr., good orchard. Estate must sell at once. Price \$12,500. B. M. Murphy & Co., Hutchinson, Kan.

BARGAIN—160 ACRES, WELL IMPROVED. 2 1/2 miles from town, good soil, all nice smooth, level land, all fenced, 40 acres pasture, balance in cultivation. Price \$7,000. Address GILE & BONSALL, South Haven, Sumner county, Kansas.

1,440 A. FINE ALFALFA FARM IN LOGAN COUNTY, KANSAS.

Good improvements, 20 ft. to soft water, creek, timber, etc. Sell part or all. A bargain. Easy terms, some trade. Address Owner, Box 162, Bloomington, Ill.

FORD AND HODGEMAN Co., Kansas, wheat land making 15 to 30 bushel wheat to the acre. Black loam soil, 65 to 90 per cent level as a floor; from \$17.50 to \$35 per acre. Write or wire me to see the land. You will sure buy. W. A. STURGEON, Hutchinson, Kan.

FIVE THOUSAND ACRES NEAR NEW RAILROAD AND COUNTY SEAT TOWN. Sixteen to seventy feet to water. Some alfalfa land. Good proposition for ranch or colonization. Write us about this and other lands.

LIGHT & STOUTER, Liberal, Kansas.

BARGAIN.

160 acres, good land, 8 room 2 story dwellings, good barn and outbuildings, well watered, shade trees, orchard, fine location, school across road, 3 miles from town, sure bargain at \$50.00 per acre. Send for list of bargains. F. C. LIBBY, Blue Mound, Linn Co., Kansas. J. L. Wilson, Salesman.

SPLendid FARM BARGAIN with an income. 192 acres fine land, fine improvements, 112 acres in cultivation, 35 acres pasture, 45 acres fine meadow, fine house, orchard and outbuildings. Leased for oil and gas, owner received \$600 per year royalty. Free gas for light and fuel. Price only \$80 per acre. D. C. DAVIS, Independence, Kan.

142 A. bottom land, no overflow; 30 a. tame grass that will make 3 tons to acre; 12 a. alfalfa; nearly all tillable; new buildings worth \$1,000; 4 mi. to Ottawa. Price \$70 per a. 30 a. well imp.; 5 mi. to town; sell with small payment; remainder time at 6 per cent. Price \$4,200. Do not wait to write, come at once. MANSFIELD, 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.

EASTERN KANSAS BARGAINS. Improved stock and grain farms; \$30 to \$65 per acre; write for list free. J. E. CALVERT, Garnett, Kan.

EVERYBODY'S DOING IT NOW. Buying wheat, corn, alf., land at bargain prices. Write us for list. L. E. Pendleton, Room 4, Commerce Bldg., Dodge City, Kan.

520 ACRES OF LAND FOR LEASE for 3 or 5 years. 235 acres bottom land in cultivation; 80 acres meadow, rest pasture. In N. E. Okla. Horses, mules and imp. to tend same; 16 head cattle. Write PAUL ACKERMAN, Chautauqua, Kan.

LINN COUNTY FARMS.

Biggest bargains in Kansas. Corn, wheat, timothy, clover, bluegrass land \$15 to \$80. Coal, wood, gas, abundance good water. Fruit and everything that goes to make life pleasant. Large illustrated folder free. EBY BROTHERS & CADY, Pleasanton, Kan.

BUY NOW.

Fine level wheat lands in Meade Co., 2 to 10 miles of town, at \$12 to \$17 per acre. Easy payments. 80 to 640 acre tracts. Some good bargains in small ranches near town. MARRS & DAY, Meade, Kan.

MONEY BUYS BARGAINS!!!

80 a. 6 mi. Moran, nice improvements, good water, rich soil, good orchard. Price \$50 per a. 80 a. adjoining good town, large orchard, good buildings, plenty of grass; an excellent dairy farm. Price \$85 per a. IOLA LAND CO., Iola, Kan.

320 ACRES FOR SALE. 6 1/2 miles from Preston, all fenced and cross fenced, 220 acres in cultivation, 100 acres in pasture; good 8 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.

FINE STOCK FARMS.

480 acres, 100 cult., 290 fenced pasture, living water, shade, 160 fine valley land, new imp., adjoins R. R. station, 6 miles Eldorado. Price \$35 cash. 280 acres, 80 finest creek bottom in alfalfa, 200 pasture, living water, new imp. 17 miles Eldorado. Price \$55 cash. V. A. OSBURN, Eldorado, Kan.

FARMS AND RANCHES.

440 acres, 4 miles from Le Roy, 60 acres bottom, 110 in cult., 6 room house, barn, fruit, water, \$29 per acre. 320 acres, 7 miles from Topeka, 7 room house, 2 new barns, fine soil, fruit and water, 90 acres clover. 80 acres, barn, house, 60 a. in cult., 25 a. fenced hog tight. About 60 miles from Topeka, price \$3,200. JONES BROS., 600 Kansas Ave., Topeka, Kan.

SEDGWICK COUNTY FARM BARGAINS. 280 acres, first bottom farm, fair improvements. This snap \$47.50 per a. Terms. 101 a. first bottom alfalfa farm. Well improved. 40 a. fine alfalfa one mile of city, 8,000 people. \$110 per a. Good terms. 320 a. improved best alfalfa or wheat land, \$65 per a. Half cash. 80 a. farm, good land; 20 a. alfalfa, good improvements, near Wichita, \$80 per a. For bargains in good farms call on or write H. E. OSBURN, 227 E. Douglas, Room 1, Wichita, Kan.

SOUTHEAST KANSAS FARM BARGAINS

Write today for free land list. Foster Bros., Independence, Kan.

LAND! LAND! LAND!

In Okla., Gulf Coast country and Kan. Prices low; terms easy. Exchanges made. JABEZ F. BRADSHAW, Lenexa, Kan.

FOUND A beautiful, smooth, level half section of land lying 9 miles from town that we can sell for \$3,600. The cheapest half section on the market; first class soil. No better proposition in the county. Who wants it? COONS & JACOBS, Plains, Meade Co., Kan.

408 Acres Fine Improved

5 miles to Arkansas City, Kan. 220 is fine bottom. Lots of fine alfalfa. If you want a good one ask about this. \$55 per acre. Can loan \$30 acre on this farm. WM. GODBY, Arkansas City, Kan.

You Can Buy Now

and get benefit of early advance in price. Choice lots in Plains, Kansas, today \$17.50 to \$50.00 on easy monthly payments. Will advance rapidly. It's a growing little city with a certain prosperous future. Let me tell you about it. Write today. JOHN W. BAUGHMAN, Plains, Kan. Desk G.

FARM LOAN in Central Kansas

Exceptional rates, terms and privileges, for we deal direct with our eastern customers. Drop us a card and we will be very glad to quote rates.

THE FONTRON REALTY COMPANY, First National Bank Building, Hutchinson, Kansas.

CHEAP KANSAS AND OKLAHOMA FARMS 1,440 a. improved, Okla., price \$30, all on time. Howard, The Land Man, Wichita, Kan.

MAKE \$2,400 IN 6 MONTHS.

That is what you can do if you will buy this fine 160 acres of rich black soil only 5 1/2 miles from the Wichita Union Stock Yards. This is good alfalfa land and has good improvements on it. The owner is a non-resident and is forced to sell. \$75 per acre will buy it on easy terms, will sell for \$80 per acre in six months. LEACH REALTY CO., 401 East Douglas Ave., Wichita, Kan.

OKLAHOMA.

EASTERN Oklahoma Indian lands. List free. Write F. S. Ashleman, Nowata, Okla.

FORTY YEARS' TIME at 4 per cent on Oklahoma school lands—now about to be sold. Get my free book "All About Oklahoma." Perry DeFord, Oklawaha, Okla.

FOR LEASE: 200 acres fertile Oklahoma bottom half mile from town of 3,000, long lease given for putting under cultivation. J. N. Roberts, Dept. Agr., Washington, D. C.

160 A. 4 mi. county seat, good improvements, 100 a. in cult., splendid water, price \$7,500. You can buy this place by paying \$1,000 cash and \$500 a year. J. H. FUSS, Medford, Okla.

160 A. close El Reno, high state cult., large field alfalfa, good improv. School on land. Rural mail, tele. Thrifty neighborhood. Place for home and family. Must be sold. Box 194, Muskogee, Okla.

KAY CO. bargains best in state. Fine homes. Good crops. List free. E. E. WOOD, Newkirk, Okla.

FOR SALE or trade for other land, a well improved 160 acres in Woods Co., Okla. Good soil, a good home, six miles from Kiowa, Kan. Write for description and price. Give description and price of what you have to offer in first letter. MARTIN STROMME, Kiowa, Kan.

120 ACRES bottom land. No rock or overflow. 6 miles city 4,000, this county, all in cultivation. 2 good houses, well, barn and orchard. \$25 per acre. Also 1,200 acres all prairie, 800 acres tillable, 200 cultivation, fair improvements, \$18 per acre. No exchange. SOUTHERN REALTY CO., McAlester, Okla.

FOR IMPROVED FARMS

in the garden spot of Oklahoma, write JOE CAKE, Hunter, Okla.

FOR BEST FARM LANDS

in Payne and adjoining counties, \$20 to \$50, write IRA STOUT, First National Bank, Cushing, Okla. Map and list free.

POCKET MAP OF OKLAHOMA

for five names of persons in-nding to change. Caddo county corn and alfalfa land. BALDWIN & GIBBS CO., Anadarko, Okla.

TERMS TO SUIT.

160 a. 7 miles of Medford, 4 1/2 miles of R. town, 35 a. fenced with 3 ft. woven wire in pasture, balance in cult., good orchard, small fruit, fine water and mill, 4 room house, large barn and sheds, 2 miles of school, some wheat. Good loose loam soil, good ALFALFA land. Write us for trades. BATTEN REALTY CO., Medford, Okla.

THE TROSPER DAIRY FOR SALE.

Adjacent to Ft. Sill and Lawton, good paying trade established. 35 choice milk cows, teams and wagon, all dairy equipments, including large separator. 20 acres choice land and buildings, arch stone cave, cistern and city water. Ideal dairy location adjacent to plenty cheap pasture. Will give easy terms on reasonable amount of price on entire outfit and all equipments, \$5,000. Improvements worth large portion of price, saying nothing of established trade. R. E. TROSPER, 713 "D" St., Lawton, 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.

Indian Lands for sale, 300 choice farms, N. E. Okla., low prices. Easy terms. Perfect title. E. T. TETER & 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.

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.

Public Auction Sale of Oklahoma State and School Lands

Beginning August 20, 1912, the Commissioners of the Land Office of the State of Oklahoma will sell at the highest bid, on forty (40) years' time at five (5%) interest, 195,293 acres of land in one hundred and sixty (160) acre tracts or less, located in Woods, Harper and Ellis counties. For further information address JNO. R. WILLIAMS, Secretary, Oklahoma City, Oklahoma.

TEXAS

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.

ARKANSAS.

CLIMATE, water, soil, none better. Write for Homeowners' Guide. Porter Land Co., Horatio, Ark.

IF INTERESTED in N. E. Arkansas farm and timber lands, write for list. F. M. MESSER, Walnut Ridge, Ark.

FREE information about Ark. general farming, fruit or stock raising land, at low prices. Virgil J. May, Booneville, Ark.

80 ACRES improved close to Bentonville. Price \$8,000, worth \$10,000. Easy terms. Write J. W. Grant, Bentonville, Ark.

BENTON CO., greatest fruit growing Co. on earth. 40 to 160 a. tracts. Write for list. C. R. Craig & Co., Bentonville, Ark.

80 ACRES improved, 50 fruit, bal. timber, near Rogers. Price \$1,600 for quick sale. Write E. W. Dawkins & Son, Rogers, 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.

FOR FREE INFORMATION about Arkansas fruit and general farming land, at low prices, on liberal terms, write us. New list free. Griffin & Wasson, Gentry, 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.

SEND 50 CENTS and get "Foot-prints from the City to the Farm in Arkansas." It is worth its weight in gold to the city man who is looking for a home in the country. G. M. N. PARKER, Rogers, Ark.

120 A. improved valley farm; 65 cult.; bal. timbered; all tillable; 2 a. bearing orchard; on public road; mail and telephone route; well and spring water; healthy; \$2,000. Terms easy. ROBERT SESSIONS, Winthrop, Ark.

PIKE CO., ARK.: world-famous as diamond and peach dist.; 80 a. 2 1/2 mi. Murfreesboro, Co. seat; fair imp., running water, famous red land—ideal soil for alf., corn, fruit. \$25 a. cash. Surrounding lands being leased for oil and gas, get in before boom starts. Fredricks Realty Co., Springdale, Ark.

900 ACRES good farm land on railroad, rural route and phone line. Part cash, part trade. Price \$10.00 per acre. H. M. McIVER, Texarkana, Ark.

DOLLARS don't grow on trees but they do grow when put in the cheap lands I have for sale. Any size improved or unimproved. Will ship several hundred cars alfalfa. Fruit and truck in July. Terms easy. L. B. ROBERTS, Blevins, Ark.

TRADE WITH OWNER.

128 acres well improved; 3 miles county seat; price \$3,000. S. H. McCULLOCH, Route Two, Prescott, Nevada Co., 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.

SOUTHWEST ARKANSAS.

If you want alfalfa, corn, fruit, timber and cut-over lands in large tracts, write GREEN & MILLWEE, Prescott, Nevada Co., Ark.

FARM AND FRUIT LANDS

In southwest Ark., ideal climate, abundant rainfall, beautiful crops; good homes and money-making investments. Lands \$1.50 to \$20 per a. LIST FREE. W. J. BARTON, (57 yrs. residence), Cove, Ark. (On K. C. S. Ry.)

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.

A FARM FOR YOU IN ARKANSAS.

40 acres GOOD LAND \$600.00, 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.

Map for 2c stamp.

BEAUTIFUL OZARKS OF ARKANSAS. Flowing springs, fertile valleys. Fruit, grain, timber lands for sale. Easy terms. J. C. MITCHELL, Fayetteville, 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.

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.

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.

See Highview Park this Summer

There are special, low rates to Denver all summer. You can see Highview Park and the Wonderful Colorado scenery, and enjoy the magnificent Colorado climate now at a very small cost. We want you to see Highview Park—we have literature telling you all about it, and we are glad to send you the literature, but there is no substitute after all for seeing the land with your own eyes—

If You See It, You'll Buy

If we can show you this splendid, fertile, irrigated tract, laying almost up to the splendid city of Denver, in the direction of the city's most rapid growth, we will do business with you. The land is right, the location is right, the water is there, the price extremely low. You'll probably never have another similar opportunity. Now is the time to see this great proposition. You can tell whether it is good when you see it, can you not? For further information, free literature, etc., address

The Denver Suburban Homes and Water Company
620 Commonwealth Building, Denver, Colo.
James Butler, Eastern Representative, 1230 Fillmore St., Topeka, Ks.

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.

MINNEAPOLIS

WE HAVE a 2,000 acre tenement farm near the Iowa state line, to trade for western ranch or city block. Has 10 sets of buildings. Big snap. Write Lakefield Land Co., Lakefield, Minn.

LOUISIANA.

5,000 ACRES choice improved farms; 40 acres up. 1/4 cash. Long time 6 per cent. W. C. Buchanan, Floyd, La.

NEBRASKA.

HOMESTEAD—320 acres rich farm land for \$175, filling fees and all. No sand hills. W. A. Tracey, Kimball, Neb.

ILLINOIS.

RICH Illinois land \$25 per acre. Address S. H. Morton, 706 Chestnut St., St. Louis, Mo.

NEW MEXICO.

FOR SALE—Our entire real estate business, paying over \$5,000 per annum and owning townsite of prospective county seat on railroad, an excellent opportunity; or will sell managing interest. Write MOSQUERO LAND CO., Mosquero, N. M.

FREE HOMESTEADS IN MOUNTAIN RAIN belt; rich, level land; shallow water; plenty of timber; near railroad town; the last chance of the homesteader; send quarter for full information. MOSQUERO LAND CO., Desk D, Mosquero, N. M.

FOR SALE OR EXCHANGE

GROCERIES and merchandise for farm. Other trades. F. Gass, Joplin, Mo.

I SELL or trade land or goods. Describe wants. F. H. Brown, Mound Valley, Kan.

EXCHANGES, all kinds, everywhere. What have you? Overlin & Son, California, Mo.

BUY OR TRADE WITH US—Exchange book free. Bernie Agency, Eldorado, Kan.

WRITE FOR LISTS, sale or exchange. The Eastern Kan. Land Co., Quenemo, Kan.

160 A. improved, in Anderson county, Kansas, to trade for live stock. Her & Simmons, Garnett, Kan.

BOOK 1,000 farms, etc., everywhere, for ex. Get our fair plan of making quick square trades. Graham Bros., Eldorado, Kan.

TO BUY or trade for wheat or alfalfa land at the lowest prices, write or see Hogan & Keplinger, Dodge City, Kan.

STATE UNIVERSITY. Buy house in Lawrence, Kan., while schooling your children. Large list, sale or ex. Fugate Land Co.

CAN GET YOU CASH for your property or an exchange no matter where located. Great Western Realty Co., Gallatin, Mo.

WANT FARMS, residence, stocks listed for exchange. I can help you. Ask for listing blank. A. W. Bremyer, McPherson, Kan.

FOR SALE OR EXCHANGE—Irrigated or unirrigated eastern Colorado lands at reasonable prices. Andrew Townsley, Holly, Colo.

WE DO exchange property. Can do it for you. Bargains in farms and city property. Write for list. Kuhlmann Realty Co., 331 East "D" St., Wichita, Kan.

600 ACRES well imp.; near town in central Kan. \$45 per a. clear. Want hdw., mdse. or smaller farm. Other reliable trades. Eberhard & Mellor, Whitewater, Kan.

WANTED; a good hotel. Have feed yard and mill in a splendid city in central Kansas, to exchange for a good hotel. Write for particulars. J. M. MASON, Columbus, Kan.

FOR SALE OR EX.; San Luis valley, Colo., subirr. land; no lack of water, immense crops, never fails, delightful climate. Write today. Box 36, Formoso, Kan.

FOR EXCHANGE—31 improved farms in Howell Co., Mo., all sizes. Write OAKS, Box 131, West Plains, Mo.

FOR SALE—Choice wheat, corn, and alfalfa lands, in Clark, Ford, and Meade Cos. Write for list, trades. NATE NEAL, Real Estate, Minneola, Kan.

FOR FARM LANDS AND EXCHANGES of all kinds address John Capper, Real Estate Agent, Lyndon, Kan.

FARM BARGAINS For sale or exchange, any size, price or where. We can match any trade. LATHAM & DORR, Wichita, Kansas.

FOR A QUICK SALE or exchange of real estate, address FRED J. HALL, Eldorado, Kan.

FOR SALE OR EXCHANGE. No. 5 SP, 160 acres six miles of Olden, a R. R. town, 100 acres in cultivation, 130 fenced, 7 room house, in good repair, large bank barn, and other outbuildings, well, cistern, and stock pond, good family orchard. School 1/4 mile. Perfect abstract title. Price \$6,000. Mortgage of \$1,600 at 6 1/2 per cent due in 1917. For more information write to Jas. B. Webb & Co., West Plains, Howell Co., Mo.

FOR SALE OR TRADE—Fine ranch 2,100 acres, price \$27.50 per acre. Want eastern farm that will rent for cash. Owner of this wishes to retire. Several ranches of this size to trade for farms east. BUXTON LAND CO., Utica, Kan.

MERCHANDISE FOR LAND. \$6,500 stock gen. mdse. and \$4,000 shoes and clothing. We have the following for mdse.: 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.

LAND TO EXCHANGE FOR DAIRY STOCK Timber and agricultural land in Southeast Missouri. Just drained by large canal, near R. R. station, six miles from county seat, that stands first in cotton, second in timber and third in vegetables, in the State of Missouri to trade for Dairy Stock. C. W. SETTLE, 504 New England Bldg., Topeka, Kan.

IMPROVED FARM FOR MERCHANDISE. 160 acres in Anderson Co., Kansas, 3 miles from town, 80 acres cultivation, 80 acres pasture and hay land, all tillable, well watered, smooth, good 5 room house and barn, good land, 1/2 mile to school. Price \$10,000. Incumbence \$3,000. Will trade this farm for \$7,000 stock clean mdse. in northern Kansas. WILSON & RESSEL Colony, Kan.

For Sale or Exchange

Good rich tillable land in Oklahoma. R. T. WRAY & CO., Tyrone, Okla.

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-Forsee Bldg., St. Joseph, Mo.

Trade Your Car For a Farm

I have 320 acres in Stevens Co., Kansas, 12 miles from Hugoton, county seat, to which Santa Fe extension is building. All smooth, no waste, dark heavy sandy soil, price \$4,500. Will carry \$2,000 until Jan. 1914, at 7 per cent, take good car up to \$1,200 and balance in cash. Not a real estate man. D. D. LAND, Liberal, Kan.

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 mdse. or hardware store, not exceeding \$20,000 to \$24,000. STEVENS & RUBY, Stockton, Kan.

COLORADO.

BEAUTIFUL irrl. farms, fruit, sugar beets, grain, alfalfa. Ordway Land Co., Ordway, Col.

2560 ACRES; bargain. \$12 per acre. South of Denver. 160 acres alfalfa; 240 acres more alfalfa; good imp. All good land. Terms. L. A. Cobb, 242 Century Bldg., Denver, 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 \$25 per a. Write for full information. Chas. M. Stark, Eads, Colo.

New Homestead Law

Get a 320 a. claim; Government only requires 3 yrs. residence now, 5 mo. yearly leave of absence. Relinquishments \$1.00 per a. up. LEPPERT LAND CO., Eads, Colo.

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.

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 3 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.

YOUR EXPENSES FREE.

If this ranch is not exactly as I represent it I will pay all your expenses to come and see it. There is 960 acres of deeded land and 1,040 acres state leased land. Improved with 7 room house, large horse barn, cattle barn 40x140 with large tight high board corral, bunk house and numerous outbuildings. Everything in the very best condition. Improvements can not be duplicated for less than \$4,000. Fenced and cross fenced, 4 miles from shipping point, 6 miles from fine town. Price \$8.00 per acre for deeded land, \$5 per acre cash. Lease to the state land goes with the sale of deeded land. Must be sold at once to close out partnership business. This is a sacrifice price for quick sale. Write at once; better still, come and see it before it is too late. CARL M. COOK, Limon, Colo.

MISSOURI.

FINE Howard Co. farms. None better. List free. C. C. Furr, Fayette, Mo.

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Crops and Farm Work

(Continued from Page 12.)

this part of county. Corn looks fairly well. Bugs are taking some Kafir. Cotton growing fine. Oats will average about 30 bushels.—A. M. Leith, July 20.

Pottawatomie County—Early corn made but late corn needs rain. Last rain July 6. Cotton doing fine and is the principal crop here. Stock in fair shape. Fat hogs and cattle scarce. Alfalfa hay \$10, new oats 90 cents per 100 pounds.—L. J. Devore, July 19.

Dewey County—No rain for two weeks and corn is getting dry. Early corn sipping. Kafir doing well. Small acreage of broom-corn out. Cattle in fine shape on grass. Wheat making from 3 to 20 bushels, oats 25 to 35. Plenty of fruit and potatoes.—Wm. Liston, July 19.

Kiowa County—Shock threshing is in progress and wheat runs from 15 to 25 bushels per acre. One farmer reports 40 bushels. Corn needs rain badly. Milo is heading. Kafir growing fast. Peaches abundant in all directions and sell at 50 to \$1.—Mrs. Alice Henderson, July 17.

Noble County—Corn looks fine but a good rain is needed here. Hard wheat making 15 to 30 bushels but soft wheat is poor. Bugs are damaging corn next to wheat fields and hoppers are bad in young Kafir and corn. Wheat 80 cents, corn 80, Kafir 80.—A. E. Anderson, July 12.

Choctaw County—Weather dry and hot. Corn fine and most of it is in roasting ear stage, but needs rain. Wheat averaging about 10 bushels. Cotton doing well. Oats fine and making an average of about 55 bushels. Plenty of feed. Cattle high and hogs scarce.—J. W. Jones, July 20.

Kingfisher County—Good rains covered part of county July 17 and corn is doing fine. Kafir and pastures are also in good shape. Some alfalfa cut the third time and made a heavy crop. Hoppers are bad in new growth. Wheat light and damp and brings only 72 to 78 cents.—H. A. Reynolds, July 19.

Custer County—Shock threshing of small grain about half done. Wheat yields range from 5 to 15 bushels. Oats are short. All growing crops doing well except corn which needs rain. Too dry to plow for wheat. Potatoes yielding well and melons promise a good crop. Wheat 65 to 75 cents, oats 35.—E. E. Baker, July 19.

Major County—Thrashing in progress and yields range widely. Early corn hurt by dry weather. June corn is fine and generally clean. Kafir in fair shape. Little cotton left. Broomcorn small and poor. Must have rain soon or crops will be badly damaged. Pastures getting dry. Peaches plentiful.—W. H. Rucker, July 20.

Tillman County—Weather still hot and dry but have had some local showers. Wheat about half threshed. P. P. Richardson threshed 22 1/2 bushels per acre from 160 acres, Gus Witte 33 bushels from 70 acres, Henry Witte 28 bushels, H. A. Scheller 13 bushels, E. Whately 12 bushels. Corn good but needs rain. Second crop of alfalfa selling at \$3. Wheat 80 cents, oats 28.—D. B. Munro, July 20.

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