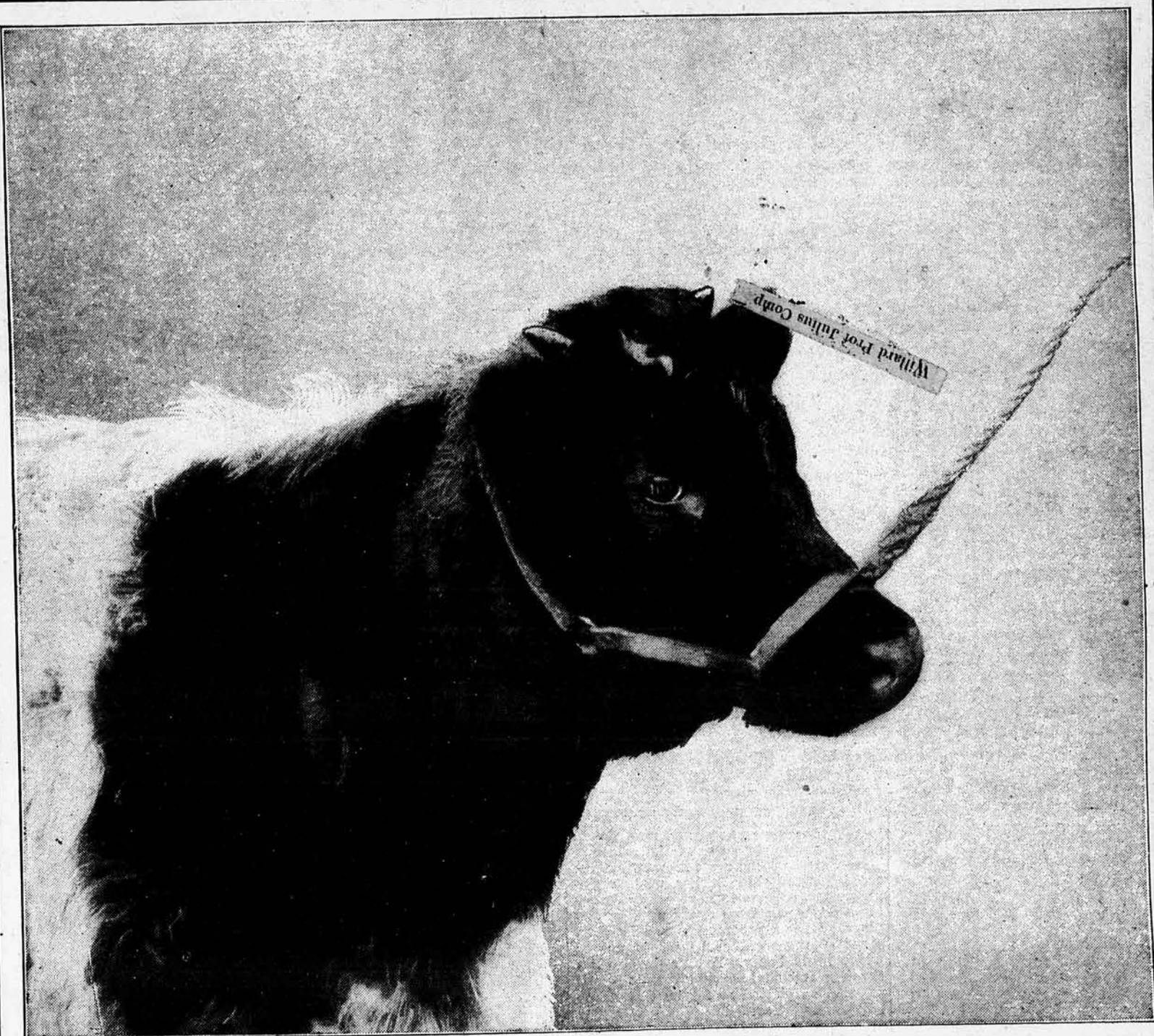


THE FARMERS MAIL AND BREEZE

Volume 42

July 20, 1912

Number 19



A Candidate for One of the Prizes in the Capper Boys' Baby Beef Club Special at the Coming State Fair

ONCE upon a time, before the coming of alfalfa, Kansas used to grow a good deal of timothy. Timothy makes excellent hay for horses and as it cures easily, seeds abundantly, is soon established, holds on well and is a standard market hay it has its uses even in a state as well supplied with forage crops as Kansas. Next week A. M. TenEyck will have a good article on this grass telling how and where it may be grown in the state.

Double the Rural Route Circulation of Any Kansas Farm Paper

No-Rim-Cut Tires

10% Oversize

100,000 Now Sold Every Month

Consider these facts, Mr. Tire Buyer:

No-Rim-Cut tires now far out-sell every other tire in the world.

The demand has doubled in the past six months. It is twelve times larger than three years ago.

The present demand calls for 100,000 tires monthly.

That is the result after some 200,000 motor car owners have tried out 1,250,000 of these patent tires. When you once try them you will use them, too.

Cut Tire Bills Right in Two

No-Rim-Cut tires mean immense economy. They save, on the average, one-half the tire upkeep.

They end all the worry and ruin of rim-cutting. And the 10 per cent oversize saves the blow-outs due to overloading.

These facts have now been proved by hundreds of thousands of users.

The Savings

Rim-cutting occurs on 23 per cent of all the old-type tires. That has been proved by careful statistics.

It occurs when tires are run partly deflated. When a tire runs flat, because of a puncture, it may be wrecked in a moment. And rim-cut tires cannot be repaired.

No-Rim-Cut tires—our patent type—make rim-cutting im-

possible. Thus they save that 23 per cent.

The 10 per cent oversize, under average conditions, adds 25 per cent to the tire mileage.

So these two features together—No-Rim-Cut and oversize—mean an average saving of 48 per cent.

Used on One-Third the Cars

About one-third of all cars running now have Goodyear tires.

More than one-third of all new cars this year go out with the Goodyear equipment.

And one-third of all cars at the 1912 Shows were shown with Goodyear tires.

Yet the demand is just beginning. It is three times larger than one year ago.

These patent tires are now being adopted just as fast as men find them out.

8½ Per Cent Profit

Our average profit on No-Rim-Cut tires is 8½ per cent.

These oversize tires—these tires that can't rim-cut—give more for the money than any other tire that's made.

Other makers—with smaller output and lesser facilities—make twice the profit that we make on tires.

Our 1912 Tire Book—based on 12 years of tire making—is filled with facts you should know. Ask us to mail it to you.

GOOD YEAR
AKRON, OHIO
No-Rim-Cut Tires
With or Without Non-Skid Treads

THE GOODYEAR TIRE & RUBBER COMPANY, AKRON, OHIO

Branches and Agencies in 103 Principal Cities More Service Stations Than Any Other Tire

We Make All Kinds of Rubber Tires, Tire Accessories and Repair Outfits

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.

Why Capper Is a Favorite.

Mr. Editor—There are a good many reasons why we should have Arthur Capper for governor of Kansas and I will mention some of them: He has been successful in business on a large scale and his publications are a credit to the state. He is, and has been in a position where he could study politics and politicians and knows the Kansas political situation from A to Z. He believes in enforcing the law and in a square deal for rich and poor alike. He is opposed

to resubmission as any good man should be who knows the curse of the saloon.

He does not believe in wasting the people's money by hiring useless employees but expects to have a day's work for a day's pay from every man he employs. He is a progressive man in every sense of the word or he would not be where he is today. Arthur Capper is a favorite around here and I may say is as good as elected so far as this neighborhood is concerned.

Ward J. Spencer.

R. 1, St. John, Kan.

Landlords Are Building Silos.

Mr. Editor—In Farmers Mail and Breeze of June 20, I saw an article by Mr. Hull on silos for renters. He is mistaken in what he says about landlords. The only silo we built in Woodson county, is for the use of a tenant and the landlord's reason for having it put up is to encourage the keeping of stock so as to maintain the fertility of his land. The same is true of the only silo contract we have in Saline county, and in fact more than 25 per cent of our work is the building of silos for landlords who want to encourage a better

class of tenants and keep up their soil fertility. All you need to do is to show your landlord that you will make good use of a silo to your mutual profit and he will be at least as likely to build as the resident owner.

George E. Hopper.

Manhattan, Kan.

Would Be Governor For All.

Mr. Editor—I think the whole Mail and Breeze family should stand by Arthur Capper for governor. A man such as he, if elected to the office, will not only help the small farmer but all laboring men and women as well. Any one doubting his knowledge of the needs of the people has but to read some of his publications and the platform on which he stands.

Homer Cotton.

R. 2, Cherryvale, Kan.

Rushing Children Through School.

Mr. Editor—I think the privilege of graduating from a high school, is all right so far as it concerns those children who are able to go on through high school. But I know dozens of country boys and girls that hurry and push to get through. They do not care to go to

high school, but are urged on by their teachers. Many graduate at the age of 14 or 15 considering their education finished. In my school days it was thought everyone should go to school until 20 years old and I cannot help think that the pupils of those days had a more thorough education than many of the children that are rushed through high school today. We used to take fewer studies but we mastered them. I do not think a child should be hurried through the country school for there is where the foundation of his education is laid.

Parsons, Kan.

Mrs. C.

Why Insect Pests Increase.

Mr. Editor—I recently visited in a community where there used to be thousands of crows but since bounties on crows have been paid they have been killed off in large numbers—not only crows but all kinds of birds. Last year the fruit trees in this locality were infested with worms that ate off the leaves. They are at work again this year where spraying was neglected and grasshoppers are thick in alfalfa fields. Has the disappearance of the crow anything to do with this state of things?

A farmer in that community told me that before this slaughter of crows began he used to see hundreds of crows in the alfalfa fields early in the morning. He says they were looking for hoppers and bugs. Now the crows are gone and the hoppers are eating the alfalfa. Some men contend that crows spread hog cholera, but the law says that dead cholera hogs shall be buried or burned, then there will be no danger from crows.

The government says that farmers lose 200 million dollars a year on grain crops because of the birds destroyed to trim women's hats. That represents only a small proportion of all the useful birds destroyed.

It seems to me it would be time well spent in school, Sunday school and church to teach the old as well as young the folly of destroying their friends and co-workers, the birds.

Bluff City, Kan. James Glover.

Curing and Handling Alfalfa

BY M. T. WILLIAMS.

[Written for Farmers Mail and Breeze.]

Mr. Williams writes: "A few years ago I thought I knew a good deal about alfalfa but I am finding what I knew would make a small book, what I don't know a large volume. However, my method of handling alfalfa may profit some of your readers."

I think the best way to cure alfalfa is to rake after the mower before the leaves get dry enough to shatter off. Then if the weather is favorable it should lay in the windrow one day, or at least a half day after which I begin shocking. Shocks are kept narrow at the bottom and built up about 4 feet by piling up the hay instead of pushing or rolling it together. Let it cure thoroughly in the shock. In this way only a small per cent cures out in the sun, it retains its green color and the leaves hang on.

When cured the sweeprake will carry it to the stack in little time and there is no hay left scattered about the field. Shocking the hay this way the man on the stack can handle almost twice as much hay and besides he can build a better stack as the hay from the shocks is in flakes and can be placed to much better advantage. The objection to stacking from windrows is that the hay is bleached and sunburned, a large portion of the leaves drop off, the horses tramp over the hay, and the sweeprake will not gather it up as clean as if in shocks. Some will object to the extra work of shocking but it pays well and it is surprising how soon a few men will shock up a 100-acre field.

The rake should not be allowed to take up more nor less than two mower swaths. Then the shockers can pick the hay up clean, a forkful in each swath. Some bunch hay with the rake but these bunches will not shed any water in case of rain while a good shock will not be damaged by an ordinary rain. For eight years I have handled four to five crops of hay each season by these methods and am convinced it paid me well.

M. T. Williams.

Medicine Lodge, Kan.

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



THE FARMERS MAIL AND BREEZE

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

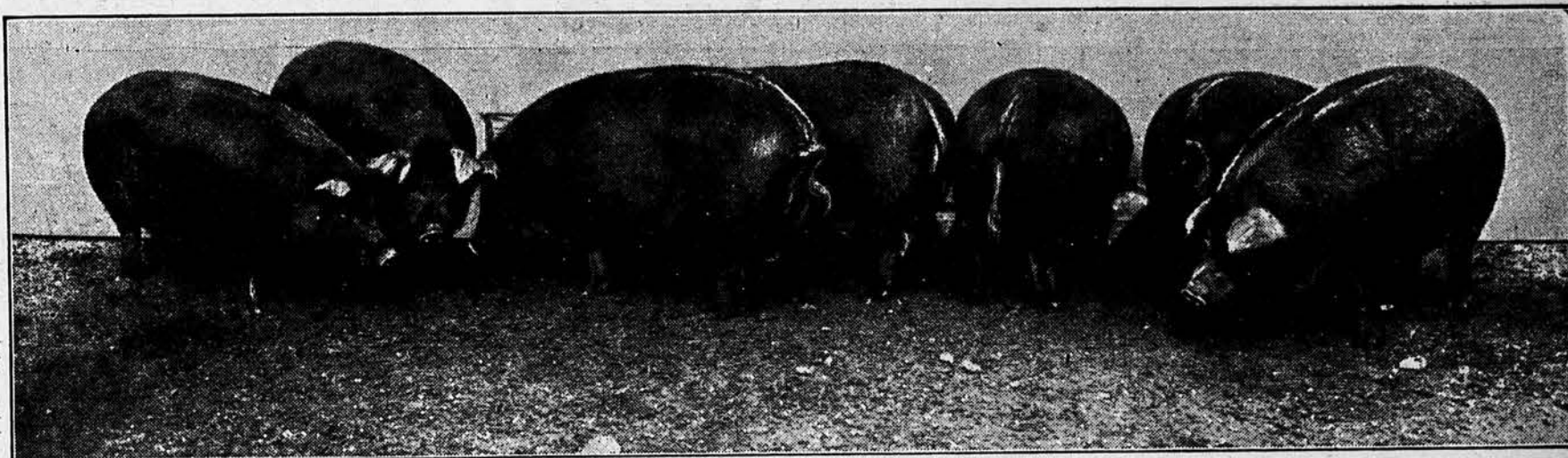


Volume 42
Number 19

TOPEKA, KANSAS, JULY 20, 1912.

Subscription
\$1.00 a Year

TO MAKE A GOOD BEGINNING IN SWINE RAISING



IN BUILDING up a herd of swine the first thing to consider is, are you going to raise a lard hog or one of the bacon type? There are four breeds of lard hogs and several breeds of bacon hogs to choose from. In Kansas more of us are raising the lard hog.

For the foundation of a herd I should get from one to five good sows. Get the kind you like best, but choose sows from a prolific strain known to be good sucklers and quiet mothers. Don't think you will have to secure any certain breed to get these requirements, for there are sows in all the different breeds that are good in this respect, and many that are failures when it comes to raising a litter of pigs.

The surest way to secure good hogs is to buy purebred sows, for they have a record which is of much value when it comes to making a selection. There is no record kept of the scrub. And whoever heard of anyone building up a herd of scrubs for a breeding herd? However, not all purebred hogs are good individually or as brood sows. The reason is that many breeders of purebred swine are not breeders. They are simply raising hogs.

To build up a herd you must use sires as near the type you want as possible. Whatever you do, don't use a sire of one type one year and one of another type the next. Don't outcross too much, for if you do you will soon find your herd going down instead of improving. By this I do not necessarily mean using a sire of one breed and females of another; for we find one man trying to build up a herd of swine with as much quality as possible, while another is trying to see how large a hog he can grow, regardless of anything but size. It is a fact, that outcrossing can be carried to an extreme and still use stock of the same breed, recorded in the same association, with the pigs eligible to record in the same association. We find for this reason that many breeders of purebred swine fail because they are not posted on pedigrees and never study them enough to be able to choose stock that will improve their herds, much less be able to furnish stock for the improvement of other herds of purebreds or even to improve a herd of grades.

You may ask what constitutes a good hog. I should say that a good hog is simply a machine used to convert your corn, alfalfa and other feeds into dollars or, as Coburn puts it, is the mint to coin them into dollars. This being true, the better your machine the more you can expect in return. When the average man buys a machine of any kind he wants one that will do the work it is intended to do in the best manner possible. If it is profitable to buy good machines to save your corn and alfalfa, then it should be to your interest to purchase a machine that will make the most dollars possible out of your crops. After much observation of the experi-

Written For Farmers Mail and Breeze

BY OSCAR F. OLSON

Saline County, Kansas

ence of others and several years' experience myself I find a hog of medium type the best machine to turn feed into pork, regardless of what breed it may be. For we find extremes in all breeds. Feeding quality is the most essential thing to consider, for the better feeding quality you have in the hog the more profits you can expect. The average feeder will agree with me that the pig which attains a weight of 200 to 300 pounds with the least amount of feed is the most profitable one to raise.

In choosing stock of this kind be careful not to select too coarse an animal, for coarseness means a hog that is not an easy feeder. There should be plenty of size, with finish, such as a good smooth coat and flesh inclined to mellowness when touched. The head should be wide between the eyes, which means a good disposition; there should be a good heart girth to make a strong constitution; a good strong bone with a short pastern, and the hog should stand on his toes. A hog of this type will be agile, able to take plenty of exercise.

However, a large bone is not always a good one. In fact, we find more bad feet in the extremely large boned hog than we do in hogs with a smaller but stronger bone. Pigs that have access to alfalfa all the time are seldom bothered with a weak bone. Attention also should be paid to the back of the hog. Not only is it important for a hog to have a good broad back to produce the maximum of the best meat, but the back should also be straight, or slightly arched, to be strong. A low or sway back indicates a weak one. Often we see a large hog down

with a weak back. In most cases it will be found that such a hog has a low back.

In the improvement of a herd nothing is of more importance than feed. It matters not how good your herd may be, if you don't use judgment in feeding you can never expect to keep up the standard, much less improve it. Don't feed too much corn to your breeding herd. A good alfalfa pasture in summer and a wheat or rye pasture in winter with alfalfa hay makes a pig develop into a strong, healthy animal.

If you are trying to improve a herd of grade or scrub hogs I advise you to buy purebred sires. The best are the cheapest in the end. If you are not posted on pedigrees you should buy of some up-to-date breeder and let him pick your stock for you; that is, if he is fair in his dealings. If he is not fair you will notice that his days in the business are short. I find that most men who are breeders of purebred stock are reliable. The better way is to decide on the kind of hogs you want to raise, then buy some purebred sows, not the everyday kind but the best. Then use common sense in handling them. After that you will never want to waste time and money, with a lot of mongrels.

BUTTERMILK AS A PORK-MAKER.

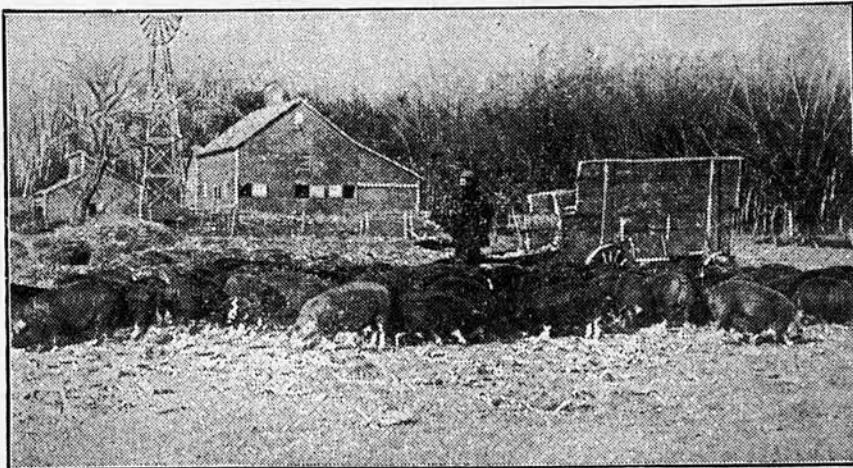
Mr. Editor—Last year I sold some pigs that at 7 months had an average weight of 225 pounds. These pigs were littered in April. For the first two weeks they were kept in separate pens, with their mothers, when they were turned out to pasture. When they were old enough they were taught to eat skim milk, mixed with shorts and a little oilmeal. When about 2 months old we began feeding buttermilk secured at the local creamery for 1 cent per gallon. We continued this feed for three months in amounts varying from 100 to 200 gallons three times a week. At first it was hard to get rid of that much buttermilk, but as they grew older it was hardly enough. I never have seen anything build up a hog quicker and cheaper than buttermilk. Along with it they were given their regular feed of corn, and all the time had the run of a small pasture. They were fed there until the first week in November, when they were sold, at which time they weighed 225 pounds and sold for \$6.40.

William Runders, Jr.

Clinton county, Iowa.

To the Peanut Growers.

How is that new crop, Spanish peanuts, doing in your locality? Many of our readers in the drier portions of the country are greatly interested in this new feed-maker and would welcome any information out of your experience so far. Tell how you planted them and what prospects you have for a crop.



MR. RUNDERS AND HIS "BUTTERMILK HOGS"

The Farmers Mail and Breeze

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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.

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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. Ads 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

WANTS ME TO LAND ON THE SOCIALISTS.

A subscriber writes me asking that I attack the Socialists because, as he says, they are anarchists; because they are in favor of negro equality and are freelovers.

There may be men who call themselves Socialists who are really anarchists. This man Haywood who publicly declares that he is opposed to law and that he would destroy the government if he could calls himself a Socialist but it seems to me that his proper place is with the Anarchist party.

The educated Socialist, and many Socialists are highly educated men, is the exact opposite of the anarchist. The anarchist is against all law. The consistent, educated Socialist believes in regulating nearly everything by law. Perhaps the strongest objection that can be made to the theory of Socialism is that it places too much dependence on law.

The educated Socialist who is generally a high minded idealist, believes that the evils we have are the result of the system that at present governs society. He believes that if we could substitute his co-operative government for what he terms the capitalistic government, crime and wrong doing would cease.

My own belief is that he is placing entirely too much dependence on his proposed system and taking too little account of the inherent weakness and selfishness of human nature. In other words, I believe that if he could establish his ideal co-operative commonwealth he would find that human selfishness and cunning and greed had not been destroyed by the change of system and that the irreconcilable conflict between the forces of good and evil would still go on; that the greedy, selfish and unscrupulous would still find ways to take advantage of their neighbors. However, because I do not believe that this idealist would realize his beautiful dream, is no reason why he should be abused or misrepresented.

The co-operative idea is fundamentally right. We are coming to recognize that fact more and more. It may take a century to educate the majority of men up to the point where they can see that it is far better to work together than to fight each other; that war with guns is the acme of folly and wickedness, and that industrial warfare is little if any better, but the time will come when these truths will be generally recognized.

I do not know just what my correspondent means by saying that the Socialists are in favor of negro equality. Their national platform does not make any declarations on the race question. I did notice a statement, however, by Debs, the Socialist candidate for president, to the effect that a black man ought to have the same rights under the law as a white man.

On this point I certainly most heartily approve of Debs's statement. It is an outrage that there should be a state in this Union where any man is deprived of his political or civil rights solely on account of the

color of his skin. A man may forfeit his rights as a citizen by his conduct. By reason of criminality he may properly lose the privileges that belong to an American citizen. To that punishment I have no objection, but it is infamous that any man should be deprived of his rights under the constitution simply on account of the color of his skin. If that is what Socialists believe, then I commend them.

It is not very popular these days to say anything in favor of doing just common justice to a black man. I am glad to know that Debs is willing to stand up for what is just even if it is unpopular.

No doubt there are freelovers among the Socialists, but I cannot see where the doctrine of free love has any part in the Socialist philosophy. I can readily see where it would fit in with anarchy, for the anarchist would remove all legal restraint, but among the Socialists with whom I happen to be acquainted there are no freelovers so far as I know.

JAMES A. TROUTMAN.

James A. Troutman, commonly known among his intimate acquaintances as Jim Troutman, is a candidate for the nomination for state senator in the Shawnee district.

Jim Troutman is a man of conceded ability. He is one of the best speakers in the state of Kansas and I have always found him to be a man of good judgment and more than ordinary fairness. On the important question of selection of United States senator he heartily agrees to vote for the man who shall receive the highest preference vote among the electors of the state regardless of his politics. This amounts to permitting the people to choose their own senator.

On other matters that will come up for consideration in the legislature his wide experience and marked ability will, I feel certain, be of marked benefit to the people not only of his own district but of the entire state. For these reasons I would like to see him nominated and elected state senator.

A PEOPLE'S BANK.

I have noted in a previous issue that both the national platforms hint in a vague way at a plan for getting cheap money for the farmers. Neither platform, however, suggests a plan by which it may be brought about. The Baltimore platform declares its opposition to the Aldrich plan, which is all right so far as it goes, but after making this declaration it trails off into a weak, meaningless jumble of words.

I defy any man who wants to see the tremendous burden of interest that now rests on the backs of the people to get any comfort out of either the Chicago or Baltimore platforms. The Aldrich plan is bad enough, but barring the fact that if adopted it will fasten permanently on the country a banking trust, it is no worse than what we have now. In fact, it might even be better than what we have now, which is just about as bad a system, in my opinion, as we could have unless we were to go back to the old irresponsible wildcat banks and wildcat currency that we had before the war.

It is not enough to simply denounce the Aldrich plan. What we want is a plan that will be infinitely better than the Aldrich plan.

More than a year ago I suggested the idea that states and municipalities should be permitted to deposit their bonds in the United States treasury as national banks are now permitted to deposit bonds and have issued to them currency based on those municipal bonds. My idea was that these bonds should run to the United States; that they should bear a small rate of interest, not more than 2 per cent, payable to the government. In other words, that the government instead of doing as it does now in the case of national banks, viz., letting them have money without cost and paying them interest on it in addition, should derive a revenue from its sovereign power to issue money.

The money thus issued to the states and municipalities should be used first to pay off their outstanding bonds, thus reducing their interest rate from 4, 5 and 6 per cent to 2 per cent. The rest of the money thus obtained from the government should be used in necessary public improvements or could be lent to private individuals on approved securities.

I am in receipt of a clipping from the Texas Farm and Ranch which shows that others are thinking along nearly the same line. The article referred to goes on to say that up in Jackson county, Oregon, the people decided that they wanted a comprehensive system of good roads. They voted to issue 1 1/2 million dollars in 6 per cent 20-year bonds. This would mean the payment of \$90,000 per annum interest for 20 years or a total of \$1,800,000 interest in addition to the 1 1/2 million dollars principal, a total of \$3,300,000 to be taken out of the pockets of the people of that one county. These bonds were declared unconstitutional by the supreme court of Oregon because they were voted at a special instead of a general election.

A resident of the county, Mr. Scott, then suggested a plan by which the people of Jackson county could get the money for the roads without having to shoulder this enormous burden of interest. His plan is simply this—and I may say that it accords with the plan suggested by myself more than a year ago in its essentials: Mr. Scott proposes to organize the people of Jackson county into the "Taxpayers' National Bank of Jackson county, Oregon." He would have the people of the county vote \$3,300,000 of 20-year, non-interest bearing bonds and the Taxpayers' National Bank would then deposit these bonds in the United States treasury and on them have the govern-

ment issue just as it issues to other national banks, bank notes to the amount of the bonds.

It may not be known that it is not necessary under the present national bank law to deposit United States bonds in the treasury as a basis for bank note circulation. "Other approved securities" may be deposited. Under the plan suggested by Mr. Scott the people of Jackson county would own the bonds themselves. They would not be subjected to the burden of interest and would have the immediate use of more than twice as much money as they would have under the present system of voting interest bearing bonds to be held by private capitalists.

His plan provides for the levy of a small tax to provide a sinking fund with which to take up the bonds when due. The cost of this money to the people of Jackson county would be the same as the cost to the national banks in getting their currency printed and issued by the government, which amounts to one-half of 1 per cent.

Oregon has the Initiative and Referendum. Mr. Scott proposes to amend the constitution of the state by means of the Initiative and Referendum so as to permit the organization of such a county bank as suggested.

In connection with the same subject I am in receipt of a letter from Graham Young of Muskogee, Okla. Mr. Young has given the matter a good deal of thought and agrees substantially with the plan set forth in the Mail and Breeze and follows out pretty closely the plan of Mr. Scott of Oregon.

The constitution of Oklahoma provides that the state may engage in any business or enterprise for the welfare of the people except agriculture. Mr. Young says:

Under this provision it seems to me that the state might establish a bank of issue under the present national banking law. However that may be, it seems obvious that the state could engage in a number of enterprises by which the public welfare would be promoted if the national banking law could be so amended as to allow the states, as well as the national banks, to issue credit money on security furnished in the form of state bonds.

Suppose that the national banking law could be so amended as to provide that the state could issue bonds to the extent of 1 per cent of the taxable property of its citizens, and that these bonds, payable in gold in from 20 to 50 years, should be deposited in the United States treasury in exchange for credit money to the amount of the issue. Oklahoma might in this manner make available the unused credit of the state to an extent sufficient to relieve its citizens of considerable financial embarrassment at this time. If several million dollars were thus made available the state might purchase a considerable portion of the Oklahoma wheat crop as it came on the market and hold it in the same manner as has been done by the Brazilian state of Sao Paulo in the "valorization" of its coffee crop which has enabled it to successfully bull the markets of the world on that product.

With similar constitutional provisions, Kansas and every other wheat growing state might do the same to a considerable extent. At least the states could build warehouses and elevators which might serve for storing in season various crops upon which advances might be made while they were being held out of a market under the control of international manipulators of finance and commerce.

The uses to which such issues of credit money might be put in the interest of the people are innumerable. The building of roads, the opening of western rivers to navigation, the draining of swamp lands and the irrigation of semi-arid regions are some of the more important enterprises to which capital thus secured might be applied. No public enterprise of any moment can now be undertaken without an issue of bonds which are discounted liberally by the eastern Shylocks or contemptuously denied consideration while the securities of the syndicated corporations, embracing unlimited quantities of watered stock, are given the preference in the distribution of the surplus capital of the country accumulated in the central banks under the present financial system.

A FARMERS' CONFERENCE.

It has been urged that one of the reasons farmers have not enjoyed greater prosperity than they have in the past was the lack of co-operation among them. Possibly more than men in any other line of business farmers have been inclined to go it alone, each farmer marketing his own product without much reference to what any other farmer may do.

In every other line the tendency is to get together, to co-operate. Business men have discovered that it pays better to co-operate than to fight each other. It is asked why if this is a good policy in other lines of business, is it not a good policy for the farmer? Also if it is a good thing for men in other lines of business to get together and discuss the best methods of conducting their business, why is it not also a good thing for farmers to get together and talk over the best methods of conducting their business?

To go a step farther: As farming is the foundation of all prosperity, men in other lines of business ought to be interested in the welfare of the farmer. If so it would seem that it ought to be a good thing for farmers and men in other lines to get together and hold conferences for the common good. A movement of this kind has been started. How much, if anything, will be accomplished, remains to be seen. A committee of 42 Kansas men has been formed for the purpose of making arrangements to hold a statewide conference of farmers to assist in creating interest in the movement undertaken by the Kansas Agricultural college, the state board of agriculture, the Kansas university, the County Farmers' institutes, and other organizations to increase the productivity of the soil.

The committee will hold a session at the Bison hotel in Hutchinson at 10 a. m., Friday, August 2, to decide upon the scope of the conference, to arrange the program, to fix the time for the gathering, and to select the place of meeting.

The committee is composed of men generally

known over the state, mostly farmers, the first two names being those of the president of the State Agricultural college and the president of the state board of agriculture. The list of committeemen follows:

H. J. Waters, Manhattan; I. L. Diesem, Garden City; Albert Wulfekuhler, Leavenworth; T. M. Potter, Peabody; James N. Fike, Colby; T. A. Hubbard, Wellington; Charles E. Sutton, Lawrence; Edwin Taylor, Edwardsville; F. W. Blackmar, Lawrence; Charles F. Scott, Iola; A. L. Sponsler, Hutchinson; W. J. Bailey, Atchison; George B. Plumb, Emporia; E. L. Barrier, Eureka; J. H. Miller, Manhattan; George B. Ross, Alden; E. E. Frizell, Larned; W. Y. Morgan, Hutchinson; James Robison, El Dorado; W. W. Cottingham, McPherson; J. C. Nicholson, Newton; H. J. Allen, Wichita; F. C. Pomeroy, Holton; T. A. McNeal, Topeka; H. B. Henderson, Columbus; N. B. Sawyer, Cherryvale; H. B. Lunt, Burden; S. C. Hanna, Howard; T. A. Borman, Topeka; J. R. Koontz, Topeka; S. B. Haskins, Gardner; Thomas W. Morgan, Ottawa; E. D. King, Burlington; Ed S. Webster, Manhattan; L. F. Parsons, Salina; D. Ballantyre, Herington; F. A. Dawley, Waldo; A. M. Ten Eyck, Hays City; M. M. Sherman, Crawford; W. J. Fitzgerald, Dodge City; T. H. Fawcett, Norton.

It is likely that the farmers' conference will last two days, and an effort will be made to have from 1,000 to 1,500 delegates. The best talent in the United States will be engaged, and the subjects discussed will include all the important phases of farm activity.

"The conference will be in the nature of a revival," said President Waters of the State Agricultural college. "The latest farm ideas will be presented by experts, the delegates will exchange confidences regarding experiments made, and every farmer participating will carry home suggestions which will be most helpful to his business. I speak of it as his business, which it is. And my prediction is that conventions of farmers to discuss their business will be as common in the future as are conventions of bankers and merchants and others who have frequent gatherings to adopt the best methods for the growth and development of their business."

Topeka, Wichita, Hutchinson and Salina already have indicated that they will ask for the conference. The first meeting of the committee will be held at the Bisonte hotel, Hutchinson, on Friday, August 2, as stated, to decide on the scope of the proposed state-wide conference.

SUGGESTS A CHANGE IN THE PRIMARY LAW.

Editor Mail and Breeze—Ever since reading your advice to the young man about to cast his first vote I have hoped to see a "Passing Comment" dealing with another very obvious phase of the same case. So far I have hoped in vain. Such an article would be very timely. I refer to the relation of such a young man to the nominating or primary election.

As I recall it, your advice was to vote for the man, and not for the party. Very good advice and in keeping with the spirit of the times. But if followed it may get the young man tangled, if not mangled, in some of our political machinery. Perhaps the remedy is to change the machinery. Our primary election laws allow none but members of a party to help nominate that party's candidates. Hence, our young man, not belonging to any party, can help nominate only independent candidates, and that is generally equal to making no nominations at all.

Old timers like you and me, who now vote for men rather than party, may, when asking for a nominating ballot, ease our consciences by trying to persuade ourselves that we are still in the old party; but if such a feat does not dislodge our Adam's apple, it is still so difficult that it can hardly be expected of a youngster who has never belonged to any party. And particularly when he has staring him in the face an "I, —, do solemnly swear that I am a member of and am affiliated with the — party, etc.," and takes this oath in the fear of the pains and penalties of perjury.

Often, and perhaps generally, the voter at the August primary has far more influence in the selection of officials than the voter at the November election. But this young man of independent mind is practically forbidden the influence granted to every blind partisan.

Two years ago many Democrats wanted Bristow for senator. But they were not permitted to help nominate him; and if he had failed of nomination for lack of the votes they were anxious to give, they would have had no chance whatever to register their choice.

In the last legislature a bill was introduced providing that any voter might vote without question any party ticket at the primary. At one time it received quite substantial support, but some of that support weakened, for fear of the unknown and far-reaching consequences if the bill became a law.

The restrictions we place around party nominations are a relic of the time when we thought of party first. Probably most people still think that parties are necessary in our government. It is not long since we thought that nominating conventions were necessary; but we know better now. Under the convention system a few men selected our officials. Under the combination party and primary system the officials are chosen by a majority of one party—the people at the November election simply saying which party's choice they prefer.

We are on the right road but we have a long way to go yet, and we ought to keep pounding away at it until the majority of the people really rule. Some day when you feel like it, Mr. Editor, I hope you will tackle this subject and see what you can make of it.

Marysville, Kan.

I am a believer in widening the scope of the primary law. I believe that it would be better if the primary ballot were really a secret ballot, just as the ballot at the general election is a secret ballot. In other words I would print all the primary tickets on one ballot as all the tickets are printed on the Australian ballot at the general election and let each voter decide for himself who he will vote for as nominees for the various offices.

As it is now, men who are not very conscientious do not scruple to call for the primary ballot of another party than their own in order to vote for some man they especially desire to see nominated, while the more scrupulous voter will not do that.

Under the present system the independent voter

is disfranchised at the primary. A voter may adhere in a general way to the principles of the Democratic party, or to the Republican party, or to the Socialist party, or the Prohibition party, but there may be some person who is a candidate on the primary ballot of some other party than his own whom he prefers to the person who is seeking a nomination on his own ticket.

He intends to support that person at the polls if he gets the opportunity, but he cannot support him unless he gets a nomination on some party ticket. Is there anything wrong in giving him the opportunity to help that person who is his preference to get a nomination? It is true, of course, that he could write that person's name in the independent column on the Australian ballot, but his vote would be thrown away, for unless the person has a nomination on a regular ticket he has no show whatever of election.

I know that it is urged that this would give the opportunity to partisans to help nominate a weak man at the primary in order to beat him at the general election. This objection has not much weight with me. I do not believe that any considerable number of men would vote for a weak, dishonest or incompetent man for a nomination in order to defeat him afterward. Under our system of government we must finally depend on the integrity of the voters and we might as well depend on that integrity all along the line.

It is urged that it would disrupt party organization. I do not think so. If it should, however, shatter party solidarity to some extent that would not, in my opinion, be an unmixed evil by any means. In other words, I regard independent, intelligent individual action as of more importance than party regularity.

Truthful James

"I hev been noticin'," said Truthful James, "this talk of the doctors concernin' the prolongation of human life by the graftin' process—that is, when a part of a man gets old, take out the wornout part and slip in a new piece. In this way the doctor who wrote the article figures that eventually it will be possible to keep a man livin' right along forever. Of course finally all the old parts of a man would be taken out and he would be an entirely different individual from what he was when he started out, but probably he wouldn't notice the change, it being so gradual.

"However I'm here to substantiate the ideas of these here doctors who are gettin' so much worked up over this new theory. I tried it once on a dog. I had a hound dog I thought a heap of and didn't want to lose him. However age was beginnin' to tell on him some, and then with chasin' and fightin' coyotes and badgers and bears and other wild animals he had a tolerable strenuous life. It was a-wearin' on him and I saw plain enough that unless I could do something to rejuvenate him he was a gone dog.

"It occurred to me that if I could slip a lot of new pieces into that hound to take the place of them that was worn out I might make him last a long time. I commenced a regular system of substitution. My dog didn't seem to have the appetite he ought to have and so I caught a young, vigorous coyote, took the stomach out of my dog, and substituted the stomach of the coyote.

"It worked all right, too. That dog would eat at anything after that, but he began to develop new traits. He wanted to run round at nights and while he was a greyhound and never had barked or howled any before, after that coyote stomach got into operation he would go out and bark and howl at night.

"His legs seemed to me to be gettin' more or less wobbly so I cut them off and grafted on the legs of a bull-dog that there was in the neighborhood. It wasn't my choice, my notion bein' to graft on the legs of some other kind of a dog, but the bull-dog was the only kind that was available at the time. It made that dog look sort of curious with his hound's body and bulldog legs, but he was gettin' on all right so far as health was concerned.

"After that he got his tail caught in the chain drive of a bicycle and mangled considerable. I cut that off and grafted on the tail of a shepherd dog. After that his sight commenced to get dim and I took his eyes out and replaced 'em with the eyes of a young rat terrier. After awhile his spine seemed to me to be affected and I spliced together the backbones of a setter dog and a pointer and put the splice in place of the backbone of my dog.

"When his liver seemed to be failin' some I took that out and slipped in the liver of a Siberian bloodhound and when I discovered that his lungs didn't seem to be entirely sound I opened him up, took out his lungs and substituted the lungs of a young calf.

"Well, by and by, I took a sort of inventory and discovered that there wa'n't a single piece left of the original dog. But that wa'n't the worst of it. That dog was so mixed up that he simply didn't have any definite ideas about anything. He was in worse shape than a political convention where nary two delegations can agree.

"When he undertook to express himself in his language he discovered that he hadn't any regular

language. The noise he made was a mixture of the bay of a bloodhound, the bark of a coyote and the bawl of a calf. The animal didn't know whether he was bawlin' for milk, barkin' at the moon or bayin' on the trail of an escaped criminal. He had a mixed tendency to go out and hunt for jack rabbits and stay round the barn and look for rats.

"I never saw a dog so torn up with conflictin' emotions, especially after I took out his brain and substituted fur half of it the brain of a tom cat and for the other half a lobe of the brain of a fox terrier. After that there was a part of the time when he seemed to want to chase himself up a tree and part of the time he wanted to sit out on the backyard fence and try to yowl.

"Well, sir, I saw after it was too late that I had made a mistake. I hadn't treated that dog right. I had mixed him all up so that he didn't have any definite idea about anything. When he sort of wanted to do one thing something else that was in him would begin to pull back and start him off in a different direction. He had some of the instincts of the chase but his bulldog legs that I had grafted on made him reluctant to do anything except sit in the front yard and watch for an opportunity to bite a chunk of meat out of a tramp.

"No, sir, it wasn't right and I have always regretted it. And that is what I am afraid will happen if these doctors start in on this graftin' business. They will get a man all mixed up with a lot of different dispositions in his frame and he won't know where he is goin' nor whether he's afoot or on horseback."

I SHALL VOTE FOR THE ROOSEVELT ELECTORS

It has been stated in several newspapers that I am supporting President Taft, which is incorrect. The only statement from me on this question, was on June 28, when I said that I was opposed to the organization of a new progressive party in Kansas for the reason that the Republican party in this state is already thoroughly progressive and a third party is unnecessary.

I am a Republican and shall abide by the action of the representatives of my party in this state. We sent our delegates to Chicago to represent Kansas and to name a candidate for president. They have reported back to the Republicans of Kansas that the national committee illegally and dishonestly made up the convention roll, that the supporters of President Taft obtained control of the convention through fraud, that they themselves refused to participate in the proceedings and that a nomination by that convention is not binding upon any Republican. This report now goes to the Republicans of Kansas. The party holds its regular primary election in August, at which time the presidential electors will be nominated.

Nine of the ten Kansas members of the electoral college who had already been regularly and formally nominated by the state and district conventions are avowed progressives. Naturally, they are expected to indorse the action of Kansas progressive delegates in Chicago and decline to recognize the nomination there made. But there was still time to nominate other Republican electors and the members of the party who felt that the action of the Chicago convention was binding upon them, lost no time in naming Republicans who could be depended upon to stand by the Chicago nominee.

It seems to me that this puts the whole matter up to the individual members of the Republican party. It's a case of party referendum. The action of our representatives in Chicago is before us and now we have an opportunity in August to say what we think about it.

And it seems to me that as Republicans we ought to accept the situation as it is, with a supreme belief in the right of the members of the party to register their will and a supreme faith in the justice and the righteousness of their decision.

The situation presents an issue which every individual Republican must determine for himself, squaring his action with his own conscience. Personally, I have no desire to straddle this question. I do not intend to "gum-shoe" my way into a nomination for the governorship. Voters want to know exactly where a candidate stands and it is right that they should. So I say frankly that I shall continue to support the Roosevelt presidential electors in the primary because in doing so I not only express my approval of the action of the Kansas delegation at Chicago, but am voting for the progressive electors who were fairly and regularly nominated at the Republican state and district conventions in Kansas. Furthermore, by so voting I am able to express my disapproval of the robbery practiced by the national committee in making up the roll of the convention.

I think I know the temper of the Republicans of Kansas. They are in no mood to stand any political jugglery this year. We should not fool ourselves with the idea that any appeal to "party loyalty" will stampede the voters into line. This is not the year for forensic fireworks. I believe the rank and file of the party have a pretty well-defined notion of what they want and they are going to do their everlasting best to get it.

Arthur Capper



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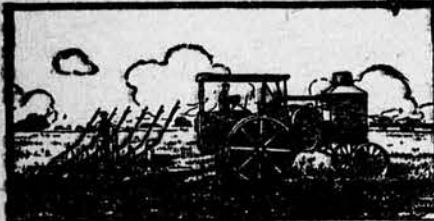
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BY H. C. HATCH, GRIDLEY, KANSAS.

We like to get the experiences, views and opinions of "our folks" on any farm or livestock subject particularly if reasonable 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 rain this week bids fair to make the largest prairie hay crop this section has seen for years. The chigger crop already stands at more than 100 per cent.

Every region seems to have its own peculiar pest. Here we have the chigger. In the north the chigger is not known but the mosquito makes life miserable during the evenings.

What is really the best thing to put on chigger bites? There are a number of different remedies, some of which seem to do the work for some people but not for others. Some use gasoline, some soda dissolved in water, some peroxide while others swear by hyposulphite of soda. And there are a few fortunate people whom the chiggers do not bother at all.

When we tell you that one dealer in Gridley has shipped in a full carload of bale ties you may know that there is going to be some hay baled in this township. A full carload of ties will wrap up so much hay that we don't like to figure on the amount.

The potato crop is another that is made. We were digging in our main field yesterday and found that the spuds were already of good size and there is moisture enough in the ground to fully make the crop. So far as moisture is concerned oats are made, hay is made, wheat is made and in the shock while flax needs no more rain to make a crop. All we ask now is a few timely showers during this month and the next and corn and Kafir will follow suit.

We would like to see full corn cribs again this fall. For the last two years most of the farmers have had to skimp on corn partly because of light crops and partly because the high price did not allow it to be fed freely at a profit. While high-priced corn is a good thing for the man who has it to sell, it is not a good thing for the great majority of farm animals. But in spite of high-priced grain we see far fewer poor horses than we used to when corn was 25 cents a bushel.

The writer is not afraid to plead guilty to a sneaking wish to crawl into some cellar when the lightning tears around as it has been doing in these parts lately. We are not so afraid of wind storms as some, probably because we were never in a bad windstorm, but we do plead guilty to a fear of lightning especially when we are caught out in the field with a team with the lightning popping so that the team jumps clear off the ground every time a crash comes.

A neighbor had one horse killed this week, the other horse of the team knocked down and was himself thrown from the cultivator by a stroke of lightning. It is bad to lose a horse in this manner but thankfulness for so narrow an escape takes off something from the loss. A number of years ago we used to boast we were not afraid of lightning, and we really were not, but one evening a bolt knocked us down and since that time we have had a wholesome fear of getting hit again. So now when we see folks afraid of storms we do not jeer at them; we think perhaps they have felt the effects of some bad storm and know if they have they can't help fearing a repetition.

We confess to having considerable faith in lightning rods and paid a pretty good sum to have them put on our barn. We feel safer during a hard thunder storm for knowing they are on the barn but of course there is a doubt always that they may not do the business. If they are all the makers say they are every barn in Kansas should be rodged but if they are not we would all like to know it. We go something on the effect rods have had on the Washington monument. Before it was rodged it was

continuously being struck but since it has been equipped with rods it has not been hit once, or at least that is what we have been told. The scientist, Garret P. Serviss, says that rods are nearly a complete protection and we hope he is right.

One of our neighbors has bushels and bushels of Duchesse apples now on the trees which will be ripe within the next few days and for which it is likely no sale can be found as they will not stand shipment. He bought and set out the trees under the impression they were winter apples, having ordered and paid for that kind from the nursery. This is one of the worst swindles that can be perpetrated. It is worse than stealing, for the man who steals from you probably robs you only once, while the substituted apple tree robs you as long as it stands which may be for years. Winter apples always sell fairly well here either for home use or shipment but summer apples rarely find a sale except for a bushel or two in a place.

Already considerable hay has been baled and shipped, last week having been good for haying. This week has been so threatening from the first that little haying has been attempted. Most of the hay men think they will get more for hay shipped now than for any that will go in after August 1. By baling from the field, as practically all shippers now do, there is less hay lost by storms and what is saved is of better color and grade than if it had been stacked. Less and less hay is being stacked here as it can be baled for little more than it costs to put it in the stack. While the majority of the hay is still baled by horsepower the gasoline balers are each year doing more and more of the work. There are now in this section uncounted horsepower balers and we can count up seven of the gasoline variety.

Last week one of these gasoline balers was working a short distance from the field in which we were cultivating corn. It was a hot day with no hint of storm and the hay men had a large amount down. About 2 o'clock clouds began to gather to the north and almost before they were noticed came a low growl of thunder. Immediately all was increased activity out in that hay field; all the teams and men began to speed up and the effect, from our view point, was of the whole works being thrown into a higher gear. The horses on the sweeps moved faster, the horse rakes began to hurry and the engine, which before had been going along with a steady "er-chuck, er-chuck, er-chuck" now took an extra breath and threw in many more "chucks" for good measure. The thunder brought no rain, the hay was all saved in good condition and the hay men were pleased. A rain does throw the hay business clear out of joint.

Our whole bluegrass crop this year is comprised in an acre and a half. We tried our best to make it more but the dry weather last summer thinned the acreage so that this small strip was all that was worth leaving. We like the crop, for of late years it has been a very profitable one, but also of late years it has seemed hard to get a stand. The strip we have left was sown on ground that seemed in the worst condition of any in the whole field but in some way or other it stood the drouth the best. It was lumpy, being plowed just a little wet, while the rest worked up nicely. This is just another thing to show that farming, more than any other business, is guess work and that what is the right thing one year may be just the wrong one the next.

In Holland the cows are usually stabled in one end of the farm house. However, the cows over there are kept in considerably better shape than on some dairy farms we know of. But, even then—

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Please give me a wiring diagram showing connections to be made in wiring a Mot-singer auto sparker to a 5-horsepower stationary engine.—O. M., Kinsley, Kan.

The diagram given explains itself. If you do not use a starting battery disregard the dotted lines. In setting the magneto, the spring in the governor

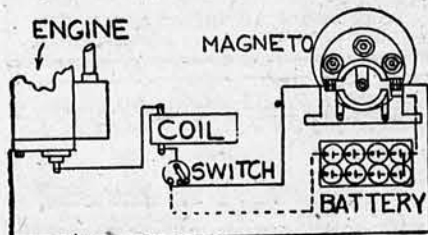


DIAGRAM OF WIRING PLAN.

should be compressed about 3-16 of an inch to give sufficient pressure between the engine fly wheel and the magneto pulley. The magneto may be run in either direction. Carefully insulate all wires and your magneto will work.

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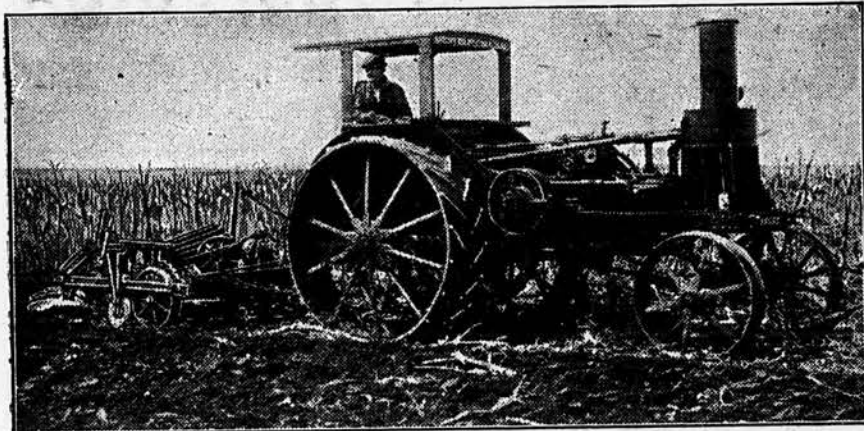
In its Farm Power number last January the Mail and Breeze predicted that "engine farming" would soon be practicable on the small farm as well as the big one. The Avery company is one of the traction making concerns which is now turning out such an engine. A number of its one-man power-plowing outfits are now in use in Kansas. Reese Clark, a Mail and Breeze reader in Barber county, has one of them. The engine is a gasoline burner. Mr. Clark

shower of sparks is thrown across the gap in the spark plug.

In the non-vibrating coil the spring only makes one movement or there may be a mechanical circuit breaker, in any event only one spark is produced when the circuit is completed.

(2) Cycle, when applied to a gas engine means stroke. Therefore a 2-cycle engine is a two-stroke engine and the 4-cycle engine is a four-stroke engine. In the 2-cycle engine the mixture is first taken into the crank case or charging chamber. When a charge is ignited in the cylinder the piston moves down on its first stroke, near the end of this stroke the piston uncovers a port in the cylinder wall allowing the burnt gas to escape. When the piston moves toward the crank case the mixture in the crank case is compressed and at the end of the power stroke the gas is admitted to the cylinder through a bypass. As the piston moves back the charge is compressed in the cylinder and at the proper time ignited. In the 4-cycle engine the charge is ignited and the piston moves toward the crank case. This stroke is called the power stroke. At the end of the power stroke the valve in the cylinder head is opened and as the piston moves back the gases are forced out of the cylinder. As the piston again moves toward the crank case the intake valve is opened and a charge of gas is drawn into the cylinder. This valve then closes and as the piston moves back the charge is compressed and at the proper time ignited. The 2-cycle engine has no valves, their function being performed by the piston uncovering ports in the wall of the cylinder.

(3) The crude oil engine is usually considered the more economical in a power plant of the size you mention. It will be necessary however to have an engine designed for crude oil. An engine designed for crude oil will operate successfully on any of the lighter fuels. In a well designed engine of the crude oil type a pint of oil should furnish 1 horsepower for one hour. The pint of fuel to the horsepower hour is the usual estimate of fuel required for the gasoline engine. With crude oil costing 4



Gasoline plowing outfit on Reese Clark's farm in Barber county which can be operated by one man and will pull five 14-inch plows, set 6 inches deep, at 4½ miles per hour on high speed.

writes that it can pull five 14-inch plows, set 6 inches deep, at 4½ miles per hour on high speed. He says the engine has plenty of power and is so simple a boy can run it.

It is our guess engine farming is going to become more or less general in Kansas before many years. There are so many things the farm tractor can do from field work to filling silos that it will be economy to own one, not to mention the better farming that will result and the pulling power such an engine would have on the heart of the average farm boy. In comparison a moving picture show in town would be weak.

Coils, Engines and Fuels.

(1) What is the difference between the vibrating and the non-vibrating coil used on the gas engine? (2) What is the difference between the 2 and the 4-cycle engine? (3) What is considered the cheaper fuel for an engine of from 20 to 30 horsepower when used for pumping water; gasoline, distillate or crude oil?—M. B., Dexter, N. M.

(1) A vibrating coil is fitted with a spring placed in the primary circuit. When the current passes through this circuit the core of the coil is magnetized, the spring is attracted and the circuit is broken. The core becomes demagnetized at once and the spring flies back to its original position. This operation is repeated very rapidly and a

It is always safest to take no chances with a bull, no matter how good his reputation beforehand. It is so often the "gentle" animals that cause accidents.



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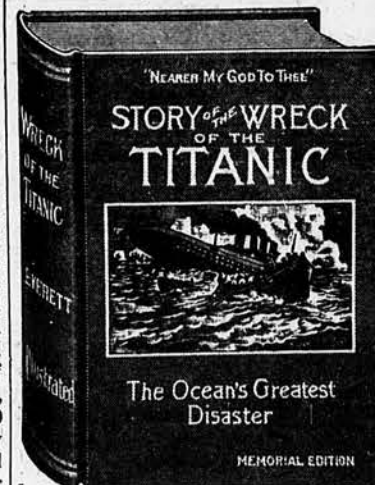
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Mothers and children were torn from husbands and fathers; sisters were separated from brothers, and forced to view their untimely deaths—that is the harrowing tale of the sinking of the Titanic. But there is also the valorous side of this tragic story—Following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

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YOU can't afford to take chances in choosing a silo filler. You must buy an outfit that will work for you. You must have a machine that will fill a silo in the shortest time possible. You must have a machine that will fill a silo in the shortest time possible. You must have a machine that will fill a silo in the shortest time possible.

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Illustrating the most important line of farm machines made. Tells when, where and how to use them. It answers every question you might ask about farming implements. Send postal today for machine No. 312.

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This price is for No. 6 gauge. Other sizes in proportion. This is our lowest price for wire, put in 100 lb. to a bundle, suitable for fencing and other purposes.

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We will send the Mail and Breeze to new subscribers in Kansas or Oklahoma ten weeks for ten cents. For your trouble you may keep the dime collected on each order secured. Just send us the names and addresses. They must be names of farmers who live in Kansas or Oklahoma. No others accepted.

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Topeka, Kansas.

Ten Eyck's Replies TO FARM QUESTIONS

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

Sweet Clover for Upland Wastes.

I should like to know what kind of Sweet clover would be the best to sow on upland that washes too much to cultivate.—H. V. C., Ripley, Okla.

I am mailing you a circular on Sweet clover. Perhaps the yellow blossomed variety is the better adapted for the conditions which you state. It spreads more and reclines on the ground to a greater extent than the White blossomed variety.

A. M. Ten Eyck.

Ensilage Loosens Cutter Knives.

I am going to put up a silo and should like to ask you a few questions. I hear a good deal of talk of ensilage loosening the cutter knives. Is that a fact?—L. H. P., Meriden, Kan.

The cutter knives should be examined several times in a day, especially in a new machine, since burs are apt to loosen, due to the great speed and strain on the machine. The cutting of ensilage will not cause the loosening of burs any more than the cutting of dry fodder.

A. M. Ten Eyck.

Cowpeas in Oats Stubble for Silage.

Could we sow cowpeas on oats stubble and use it for silage? If too late for ensilage would the cowpeas make good hay?—L. H. B., Meriden, Kan.

If the late summer and fall are not too dry, it will be possible to produce a crop of cowpeas for ensilage, planted after oats harvest. You may prepare the seed-bed either by shallow plowing or double disking and plant the cowpeas in close drills with a grain drill. Or plow shallow and harrow, and plant in rows and cultivate the crop. You are more likely to produce a good growth of vines by the latter method.

To secure the largest amount of forage, plant some early corn in combination with an early maturing variety of cowpeas such as the New Era, planting the crop in rows. I am mailing circular letter giving further information.

A. M. Ten Eyck.

Cleaning a Weedy Pasture.

What is the best way to kill weeds in an old pasture? Will it do any good to clip it? It is mostly bottom land.—C. W. S., Stockton, Kan.

Mowing the pasture before the weeds go to seed will destroy most of them. Certain biennial weeds, such as thistles, will hardly be destroyed by mowing and should be dug out with a hoe or spade once or twice a year until the pasture is clear of these weeds.

Burning the pastures late in the fall or during the winter or early spring will also destroy many weeds and give a cleaner growth of grass. Burning also destroys chinch bugs, which winter in tufts of bunch grass. But annual burning of pastures is not desirable, since the burning destroys much organic matter and too frequent burning will reduce the yield of grass or hay.

A. M. Ten Eyck.

Seeding Alfalfa With a Drill.

Will you kindly inform me what make or makes of grain drills you would recommend for seeding alfalfa that can also be used for wheat and other grains.—S. P. L., Meriden, Kan.

There is no grain drill which will sow a small enough amount of alfalfa seed, using the grain box. An alfalfa seeder attachment is necessary. We sow 7 or 8 pounds of alfalfa seed per acre. Have a splendid stand on 200 acres seeded this spring. We are using the VanBrunt drill sold by the Deere Plow company, with a grass seeder attachment and low press wheels for planting alfalfa, and have had very good success. We can sow as little as 4 or 5 pounds of seed per acre. I should recommend press wheels. The seed should be drilled shallow and the soil pressed over the seed. A double disk is good for alfalfa seeding but a single disk is all right, and I like the single disk better as a general drill.

A. M. Ten Eyck.

Late Cultivation of Sorghums.

Do you ever cultivate the sorghums after they are in flower? Do you ever harrow between the rows or even cultivate with one horse? How far along do you think I ought to let the sorghums get before I

cultivating them? I've been keeping a 3-inch mulch all the time.—E. D. Red Willow county, Nebraska.

I have not practiced cultivating the sorghums after the crop reaches the blooming stage. I do not think shallow cultivation would do any harm, but, as a rule, late cultivation is not necessary. Weeds will not grow in a good stand of sorghum which has reached the blooming stage. The crop shades and protects the ground and the soil mulch will hardly need renewing unless compacted, perhaps by a very heavy rain. Then shallow cultivation with the single cultivator might give some benefit. We lay the sorghum by when it gets too tall to cultivate with the double row corn cultivator.

A. M. Ten Eyck.

Best Grasses for Western Kansas.

Is there any grass or grasses that will make a permanent pasture as good as blue-stem? I should like to get a little more pasture. Will Bermuda grass do well here?—C. W. S., Stockton, Kan.

There are no domestic grasses equal to the wild prairie grasses, including blue-stem, for pasture in western Kansas. Bromus inermis is one of the hardiest and best producing varieties of domestic grasses for western sowing. It is possible to re-establish the prairie grasses by transplanting pieces of sod. I am mailing bulletin on "Grasses" and circular letter giving further information. Bermuda grass is not hardy for growing so far north as Rooks county, Kansas.

A. M. Ten Eyck.

Wanted, a Plan for a Round Barn.

Do you know where I could get information on the building of round barns? Are they cheaper than oblong? About how much will it cost to build a round barn that will hold 20 head of horses and colts? Please give plans for a round barn.—C. W. S., Stockton, Kan.

I am mailing you a circular on round barns, but this does not give information regarding their construction. I advise you to secure a good book on this subject, "Farm Buildings," published by the Sanders Publishing company, Chicago, Ill. This book will give the desired information on round barns and a large amount of valuable information on farm building construction. It is possible that some farmer who reads this has built such a barn as you describe. The Mail and Breeze will be glad to publish the plans and specifications of such a barn.

A. M. Ten Eyck.

Mower Wheel Drag a Corn Maker

BY G. W. WILLIAMS.

[Written for Farmers Mail and Breeze.]

If you will take an old mower wheel to the blacksmith shop and have two wings, as described below, bolted to it, you will have one of the best dry weather plows you have ever used in your corn field. Take two old worn out 14-inch plow shares, have them cut off square at each end, bent a little, as shown in cut, and the wings bolted on tight and solid with the thin edge of the share down. To make them extra secure let the smith take two pieces of old buggy springs and put a brace from the wheel to near the point of the wing. These wings, chains; C C, should be a little wider than the plowshare; B B, braces; R R, rope for steering; H, should extend about an inch wider on each side than the wheel, this gathers the clods all in and carries them back, or holds them until the wheel gets on them and grinds them up. This arrangement leaves no clods piled up against the corn, but keeps the ground perfectly level. Use a piece of old fork handle about 2 feet long for a handle. It is necessary to have this handle, as by it the wheel can be guided in case it should get out of line or a hill of corn be a little out of line; also in turning at the end of the row. As the horse comes out and turns back, a little pull on this handle will swing the wheel clear of the ground and swing around in the next row without breaking down any corn.

Polk county, Missouri.

THIS BIG, 3 1/2 FOOT TELESCOPE FREE

This is a real telescope and not a worthless toy. It is made by one of the largest manufacturers in Europe. When closed, as shown in picture, the telescope is 12 inches long and has a circumference of 34 inches. When all 5 sections are pulled out the full length is over 34 feet. It is built of the best materials, brass bound throughout. We furnish with each telescope a solar eye piece for use in studying the sun and the solar eclipses. Eye piece can also be used as a magnifying glass to detect insects or germs in plants or vegetables.

Powerful Lenses 5 to 10 Mile Range

The lenses in this telescope are carefully ground and correctly adjusted by experts. See objects miles away. Farmer said he could count the windows and tell the colors of a house 7 miles away and could study objects 10 miles away which were invisible to the naked eye. Absolutely necessary for farmers and ranch men. They can keep their eyes on the cattle, horses or men when far distant.

Our Offer!!

We will send one of these big telescopes free and prepaid to all who send \$1 to pay for 4 new subscriptions to the Valley Farmer at 25c per year and 12c extra for postage. Or send \$1 to pay for one new subscription to the Valley Farmer for 6 years and enclose 12c extra (\$1.12 in all) and receive telescope free and prepaid. Guaranteed to please you in every way or money promptly refunded.

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THE PERFECT CORN HARVESTER

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Works in any kind of soil. Cuts stalks—doesn't pull like other cutters. **ABSOLUTELY NO DAMMERS.**

Cuts Four to Seven Acres a Day with one man and one horse. Here is what one farmer says: Overbrook, Kan., Aug. 22, 1911. Dear Sir:—My corn is not quite ready but I took the Harvester into the field to see how it would work. It cut splendid. Easy to regulate the feed, easy draft. Yours truly, THOS. H. MCCLUNE.

SOLD DIRECT TO THE FARMER

Send for booklet and circulars telling all about this labor-saving machine, also containing testimonials of many users. Send for this circular matter today.

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ONE-PIECE STAVES—

half-inch tongues and grooves— heavy all-steel door-frame— hinges form ladder—billet steel hoops—also with every convenience and built to last a lifetime. Write for catalog.

NEBRASKA SILO COMPANY
Box 9, LINCOLN, NEBR.

Kansas Branch: Continental Creamery, Co., Box 5, Topeka, Kan.
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Save Your Alfalfa



Use Metal Stack Covers

They last for years and will not rust—can be adjusted to any size stack, will save its cost the first season. For price list and full particulars address, **THE KANSAS METAL GRABBY CO., WICHITA, KANSAS**

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Catalogue of The Auto-Pedal Hay Press, Auto-Pedal Bell-Hay Press, Two Stroke Horse Press and One Horse Press. The Auto-Pedal Hay Press Co., 1214 W. 12th St., St. C., Mo.

THIS BIG, 3 1/2 FOOT TELESCOPE FREE

This is a real telescope and not a worthless toy. It is made by one of the largest manufacturers in Europe. When closed, as shown in picture, the telescope is 12 inches long and has a circumference of 34 inches. When all 5 sections are pulled out the full length is over 34 feet. It is built of the best materials, brass bound throughout. We furnish with each telescope a solar eye piece for use in studying the sun and the solar eclipses. Eye piece can also be used as a magnifying glass to detect insects or germs in plants or vegetables.

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The lenses in this telescope are carefully ground and correctly adjusted by experts. See objects miles away. Farmer said he could count the windows and tell the colors of a house 7 miles away and could study objects 10 miles away which were invisible to the naked eye. Absolutely necessary for farmers and ranch men. They can keep their eyes on the cattle, horses or men when far distant.

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TOPEKA, KAN.



Feeds & Feeding

QUESTIONS ANSWERED

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

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

Beet Pulp in Cattle Feeding.

Will you explain the cost and feeding value of beet pulp in proportion to other feeds and all about it? I am thinking of sowing a lot of cane for roughness if the bugs will let me and want something to substitute for corn. Would they go together for feed?—S. W., Lyon county, Kansas.

I cannot quote you the cost of dried beet pulp. It is used very little in Kansas. Although a considerable amount is produced at the Garden City sugar factory. The Kansas station has done no experimental work to determine its feeding value. Most of the experimental data we have on its use is from the Michigan station. In order that you may compare it with corn the digestible nutrients of the two feeds per 100 pounds of each are here given:

	Total dry Matter.	Protein.	Carbohydrates.	Fat.
Dried beet pulp	81.6	4.1	64.9	0
Corn	89.4	7.8	66.8	4.3

For fattening cattle the Michigan station found as the result of three winters' trial that the dried pulp tended to produce growth in cattle rather than fattened them, and the conclusions were that for the earlier part of the feeding period the dried pulp might be used in considerable quantity as a substitute for corn. For the final finishing the use of corn was necessary. They found that a 1,000-pound steer would consume in the neighborhood of 10 pounds of beet pulp daily. The same station fed beet pulp experimentally to western lambs, using clover hay for roughage, and feeding .3-pound of linseed meal daily per head. The results of this test seem to indicate that the beet pulp was a fair substitute for an equal amount of corn.

The New Jersey Experiment station made some tests, getting similar results. In feeding dairy cows this station secured the best results by softening the beet pulp with water before feeding it.

Forage from cane is very deficient in protein, and beet pulp likewise does not supply a very large amount of protein, as you will note. In order to satisfactorily balance the ration a little cotton-

SALLOW FACES

Often Caused by Tea and Coffee Drinking.

How many persons realize that tea and coffee so disturb digestion that they produce a muddy, yellow complexion?

A ten days' trial of Postum has proven a means, in thousands of cases of clearing up a bad complexion.

A Washn. young lady tells her experience:

"All of us—father, mother, sister and brother—had used tea and coffee for many years until finally we all had stomach troubles more or less.

"We all were sallow, and troubled with pimples, breath bad, disagreeable taste in the mouth, and all of us simply so many bundles of nerves.

"We didn't realize that tea and coffee caused the trouble until one day we ran out of coffee and went to borrow some from a neighbor. She gave us some Postum and told us to try that.

"Although we started to make it, we all felt sure we would be sick if we missed our strong coffee, but we tried Postum and were surprised to find it delicious.

"We read the statements on the pkg., got more and in a month and a half you wouldn't have known us. We all were able to digest our food without any trouble, each one's skin became clear, tongues cleaned off, and nerves in fine condition. We never use anything now but Postum. There is nothing like it." Name given by Postum Co., Battle Creek, Mich.

"There's a reason," and it is explained in the little book, "The Road to Well-villa," in pkgs.

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

seed meal would probably be the cheapest concentrate to use. Unless the beet pulp could be bought for less money than corn I hardly think it would be a profitable feed to buy.

G. C. Wheeler.

Did You Ask Dad About It?

To the Boys:

Did you talk over with your father the matter about which I spoke to you several days ago? If you did I am sure he was willing for you to enter your steer calf in the Capper Boys' Baby Beef Club. No father would have the heart to refuse to let his boy enter this contest, providing the boy was serious in his intentions of crowding things along and winning the prize.

Here are the Tilson boys of Cloud county, who were among the first boys to write me, entering this contest. They are lively young fellows, and it is doubtful if there are any boys in the state who could be more interested in making Baby Beef than are these boys.



THE TILSON BOYS.

In years to come they will undoubtedly be the leading livestock men in their county. That's what it takes, interest, enthusiasm and hustle. Any boy possessing these requirements and a steer calf which will be a year old and under 2 years old September 1, has an equal chance to win the money.

Another boy who is going to make things hum is Sammy Drybread. In a letter which came last Thursday Sammy writes:

I have a fine purebred Hereford steer which I would like to enter in the Capper Boys' Baby Beef Club in competition for the first prize. The name of my calf is Excelsior and he is sure a dinger. The others will have to step some if I don't get into the money.

Now that is the spirit which counts, but there are probably plenty of other boys who will give Sammy a run for his money. Are you one of that sort?

I am sure that your father told you he was willing, when you talked to him about it. So sit right down now and write me that you are entering your calf in this contest. Also write Mr. H. L. Cook, Secretary Kansas State Fair, Topeka, or Mr. A. L. Sponsler, Secretary Kansas State Fair, Hutchinson, Kan., the same thing, choosing the fair at which you intend to show. Remember that it costs you nothing to enter. All you need is a steer calf which will be 1 year old on or before September 1, and that you intend to hustle some and win. Write me today.

Arthur Capper

Farmers Mail and Breeze, Topeka, Kan.

A dust mulch for the garden is better than a sprinkling can. Stir the soil every few days and you will need to carry very little water.

FROM DEBT TO \$20,000 Uses SHARPLES Tubular Cream Separator Exclusively



The high-producing cow, "Majestic Maid 8th", on the Armstrong farm, where the Tubular is used.

"Austinburg, O., May 29, 1912.—The Sharples Tubular has done fine work all the time. J. F. Armstrong."

Now you understand why owners of other separators are discarding their machines by carloads for Tubulars. Follow the example of the Armstrongs and the many others who have succeeded. Buy a Tubular for the sake of double skimming force, easy cleaning and all the profits.

Want a free trial? Want to exchange your present separator in part payment for a Tubular? You can do either.

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placed anywhere, attract and kills all flies. Neat, clean, ornamental, convenient, cheap. Lasts all season. Made of metal can't spill or tip over; will not soil or injure anything. Guaranteed effective. Sold by dealers or 6 sent prepaid for \$1. HAROLD SOMERS, 150 Dekalb Ave., Brooklyn, N. Y.



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Experienced chauffeurs and mechanics get from \$75.00 to \$200.00 a month. Learn to run and repair automobiles in the largest, best equipped school in the West. Now in our new building. Write today for Catalogue.

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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

I'll Meet You Halfway Mr. Farmer.

I want you to have a Champion silo this year without fail and will make it very easy for you if you are ready to act now. One of my Three Special Propositions is sure to suit you. They're made for the purpose of getting immediate orders and you must act now. Here they are:

1. Man who wants a silo.
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3. Man who'll club with his neighbors for several silos. Let me send you full details and tell you why the

CHAMPION

Western Made for Western Trade

Is the best silo for you to have. Continuous door front trussed and braced with angle iron and channel steel. Large door opening. Redwood doors can't shrink or bind. Double latch ladder holds doors and forms ladder that can't turn under you. Adjustable hoops. Steel anchors. The favorite silo with experienced western farmers.

Write for Free Catalog. Tell me which proposition interests you and I'll send full details. Address

Keller J. Bell, Mgr., WESTERN SILO CO.,
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Shoo Fly

Keeps flies and other insect pests off of animals—in barn or pasture—longer than any imitation. Used and endorsed since 1885 by leading dairymen and farmers.

\$1 worth saves \$20.00

in milk and flesh on each cow in a single season. Heals sores, stops itching and prevents infection. Nothing better for galls. Kills lice and mites in poultry houses.

SEND \$1. If your dealer can't supply you, for 200 cows, and our 3-tube gravity sprayer without extra charge. Money back if not satisfied. Write for booklet, FREE. Special terms to agents.

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Largest producers of asphalt, and largest manufacturers of ready roofing in the world.

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GUARANTEED Cures Heaves by correcting Indigestion. Book explains, sent free. Cures Coughs, Colic, Distempers, Frequent Colic, Staggers, &c. Blood Purifier. Expels Worms. A Grand Conditioner. A Veterinary Remedy for Heaves. At dealers or direct prepaid. THE NEWTON REMEDY COMPANY, Toledo, Ohio.

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Made in one piece. All sizes, to fit any axle. Save 25 per cent of draft. 2,000,000 sold. Owners delighted. Life savers for men and horses. Book free.

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IOWA FARMS! Best soil, good improvements, all sizes, bargain prices, easy terms. Write today for our list. **NORTHERN IOWA LAND COMPANY,** Independence, Iowa.

VETERINARY ADVICE

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

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

Ailing Shoat.

I have a shoat that is unable to stand although she eats heartily and has fallen away but little. She has been down for six weeks or more and the trouble seems to be in her feet and legs. Have been feeding shorts in slop and corn. Would like your advice.—G. H. C., Council Grove, Kan.

Would by all means change the feed of this shoat, giving her a little tankage or bone meal if you have it, or a little lime. Would not be too positive about results.

Dehorning Suggestions.

I want to dehorn some cows and young stock and would like to know what season of year is best to do this work and how to treat them afterward.—T. J. A., Alluwe, Okla.

This work can be done at any time of the year outside of fly time. It has been done very successfully by merely sawing or cutting off the horns and covering the wound with pure pine tar, being careful not to spread the tar over any healthy skin.

Dangerous Swelling.

I have a bay horse 8 years old that has a large lump on his left side about the size of a half gallon measure. It extends to his sheath which has now become swollen all around. What causes this and what can be done for it?—W. J. J., Ozark, Kan.

You don't say how long this enlargement has been there, or give any cause as to how it happened. It may be a rupture, it may be an injury, or it may be some foreign material inside which is gradually working its way out. A personal examination by a qualified man should be made.

Defective Udder.

We have a cow that recently freshened and the left hind quarter of her udder is very hard. We are getting about 2 ounces of matter out of this that resembles clabber, but no milk yet. What is your advice?—L. W., Decaturville, Mo.

Would continue to milk this out pretty regularly at the same time rub in a little raw linseed oil in that quarter after each milking until it softens it or dries up. I would not hope for any definite results at least not until after she freshens again.

Abnormal Teat.

I have a 4-year-old cow that is about to have her second calf. About four months before she had her first calf one of her teats began to swell and I milked it out until it went down and then dried it off as soon as possible. When the calf came there was no milk in this teat and it remained dry. She is at the same period again now and there is milk in the teat again. Would it be advisable to milk it out or let it go and could this teat be restored when she calves again?—E. H. W., Brownville, Neb.

Would suggest that you let this alone unless it is absolutely necessary to milk it out. In following this method you will stand more of a show to save the organ.

Injured Cow—Dead Pigs.

(1) I have a Jersey cow 12 years old that had her hip broken down in pasture four years ago and since that time has not had a calf although bred repeatedly. How can I get her with calf?

(2) Also have a young Duroc-Jersey sow that brought her first litter of four pigs dead. I afterward learned that she had been bred to an immature full brother. Have bred her again to a good boar and would like to know if I may expect a better litter the next farrowing time.—G. A., Parsons, Kan.

(1) Can suggest nothing excepting that possibly a qualified veterinarian, after a personal examination, might be able to find the cause and the remedy.

(2) In all probability you will have no further trouble.

Distemper After Effects.

I have a 6-year-old horse weighing 1,000 pounds that had distemper in the winter of 1910. He had a severe case of it and had to have him lanced. This has left him with a cough. Would be glad to have any advice you could give.—E. S., Duquoin, Kan.

Would give this animal internally 1 tablespoonful of the following once a day for about two weeks, repeating again in a month: potassium iodide, 1 ounce;

water, 8 ounces. At the same time would rub in a stimulating liniment around its throat. It is possible that you will be unable to cure this case especially if some of the deeper structures are affected.

Cancer On Jaw.

A neighbor has a cow with a swelled jaw. It began under the left ear and now is on the right side. The under jaw is badly swollen and the left eye closed up. The swelling began over six weeks ago. It was lanced about two weeks ago and there seemed to be no pus but just black blood and it healed right over. She is getting poorer all the time. What is the trouble and can it be cured?—E. W. R., Chattanooga, Okla.

In all probability you have a case of cancer. About all that you can do is to apply some good antiseptic and keep it clean and as healthy as possible. If this does not help very likely the result will be fatal.

Worms Were Fatal.

One morning while harnessing my mare she staggered and her eyes had a strange look. During the night she got down, breathing heavily and irregularly. She seemed in great pain and the sweat poured from her. She died the next morning at 10 o'clock and on opening her we found the villi over the intestines yellow or jaundiced. Adhering to the walls of the stomach was a mass of worms, yellowish white in color, about 1/4 inch long and 1/8 inch thick. At the outlet of the stomach was another mass and the passage seemed closed with them. The contents of the bowels were soft and seemed all right. Would like your opinion on this case.—H. T. F., Hoyt, Kan.

It is possible that these parasites gain entrance into the liver through the bile duct and cause some trouble which may have been in the form of some foreign material in the circulation and this going to the brain caused the staggering gait. Again it might have been the results of these parasites forming a poisonous substance which can cause the same trouble. If there was no indigestion present, I can see nothing that would cause her death excepting parasites.

Stocking Up After Cholera.

Last fall cholera got into my herd and out of 100 head I had only 5 left. About March 1 this spring we bought 10 healthy gilts and in 6 weeks they had the disease. Have lost four of them but the brood sows and pigs have not been affected. What is your advice on re-establishing a herd after Cholera?—J. A. M., Abilene, Kan.

In a bulletin, the manuscript of which has just gone in, these features are all discussed and I would suggest that along about the middle of July you write to the Experiment station for a copy of the new hog cholera bulletin. In the meantime I would not bring any hogs upon the place which have not been vaccinated with the simultaneous method. These pigs from sows which have passed through cholera or which have been vaccinated by the simultaneous method are usually immune until they reach the age of about a month when this immunity gradually runs out. It is therefore good policy to treat these pigs at about that age or let them run until they are about 6 weeks old and would then vaccinate and wean them at the same time. Frequently if these pigs are vaccinated at this age and are not weaned they seem to outgrow this immunity much quicker, while if vaccinated and weaned the immunity should be more or less permanent. Where feasible thorough disinfecting should be done.

Corn Nearly 6 Feet High

A CAPPER BOY'S CROP.

Reports are beginning to come in from the members of the Capper Boys' Corn club in regard to their prospects. The lads are feeling hopeful and enthusiastic. A number of their reports will soon be published in the Mail and Breeze. Willie Newman wrote from Cowley county under date of June 24 that his corn was 5 1/2 feet tall. Considering the late season this must have been nearly a record height for corn at that date. His letter follows:

I thought I would write and tell you what a fine prospect I have for the first prize in the boys' corn contest. My corn is 5 1/2 feet tall. I cannot cultivate it but about once but expect to hoe it and keep it clean.

WILLIE W. NEWMAN.

Atlanta, Kan.

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.

Stop Grain Waste And Money Loss

Thousands of these portable, rust-proof granaries now in use. Everyone giving satisfaction.

2 GRAIN BINS IN 1

Can be partitioned to store 2 or more kinds of grain at once. The Northfield combines all good features found in other makes and has several new improvements.

Saves More Than Its Cost Every Season

Costs but a trifle more than wood and is permanent. Insures your valuable grain against fire, dampness, rats, thieves, etc. It will dry out and preserve your grain better than the best wooden bin. Is ventilated through floor and sides, under eaves and by cupola. Holds flax or any small grain and is easily converted into a grain corn crib. Anchor bolts make it wind proof. Only bin with a perfectly smooth rain proof floor. Side and floor sections connected by patent interlocking cleats. Easiest and quickest to set up. Sections all interchangeable. Cannot get mixed. The heaviest bin of its size. Built to stand rough usage. Most reasonable in price compared to its weight.

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The Mail and Breeze has the most complete plant in Kansas for the making of first class half-tone engravings and fine etchings and is prepared to fill all orders. Particular attention given to general newspaper illustrations. Our cuts cannot be excelled and are guaranteed satisfactory. Lowest prices consistent with good work.

THE MAIL AND BREEZE, Topeka, Kan.

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



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.

The use of hooded pails means cleaner milk.

Thorough milking tends to develop a cow's udder.

A dog that worries stock has no business on the dairy farm.

Handling and petting the heifer calf will mean a gentle cow after awhile.

A little salt daily for the cows is better than the weekly salting on Sunday morning.

I like to have my cows come fresh as near September 1 as possible.—J. M. Gibbs, Elk Falls, Kan.

Giving cows a good dry feed before turning them on a rank growing forage crop does away with danger of bloat.

The time to stop churning has much to do with making good butter. To keep on until the butter is in big lumps makes it waxy and greasy. The time to stop is when the grains are about the size of wheat kernels.

We are looking for some plans and descriptions of practical, well arranged dairy barns and any fixtures or devices that help along in the work of keeping cows. We want these to print in our Annual Building Number and need them by the middle of August. Prizes as usual.

Hine Is Dairy Commissioner.

Kansas has a new dairy commissioner in George S. Hine who takes the place of D. S. Bureh, recently resigned. Although Mr. Hine has been in Kansas little more than two years he is well known to Kansas farmers and creamerymen through his institute work for the Agricultural college. Mr. Hine will make an ideal dairy commissioner as he knows every phase of the dairy industry. He will make it one of his duties to help the development of Kansas dairying in every way possible.

A Good Fly Dope for Cows.

O. E. Reed, head of the dairy department at Kansas Agricultural college, vouches for the following preparation as a fly repellent which has been successfully used on the college herd of dairy cows:

Two cakes of laundry soap dissolved in warm water; to this add 1½ pounds of resin, ½ pint of fish oil and boil until the resin is thoroughly dissolved. Add enough water to make 3 gallons. Add ½ pint of kerosene when ready to use. Stir vigorously. Apply it with a brush or spray pump. About ½ pint should be used on each cow at one application. It will be necessary to make the application three or four times a week, or until the hair becomes well coated with resin. This mixture may also be used on horses.

A Guide for Silo Builders.

Prospective silo builders will find information of value in a bulletin recently put out by the extension department of Kansas Agricultural college, entitled "Cement Silo Construction." This bulletin is the joint production of G. C. Wheeler and G. S. Hine, probably the two most competent authorities on cement silos in the state. They have supervised the building of a large number of these silos and are acquainted with every detail of the work. The con-

struction of both types of cement silos, the metal lath and solid wall silo, are fully explained with pictures and drawings in connection with a description of the work. Every member of a Kansas farmers' institute will receive one of these bulletins. Others wishing copies may have them for the asking by writing to the Director of College Extension, Manhattan, Kan.

Water Cooler for Cream.

[Prize Letter.]

Mr. Editor—Anyone can rig up a device like this for cooling milk and cream in summer at small expense. This spring we built a smoke house 5 by 5 feet in size and after having smoked our meat moved it over by the wind mill. I set a barrel in it and made the pipe connections as shown in the diagram. The inlet pipe has an elbow and discharges the water at the bottom of the barrel, thus forcing the warm water off at the top which runs into the stock tank. We have a 10-gallon cream can which we set in this barrel. Each batch of cream is cooled before putting it into the can and then we stir the whole three times a day. This keeps the cream in first-class condition to churn twice a week and by churning early in the morning we can make nice, firm butter without ice.

A. G. Stauffer.

Valley Center, Kan.

Nebraska Made Cream Cheese.

[Prize Letter.]

Mr. Editor—For a 3-pound cheese that is good at 5 weeks old and better with age take 5 gallons of sweet milk, cream and all if it has set over night, and heat in boiler or pan till milk warm. Dissolve half a rennet tablet in ½ cup of cold water and stir into the milk, then add 1 tablespoonful of salt, stir well and remove from fire. Let it set 7 to 10 minutes, or until it turns to clabber. With the hand or spoon stir well to separate curd from whey, then let set again 5 minutes. When the curd has settled to the bottom remove it with the hands and let drain in cloth or colander. Break it in pieces every 10 minutes and it will be nicely drained in half an hour. Then cut curd in inch pieces, put in a crock or pan and pour hot, not boiling, water over it until covered. Let it stand 5 minutes or until it is tough like leather, cut in pieces once more and salt as for butter, and it is ready for the press.

To make a press melt the top and bottom from an apple or sirup can and make ends or followers of inch boards just to fit inside the can. Grease a cloth with butter or lard, line the can and pour in the curd, fold the cloth over, put on followers, and set in a slanting place to drain with a weight of 15 pounds over it. Let it set 24 hours, then remove from can, take off cloth and grease well. Put in a fly-tight screen box, grease and turn every day till ready to use. Wrap in a damp vinegar cloth to prevent cracking.

Phoebe Journey.

Furnas county, Nebraska.

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HOUSEHOLD MAGAZINE, a large family magazine containing the choicest stories and departments of particular interest to lady readers. An entertaining, instructive publication for all the family, 24 to 48 pages each month.

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If your subscription to the Mail and Breeze has not expired we will credit you ahead for one year. Send your order at once. Address: Farmers Mail and Breeze, Topeka, Kan.

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Besides their great increase in quantity and improvement in quality of cream and butter DE LAVAL cream separators save a great deal of time and labor.

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



As compared with any kind of gravity setting the saving of man's time and labor and usually woman's drudgery is simply overwhelming.

As compared with other separators the DE LAVAL saves much time and labor by its greater capacity, easier running, easier handling, easier cleaning and freedom from need of adjustment or repair.

These are merely some of the advantages which make a DE LAVAL cream separator the best of all summer farm investments, as every DE LAVAL agent will be glad to explain and demonstrate to anyone at all interested.

See the nearest DE LAVAL agent at once or if you do not know him write us direct for any desired information.

THE DE LAVAL SEPARATOR CO.

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You'll Be Enthusiastic, Too



When you learn about the Saginaw Silo. But you'll have to hurry your order for a Saginaw. We won't disappoint you—we won't take your order if we cannot fill it. There's a reason for the big sale of Saginaw Silos. Look into it. Write for Circular M.

Let us send you our new book—"Interesting Facts on Filling Silos." We have some new ideas in silo filling that are yours for the asking.

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You can't afford to buy any ensilage cutter until you have examined the Blizzard which has 40 years of success behind it. Equipped with improved wind elevator, knives that can be adjusted while running. Self-feeding table. Tested by 50% greater strain than is ever called for in actual use. Fully guaranteed. Sold ready for use. Only 3 pieces. Write for "Why Silage Pays" and "The Evidence." Sent free together with latest catalog of Blizzard cutters.

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THIS watch is not a cheap toy, but a beautiful, high-grade, regular 16 size, man's watch—a new, light, thin, open face model, with handsome gun metal case; guaranteed American movement; stem wind and stem set; gold plated winding stem; minute and second hands, just like all high-priced watches. Each watch thoroughly tested at factory and warranted a perfect timekeeper. Your own initial engraved on the back in beautiful gold lettering. We also give you a beautiful Swastika fob and elegant Gold Signet Ring, warranted for five years, if we hear from you quickly.

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DON'T send us one cent—just your name and address. We then send you, all charges paid, eight of our high-grade 12x16 Enameled Art Pictures to distribute among your friends, in connection with our special offer. Then send us money collected, and we will send you this elegant Watch, Fob and Ring, absolutely free. Only one watch given in a neighborhood, so don't delay. We send money back to you if you are not more than delighted. Address at once, BOYS' WATCH CLUB, Dept. M.B., TOPEKA, KAN.



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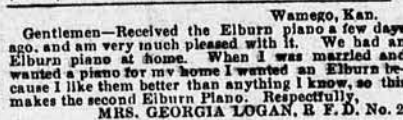
Name	Address	Bushels per acre
Clark Pollard, Sedgwick, Kan.		56
R. N. Borntrægger, Yoder, Kan.		45
Joseph Pointer, Spearville, Kan.		43
L. C. Cuppa, Haven, Kan.		26
C. V. Yoder, Haven, Kan.		30
Jess Leigh, Republic, Kan.		32
James Shulda, Cuba, Kan.		33
Frank Hares, Munden, Kan.		25
Gus Nelson, Courtland, Kan.		35
Joe Vandever, Scandia, Kan.		31
Marion Johnson, Belleville, Kan.		30
John Shaver, Hackley, Kan.		42½
Roniger Bros., Cottonwood Falls, Kan.		25
Blackshere Ranch, Cottonwood Falls, Kan.		25

Rush County—Rains have matured late sown wheat and the county will now make an average crop. Quality will be first class. Hail did some damage in parts of county last week. Weather favorable for harvest. Hands scarce. Corn looks fine and is tasseling.—J. F. Smith, July 13.

Shawnee County.—Fine growing weather with plenty of moisture here. Corn looks fine but bugs are doing some damage. Threshing in progress and wheat is making from 25 to 38 bushels with tests of 58 to 61 pounds. Most of oats cut and some is very good. Hogs \$7, potatoes 70 cents, eggs 14, butter 20.—J. P. Ross, July 12.

FREE TO POULTRY RAISERS.

All sorts of and many more subjects—too numerous to mention here—are fully covered in this great book. It is big value for two dollars of anybody's money—but we're giving them away FREE on this plan: We will give you one year's subscription to *Farmers Mail and Breeze*, one year's subscription to *Poultry Culture*, the best poultry journal in the world, and one copy of our new book of poultry secrets—all for only \$1.25. State whether you are an old or new subscriber. Address at once, Arthur Capper, Publisher, Topeka, Kan.



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.**

We will send you FREE a lot of sample sheets for B flat cornet or lat violin parts. We carry every piece by every publisher. Prices right. We are the largest house in the west and carry most complete assortment. We give quick service. If you want complete list of band and orchestra music and our special prices write today.

JENKINS MUSIC CO., 303 Jenkins Bldg., Kansas City, Mo.

State Date.....

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105 Depot St., Washington, Illinois.

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,
Morcous, Mason & Hamlin.
106 W. 5th st.,
TOPEKA, KANS.

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

How to Handle Wheat Stubble

WESTERN METHODS.

This is a discussion of the subject mainly from the western and southern Kansas viewpoint where blowing soils and lighter rainfall are to be taken into consideration. Other letters will follow later.—Ed.

[Prize Letter.]

Mr. Editor—If the ground is dry after harvest don't wait for rain. Start in and double disk, beginning on the weediest ground and loosest soil first. If the ground is moist plow or list, beginning with the hardest land.

Plow only 3 or 4 inches deep, and if listing, make narrow rows and run deep enough to cover weeds and trash and later work the ridges down with a corn cultivator only. Never harrow your wheat ground in the fall, nor is sub-surface packing necessary on land prepared in this way. Land prepared by these methods will let in more moisture and hold more snow in winter than if left smooth and fine. Deep and dry plowing for wheat in the fall is a bad practice for you will notice that wheat on such ground will be the first to burn up when a dry spell comes the next May or June. If grasshoppers or chinch bugs are thick I do not sow wheat before October 15. Ed Lembright.

Dodge City, Kan.

When Summer Plowing Falls.

[Prize Letter.]

Mr. Editor—I farmed in Gove county, Kansas, four years and found the main thing to do was to work the land in such a way as to keep it from blowing in April and May each year. My experience was that it is not advisable to plow wheat stubble in the fall for another wheat crop as it will sometimes drift even in fall and winter, and is sure to blow the next spring. Listing as soon as possible after harvest is a good plan, running the furrows east and west. Then leave the ground as it is. A few showers may come in August and September but the open furrows will take care of these.

About a week before seeding time fill in the furrows with a two-row corn weeder and harrow once crosswise when the ground will be ready for the press drill. Another good way is to plow early in the spring as soon as frost is out of the ground, and harrow right after the plow. Then the soil usually plows well and the winter's moisture is still there. When ready to seed put in such crops as barley, oats, speltz and feed and as a rule there is enough moisture to sprout the seed and give it a start. With one or two showers these crops will have made growth enough to partly protect the soil from blowing by the time the dust storm season arrives.

I never saw spring plowed ground drift as badly as that plowed in summer. After the crops are taken off this spring plowed ground, disk the stubble. It need not be disked very deeply nor smoothly as you will find it loose

More power is spent through the plow than in all the factories in the world. To turn once a year the whole cultivated face of the earth consumes more power than all the railways, street cars and automobiles combined.

—M. Rumely.

enough. Then you are ready for the disk drill. Run the drill deep and don't use a harrow at all. Let the stubble, straw, etc., remain right in the field where they are to help conserve the moisture and protect the wheat plants from the winds next spring.

If I had 200 acres I would plow 50 acres every spring for small grain, list 50 acres to corn and Kafir, and leave the remaining 100 acres for fall wheat. My land would be plowed once every three years which is often enough in western Kansas. The listing or disk in the intervening two years would be enough to put the land in seedbed condition.

I do not believe summer fallowing is advisable as far west as Gove county as it is likely that not enough rain would fall during spring and summer to soak and pack the soil. The ground would then be too loose and mellow by fre-

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., Melrose, 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 realized 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.....

quent stirring and would be very likely to drift, especially in winter when not protected by snow.

I believe 4 or 5 inches is sufficient depth for plowing in western Kansas. The subsoil is too porous and the moisture would go down and be lost. The top soil is the most compact and holds moisture best.

Randolph, Kan. P. O. Hawkinson.

For a Crop of Late Pickles

Mr. Editor—Between July 25 and August 1 is a good time to plant cucumbers for a good fall crop. The bugs will not bother the vines when planted this late and the vines will bear until frost. During this season there is usually considerable rain, causing the vines to make a good growth, and they will produce a good many cucumbers of pickle size. Mrs. S. N. Jobe.

Lindsay, Okla.

The New German Hand

The Hiawatha World tells of a stalwart young German who walked into the barn of a Brown county farmer and said: "Hey, mister, will you jop me?" "Will I what?" returned the farmer. "Will you jop me? Make me work yet already?" "Oh, I see, you want a job," said the hearer. "Well, how much do you want a month?" "Vell I tells you. If you eat me on der farm I come for five dollar, but for \$25 I will eat myself by Schmidts."

OUR SPECIAL OFFER.

To new subscribers: The Farmers Mail and Breeze until January 1, 1913, for 25 cents. Call over to your neighbor or hail him as he passes on the road, if he is not a subscriber to The Mail and Breeze, and tell him about this special offer. Earn your own subscription. If you send us 4 of these trial orders and the \$1.00 collected we will extend your time 1 year.

Asia to Buy of Our Breeders

Countries of the Orient and of Central and South America are expected to be heavy purchasers of purebred livestock at the Panama-Pacific Exposition at Francisco. The Pacific Coast states will also buy heavily. One prominent breeder has made the statement that the man who ships a purebred sire or dam or anything to the various divisions of the livestock department that is worthy will not have anything to return to

its point of origin. Writing to Farmers Mail and Breeze from North Portland, Ore., his temporary headquarters, D. O. Lively, chief of the livestock department, says the Exposition company has set aside \$175,000 for premiums, an amount which will doubtless be supplemented by the Registry associations and by legislative appropriations from some of the states.

A few days in the stubble field make a good change of pasture for the cows.

The Way to Reach

The Fertile Irrigated Valleys of
Colorado, Utah and New Mexico

"The Cream of the United States"

is by way of

The Denver & Rio Grande Railroad

"The Scenic Line of the World"

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

Valleys in Colorado

Arkansas
Animas
Crystal River
Eagle River
Grand River
Gunnison
La Plata
Montezuma

North Fork
Paradox
Roaring Fork
San Juan
San Luis
Shenandoah
Uncompahgre
Wet Mountain

Valleys in Utah

Green River
Price River
Provo
Salt Lake
San Pete
Strawberry
Uintah
Utah

Valleys in New Mexico

Chama
Española
San Juan
Taos

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

For free illustrated booklets, giving a concise description of "The Cream of the United States," address

Frank A. Wadleigh, General Passenger Agent, Denver, Colo. Dept. 216.

See
the
E-Z
SEAL



It is Sanitary, It is all Glass!

There are four good things about this fruit jar—the easy seal, the glass cap, the green tint and the big mouth. It takes most fruit whole.

It is all glass—that's another good thing. The "tin age" is past. No tin about this jar—no metal. Even the cap is glass—no twisting—nothing to taint the fruit. This season try

E-Z SEAL JARS

You can preserve all kinds of vegetables as well as fruit, and be sure they will "keep" in E-Z Seal Jars. Get our Free Book.

This jar is the housewife's joy—easy to fill, easy to close, easy to open and easy to clean. It is air-proof and light-proof—the jar that is sanitary.

Free Jar— Free Book

Cut out this coupon, take it to your grocer—he will give you one E-Z Seal Jar—FREE. Be sure and write for FREE Book of Recipes—it tells many things you should know. Get the jar from the grocer. Get the Book from us.



HAZEL-ATLAS GLASS COMPANY
Wheeling, W. Va.

1-Qt. E-Z Seal Jar At FREE for the Coupon

Please note—In order to secure free jar this coupon must be presented to your dealer before Sept. 1st, 1912, with blank spaces properly filled out.

HAZEL-ATLAS GLASS CO.,
Wheeling, W. Va.

This is to certify, That I have this day received one "Atlas" E-Z Seal Jar Free of all cost and without any obligation on my part. This is the first coupon presented by any member of my family.

Name _____

Address _____

TO THE DEALER:—Present this to jobber from whom you received E-Z Seal Jars. All coupons must be signed by you and returned before Nov. 1st, 1912. DEALER'S CERTIFICATE. This is to certify, that I gave away one "Atlas" E-Z Seal Jar to the person whose signature appears above.

Dealer's Name _____

Address _____

ORGANS \$10 to \$35

Shipped on approval. If you don't find them when received worth double what we ask, don't take them.

These are used organs of all makes, but they are in fine shape, and are good for many years' use. Payments if you wish.

We make this special offer for July only, as we are crowded for room. Write for our organ bargain list. A card will also bring you our free catalog of new organs, pianos and player pianos, and fully explain how you save money on an old reliable Kimball, by our factory to home selling plan. Address

W. W. KIMBALL COMPANY,
Dept. D., Topeka, Kans.
Largest piano and organ factory in the world. Established 1857.

The WOMEN FOLKS

Conducted by

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 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.

Headache medicines contain a poison which almost always hurts and sometimes kills. Please don't take them unless your doctor tells you to.

Headaches are just a sign post put up to say there is something wrong with the stomach, the nerves, or some other part of the body. Wouldn't it be more reasonable to cure the trouble than tear down the sign post?

Better slight some things for the next two months than to wear out during this hot weather. Some resting time every day is necessary for every woman who keeps up her strength.

Two classes of people worry about money—those who have too little and those who have too much. But most of us think we know which we'd rather be.

We have several requests for recipes this week. Mrs. J. C. W. of Jamestown, Kan., asks how to make dill pickles. Mrs. L. W. E. of Dunlap, Kan., asks for a sauer kraut recipe. And a subscriber from Winona, Kan., wants ways to cook parsnips, carrots and endive.

Handy Ironing Shield.

Everyone knows how difficult it is to keep tablecloths, curtains, skirts, etc., from becoming soiled while they are being ironed. This is my way: Take a piece of muslin about 4 inches shorter than the ironing board and 5 feet wide, and make a hem all round. Sew a tape to each corner, and finish tape with button and button hole. Put a small staple at each corner of the ironing board on the under side, put the tapes through these and button. This makes a pocket which holds the garments, keeping them free from dirt.—Phoebe Journey, Arapahoe, Neb.



The Canning Contest Decided.

Such a splendid collection of recipes was received in the canning contest it was hard to come to a decision, and it was a real sorrow to say to a perfectly delicious recipe, "You'll have to step back and give another your place." However, a great many of these recipes are to be printed this summer, so we shall all have the benefit of them. The prizes have been awarded to Mrs. F. B. Hunt, R. 2, Baldwin, Kan., Mrs. Walter C. Metcalfe, Ottawa, Kan., and Catherine E. Howe, Burlington, Kan., each of whom will receive a set of narcissus teaspoons. The time for strawberries is past, but lovers of these berries will clip Mrs. Howe's recipe and put it away until next year.

Winners in the Canning Contest

THREE SPLENDID RECIPES.

The canning of vegetables is more difficult than the canning of fruit because of the difference in the bacteria contained in them, which cause them to ferment. Both kinds are killed by heat, but the bacteria in vegetables can withstand a far greater amount of heat than the bacteria in fruit. The bacteria in vegetables reproduces itself by means of spores, or "eggs," and it is these spores which render vegetable canning difficult. The parent bacteria may be readily killed at boiling temperature, but the spores retain their vitality at that temperature for a long time. Upon cooling they will germinate, or hatch, and the newly formed bacteria will begin their destructive work. So it is necessary either to keep them at boiling temperature for about five hours, or for an hour at a time for three successive days. I find the latter way much better. The boiling the second and third days kills the new

bacteria just produced from the spores before they have time to develop other spores.

Test the jars by putting water in them, putting on rubbers and lids, and turning upside down to be sure they are air tight. Then put the raw vegetable in can and place the cans in a wash boiler or any receptacle that can be covered. Place a folded cloth on the bottom of the boiler, under the jars. Then put warmed water in the boiler up to within 2 inches of the top of the can. Pour over the vegetables in the can boiling water with 1 teaspoonful of salt to each quart, and fill to overflowing. Set the lids on but do not screw down. Boil 1 hour, keeping the boiler covered, then take from the fire and let set 15 minutes. Then remove the lids from cans and refill with hot water, for you will find that much water has soaked into the vegetables. Screw on lids, not too tight, and let sit until next day, then loosen the lids and boil again. Repeat the same process for the third day, then tighten lids firmly. When the water in the boiler is cool enough remove the cans and turn upside down for one hour, to be sure there are no leaks.

Any kind of vegetable may be canned this way, and with much less trouble than it seems from reading the directions. I can get 12 quart jars in my boiler at one time, or eight of the two-quarts. They can remain in the boiler until after the last boiling. Just set the boiler off the range each day until ready to boil again the next day.

Mrs. F. B. Hunt.

R. 2, Baldwin, Kan.

[It is sometimes well to pack cloth or straw between the cans in the boiler to prevent their joggling together while boiling, and breaking.—Editor.]

Strawberry Preserves.

I wash the strawberries carefully before they are stemmed by putting them in a colander and plunging them up and down in cold water. When stemmed I weigh them, and allow 4 pounds of sugar to 4 pounds of fruit. I put a layer of sugar in the bottom of a preserving kettle, then a layer of berries, another layer of sugar and a second layer of berries, with the remaining sugar on top. I put them away in a cool place for 2 hours, then put them over the fire and bring slowly to the boiling point. I then lift the berries out carefully with a small strainer, put into tumblers or jars while I let the sirup boil rapidly until it is reduced one-half. I then pour it, while hot, over the berries. When cold I cover the glasses with paraffine and paper. These berries keep indefinitely, retain their flavor and color, and are delicious. They can be sealed while hot in jars the same as canned fruit if preferred. Catherine E. Howe.

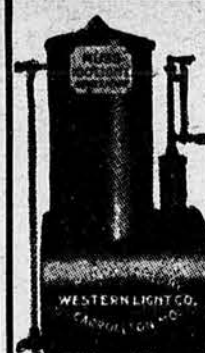
Burlington, Kan.

Green Tomato Catsup.

One peck green tomatoes, 1 large head cabbage, 2 dozen large onions, 6 large cucumbers, 1 dozen large tart apples, 6 pods red peppers, 2 cups brown sugar, 2 tablespoons allspice, 2 tablespoons celery seed, 2 tablespoons white mustard seed, 2 tablespoons salt, 1 tablespoon ground cloves, 1 tablespoonful mace, 1 tablespoonful turmeric, 1 tablespoon black pepper. Chop tomatoes very fine and place a layer in a sack with a light layer of salt, alternately, and hang up to drain. Next morning add to the drained tomatoes the cabbage, onions, cucumbers, apples and red peppers, all finely chopped. Put spices in a small sack and add them, with the seeds, sugar, and enough vinegar to cover the entire mixture. Boil slowly till tender and place in sealed jars. The apples give a most delicious flavor. Mrs. Walter C. Metcalfe.

Ottawa, Kan.

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



Gas Light for the HOME

Out-door Generators at one-third cost of inside plants.

Greatest Invention of age in Acetylene industry.

Safe, Simple, Automatic

Heavier material, superior workmanship. Covered with asphalt—preventing corroding or rusting. Easily cleaned. Frost will not affect it. Clear, bright, soft, white light, easy on the eyes—cheaper than any other.

Also Town Lighting Propositions.

Catalogue and full information upon request.

Western Light Co., Carrollton, Mo.

Experienced Agents Wanted. Save this Ad., may not appear again.

RUGS RUGS RUGS

Best quality Axminster Rugs at wholesale prices delivered to your station prepaid. Write for colored plates.

ORIENTAL RUG COMPANY,
Wichita, Kans.

Do You Want to Know the Truth About Lightning Rods

The Shinn system is doubly efficient. It is made right and installed right. My Bond given to each customer backed by a \$75,000 Surety Bond. Your banker will tell you it is perfectly good.

I Give You Lightning Protection

After my dealer puts Shinn Rods on your buildings, I will send an expert to inspect the work. The system must be scientifically and properly installed. That's what you get when you decide in favor of Shinn Lightning Protection. I will send you my descriptive catalog free. This book tells you all about lightning and shows why the Shinn System absolutely protects you. Write for it.

W. C. SHINN,
110 N. 16th St., Lincoln, Neb.

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 2½ 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 dollies, 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 25¢ 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.**

HOME DRESSMAKING

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



- 5329—Seven-Gore Skirt, 6 sizes, 22 to 32 inches waist.
 4634—One-Piece Apron, sizes 32, 36, 40, 44 bust.
 5658—Empire Dress, closed at front, 6 sizes, 32 to 42 bust.
 4632—Dressing Sack, 6 sizes, 32 to 42 bust.
 5763—Girls' Dress, having three-piece skirt, sizes 6, 8, 10, 12 yrs.
 5682—Ladies' Waist, 6 sizes, 32 to 42 bust.
 5630—House Dress, 6 sizes, 32 to 42 bust.
 5636—Boys' Russian Suit, sizes 2, 4, 6 yrs.
 5688—Three-Gore Skirt, closed in front, 5 sizes, 22 to 30 waist.
 5674—Misses' Petticoat, sizes 13, 14, 16, 18 yrs.

USE THIS COUPON FOR PATTERN ORDERS.

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

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

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

Name

Postoffice

State

R. F. D. or St. No.
 BE SURE TO GIVE NUMBER AND SIZE.

What Makes a Good Neighbor.

In the Mail and Breeze issued July 6 was an article entitled, "Is Prosperity to Blame," which I think is unfair to so many sociable people. In conclusion the writer said: "I can say to Mrs. L. she isn't apt to find a locality where the people are pleasant and sociable to live with if she stays in the belt where they have silos, big red barns and fine houses." From my own experience I differ with her. I was raised in one neighborhood, taught school in several other neighborhoods, am now married and live in an-



Hair Must be Fluffy—JAP ROSE Soap Makes It So

The first principle of sanitary cleansing is to soften. Yet ordinary soaps do not do that—especially if the water is hard. JAP ROSE softens the water, softens the hair, softens the scalp, and removes the dirt and excess oils. Oils that belong in the hair stay in it—not on it. JAP ROSE removes the waste matter and all dust, dirt and perspiration. It is remarkably beneficial to the entire hair and scalp tissue, and makes the hair extremely light, glossy, fluffy and attractive.

Simply wet the hair, rub JAP ROSE lightly on the hands and let the handfuls of bubbly lather do the rest. The appearance and feeling of your hair will be the best argument in the world for JAP ROSE. Try it today.

All Dealers Sell
JAP ROSE

MADE BY
KIRK

A Large Trans-
parent Cake 10c

Special Trial Offer: Send a 2c stamp and your dealer's name for a Free trial cake of JAP ROSE.
 JAMES S. KIRK & COMPANY, 287 Michigan St., Chicago



other neighborhood, and I never lacked a neighbor. This county is noted for its Chautauqua, its fair, clubs, picnics, and general hospitality. This is a rich farming section, and we have "silos, big red barns and fine houses." One thing I have noticed is that communities where a country church is the center, are far more sociable than others. But did "Lonesome" and "Mrs. Mitchell" ever think of it, that in order to have a neighbor you must be a neighbor? Don't stand on the half way line, put one foot across. I don't think prosperity is to blame, but more often that spirit of "speak first or I'll not speak to you."

Mrs. Glenn C. Fitch.
 Ottawa, Franklin county, Kansas.

Place to Cool Hot Pies.

By having a north window hinged so it will swing back against the wall a handy cooling box can be arranged. Just even with the window sill, on the outside of house, fasten a board the length of window and 12 inches wide. Brace it against the house with strong boards, then stretch mosquito netting from top of window down around sides and ends of the projecting board, and tack it there. Baked things such as pies, cake, bread, etc., can be put there to cool, and butter-milk, etc., set there to keep cool.

Mrs. George P. Ernenwein.
 Verona Station, N. Y.

This Means Clean Butter.

I find it a good plan to strain cream through a salt sack just before churning. It takes out all specks, and in fact anything that should not be in. The cleanest women get specks in their cream, but by using this little sack I always feel sure of having clean butter. I use a 25-cent salt sack. It is a nice size, not too large and not too small.

Mrs. Martha Sewell.
 Netawaka, Kan.

Faded Clothes Unnecessary.

Colored garments often fade while being washed, but they need not do so. Cut up 1/4 pound soap and boil till dissolved, then add a bit of alum and boil. Wash the things in this lather, but do not rub soap on them. Put alum in the second water and also in the bluing water.

Mrs. George Ernenwein.
 Verona Station, New York.

Makes a Better Fly Paper.

Mrs. Jacob M. Friesen of Jansen, Neb., whose rule for fly paper appeared in the July 6 issue of Mail and Breeze, writes that an error was made in printing the recipe. The proportion should have been 2 pounds rosin to 1 pint castor oil. Those who want to make their own fly paper will please notice this correction.

SPECIAL SUBSCRIPTION BARGAIN.

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.

It will pay in several ways to candle eggs before taking them to town.

MEN WANTED IN AUTO BUSINESS

Big demand for trained men. Earn from \$72.00 to \$125.00 per month. Learn all about automobiles in six weeks by THE "SWEENEY SYSTEM" of practical experience. In our machine shop, garage and on the road you learn by actual experience how to repair, drive, demonstrate and sell automobiles. Send for free catalog explaining The "Sweeney System" and showing views of the largest and best equipped auto school in the world. Write today. Now.

SWEENEY AUTO SCHOOL,
 1470 Woodland Kansas City Mo.

Farm Bookkeeping.

A special course in farm bookkeeping is offered by the Atchison Business College, Atchison, Kan. This is one of the old established colleges in northeast Kansas. For catalog and further particulars write A. F. Heck, Atchison, Kan., mentioning this paper. See ad on page 24.

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

BRACELET FREE



Given AWAY
 We will give, absolutely free, to the first girl in each neighborhood who writes us, this fine Adjustable, Signet Bracelet, guaranteed for five years. It is made of real rolled gold, with hand-somely chased links and highly polished, engraved signet disk with space for your initial. Just send us your name and address for 3 packages of our choicest embossed post cards to distribute among your friends on our special offer. When distributed, send us money collected and we send you this beautiful Bracelet in a pretty Satin-Lined Case, absolutely free. Your money refunded if you are not delighted. Address S. M. WRIGHT, 137 W. 8th, Topeka, Kan.

6 Beautiful Narcissus Silver Tablespoons FREE

To Match Our Teaspoons

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

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

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

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

Full Standard Length and Weight

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

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

Here Is Our Offer:

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

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

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

FARMERS MAIL AND BREEZE,
 TOPEKA, KANSAS.

Use This Coupon Now!

Publisher Mail and Breeze, Topeka, Kansas.

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

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

Name

Address

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



FARMERS CLASSIFIED PAGE.

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

HORSES, CATTLE, HOGS, SHEEP.

FOR a "High Roller" Jersey bull about ready for service, write Chester Thomas, Waterville, Kan.

REGISTERED Jersey bulls, out of cows making two pounds butter per day. U. A. Gore, Seward, Kan.

RED POLLS—27 year breeder of best farmers' cattle that live. Bulls for sale. D. F. Van Buskirk, Blue Mound, Kan.

WANTED—Best ton Percheron stallion I can buy for all cash. Give price and full description. C. Canatsey, La Harpe, Kan.

SEEDS AND NURSERIES.

ALFALFA SEED—First class grade alfalfa seed for sale. For prices and sample address David Badger, Eureka, Kan.

ALFALFA SEED—Offer extra quality alfalfa seed, non-irrigated, \$9.00 bu., delivered any station in state Kan. Sack free. Sample sent on request. L. A. Jordan, Winona, Kan.

WANTED—Names of parties growing Pearl or Cat Tail Millet, Beardless Barley, Popcorn, Alfalfa Seed and other items of interest to Seedsmen. There is money in this for you as our purpose is to buy. Address Box 2, care Mail and Breeze.

SEED WHEAT grown under the Campbell System. We have a limited amount of pure bred Turkey Red seed wheat grown on the Campbell Demonstration Farms at Akron, Colorado, and Holdrege, Nebraska, this year (1912). This wheat is of the Kharkoff strain, absolutely pure and clean and grown from seed recently imported. This particular strain is now regarded as the best yielder of all the varieties of winter wheat. We will ship to any address in amounts from two bushels up, at \$1.50 per bushel including sacks. If you want it double sacked, enclose ten cents per bushel extra. Send in your order at once. The first received will be the first filled. Address Campbell Soil Culture Co., Lincoln, Nebraska.

FOR SALE.

FOR SALE—Twenty-five thousand hedge posts. H. W. Porth, Winfield, Kan.

20-HORSE gasoline traction engine, practically new, \$750. Jesse Scott, Emmett, Kan.

FOR SALE—Fifteen horse gasoline tractor. Standard make. S. B. Vaughan, Newton, Kan.

THREE GREAT PIANOS—Steinway, Steck, Vose. Write for prices. Jenkins Music Co., Kansas City, Mo.

FOR SALE—One 10 h. p. portable I. H. C. gas engine; \$250.00; guaranteed in good condition. E. W. Thoes, Alma, Kan.

YALE Automatic Adding Machine, all parts made of steel, nickel plated and warranted accurate, \$1.00 prepaid. Yale Mfg. Co., Dept. M, Newark, N. J.

NEW white alfalfa honey, 60 pounds \$5.25, case 120 pounds \$10.00. Bulk comb honey, 58 pound can \$6.25, case 116 pounds \$12.00. Bert W. Hopper, 514 South Main St., Rocky Ford, Colo.

SHEET MUSIC—Latest popular hit, "Don't You Know the People Will Talk?" Written by a Kansas woman; everybody wants this song; it's great; order quick; 25c silver. W. H. Kessler, Leoti, Kan.

RETAIL lumber yard investment. Write us how much stock you can take in the retail lumber business. Safest and most respectable, permanent and profitable business; fully established; satisfied stockholders. Address Lumber, 1001 Waldheim Bldg., Kansas City, Mo.

FOR EXCHANGE.

MERCHANDISE for exchange. Realty and Merchandise Exchange Co., Newton, Kan.

NEW family rubber tired surrey for milch cows. Address 1013 Tyler St., Topeka, Kan.

52 ROOM brick com. hotel to trade for good alfalfa farm. R. A. Pontow, Cherryvale, Kan.

WANTED, to exchange nice property for small farm. Will consider western land. Address E. A. Benkenorf, Winfield, Kan.

AUTOMOBILE—Want automobile or what have you for good \$350 pianola player, with \$100 worth of music; fits any piano. E. M. Capps, Rich Hill, Mo.

WANT TO EXCHANGE equity in 1 1/4 acres and house at Topeka for equipment of small farm in N. E. Kansas Prepared. Farm to be leased to me for term of years. Am experienced, 36 years of age, lived in Nebraska and Kansas. Jno. Walter Mills, Gravette, Ark.

FOR SALE OR EXCHANGE.

FOR SALE or trade: One 1st class feed and grist mill. Address Tom Mitcham, Lehigh, Okla.

FOR SALE OR EXCHANGE—Mills, elevators, farms, etc. Write for our list. Iowa Mill & Elevator Brokers, Independence, Iowa.

NO COMMISSION—Sell or trade your farm, city property or business quick and without paying commission. I can save you time and money. Inclose stamp. W. C. Schiede, Siloam Springs, Ark.

WANTED.

E. R. BOYNTON HAY CO., Kansas City, Mo. Receivers and shippers. Try us.

LANDS.

HOMESTEADS—Special information. Riverside Kolona, Harrison, Ark.

GOOD 80 cheap. Near college. Would sell 40. Clarence Simpson, Miltonvale, Kan.

WANTED to list your property for sale or exchange. Termini Realty Co., Clay Center, Kan.

IMPROVED 160 acres Finney Co. farm to be sold to the highest bidder. Write for particulars. A. Rhea, Example, Kan.

CENTRAL MISSOURI farm bargain—Grains, grasses, fruit, timber, good water. Write Geo. R. Cleveland, Mokane, Mo.

BARGAIN—20 acres 8 miles west Lawrence, Kan., two lots in Platteo, Colo. Write me at once. Ben Anderson, Knox City, Mo.

FREE book 600 farms and other property for exchange by owners, all parts country. Blackwell Real Estate Co., Blackwell, Okla.

SELL YOUR PROPERTY quickly for cash. No matter where located. Particulars free. Real Estate Salesman Co., Dept. 5, Lincoln, Neb.

\$3,600 BUYS 160 acres, improved, 1/4 bottom, balance in grass. 400 acres, alfalfa farm, 157 acres now in alfalfa. H. H. Stewart, Wellington, Kan.

SEND FOR FREE descriptive list of farm bargains in southeastern Kansas. We can furnish photographs of all farms listed. Malsbury & Walrad, Erie, Kan.

FOR SALE—Lonoke county farms, truck growing, stock raising, corn, fruit and berries. Climate mild and healthy. Write R. E. Bradford, Lonoke, Arkansas, for information.

800 ACRES good farm land, fair improvements, all fenced. 180 a. broke, all tillable. Stock, tools, etc. \$20 per acre. Part time. Full description, address Owner, Box 57, Hanston, Kan.

160 ACRES, fine corn and bluegrass farm in Crawford county, Kansas. New five room dwelling, two barns, cribs, hog houses, small creek, no overflow. \$65 per acre. B. V. Gill, Chillicothe, Mo.

640 ACRES Hodgeman Co., Kansas. Smooth dark loam, 15 feet to water, one mile to German church. \$15 per acre. \$4,000 cash, balance 5 years 6 per cent. Box 38, Mount Hope, Kan.

I OWN 320 acres of good corn, clover and bluegrass land in Linn county, (north) Missouri, near Brookfield, fine for general farming, improved. Price \$55.00 per acre, \$6,000 cash will handle. Owner, John Billington, Meadville, Mo.

SPRINGFIELD has it—We always have what you want in city property or the best of farms, business chances and merchandise for sale and exchange. Write or call on the Greene County Realty Co., 309 College St., Springfield, Mo.

FOR SALE—Fine 480 acre farm near Midale, Sask., Canada; 400 under cultivation; seven room house, barn and other buildings; fine well; terms. Mrs. Mary J. Barrett, 104 N. R. St., Muskogee, Okla.

ARKANSAS FARMS, stock, grain, truck, fruit, poultry; no rock, smooth, level, fine roads, good markets, best climate, water and health; prices right; send for list and description. Edw. Hopkins, Kensett, Ark.

DELIGHTFUL OREGON: Famous Sutherland Valley orchard lands offer wonderful opportunities. Illustrated literature, maps, prices and particulars free. Luse Land & Development Company, Ltd., St. Paul, Minnesota.

GET YOUR CANADIAN HOME from the Canadian Pacific. Why farm on high-priced, worn out lands? Go to the rich virgin soil of Western Canada. Finest irrigated or non-irrigated lands from \$10 to \$30 an acre. Write for booklets on Manitoba, Saskatchewan and Alberta. G. M. Thornton, Colonization Commissioner, Canadian Pacific Railway, 112 West Adams street, Chicago.

STOCK FARMS and small ranch tracts. We will sell from the famous Spur Ranch (Texas) tracts from one section upward, (ideal cattle region, with enough fine farming land to raise winter feed. Are also offering straight farming lands beside the combination with grazing. For full particulars, address Chas. A. Jones, Manager for S. M. Swenson & Sons, Spur, Dickens county, Texas.

OREGON and southern Washington. Write before investing or coming West, so you can learn the facts about the Oregon country, its attractive climate and its agricultural and other opportunities. Official information gathered and vouched for by over 150 commercial organizations and by Oregon State Immigration Commissioner will be sent free on request; all inquiries answered in painstaking detail. For full information write to Room 637, Portland Commercial Club, Portland, Oregon.

FARM WANTED.

WILL BUY good farm. Well situated. Owners only. Give description and price. Addr. Coens, Box 754, Chicago.

FARMS WANTED. We have direct buyers. Don't pay commission. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 28 Palace Bldg., Minneapolis, Minn.

FARM WANTED—1st class farmer, in purebred hog business, wants to rent small farm well improved, close to good market, in central Kansas. Has some capital; would purchase same on easy terms. Best references. Address Box 84, Irving, Kan.

FARMS FOR SALE.

365-ACRE farm; \$50 an acre; will rent for \$1,250 a year. For information address L. C. Morton, Olivet, Kan.

ADVERTISE YOUR PROPERTY in Kansas Weekly Capital for quick and sure results. 100,000 circulation guaranteed—among best farmers in Kansas. Advertising rate only 25c per line of seven words. Address Kansas Weekly Capital, Adv. Dept., Topeka, Kan.

BUSINESS CHANCES.

PATENTS BRING WEALTH. Write for proof and new book which tells the kind that pay. Your idea may make your fortune. Alexander Wedderburn, Atty., Dept. M, Washington, D. C.

FOR SALE—Small lumber and coal yard in S. E. Neb. No competition. Present owners cannot give it personal attention. Will take six or seven thousand dollars to handle it. No trades. Simpson Lumber & Coal Co., Simpson, Kan.

DOGS.

SCOTCH COLLIE dogs, Fred Kucera, Clarkson, Neb.

GREYHOUNDS, Indian Runner ducks. B. Byers, Troy, Kan.

COLLIE PUPS for sale; magnificently bred. A. J. Benedict, Woodworth, Wis.

CHOICE collie puppies; ready now; catalog free. Lawndale Kennels, Hiawatha, Kan.

FOR SALE—Russian wolf hound puppies; parent stock probably best coyote killers in Kansas. Prices reasonable. Smoky Hill Ranch, Wallace, Kan.

PAIR old Russian wolf-hounds. Male \$5.00, female \$10.00. Eng. greyhound female \$5.00. White registered 3 month wolf-hound pups, females \$2.00. Must sell. J. R. Cox, 1619 Penn., Kansas City, Mo.

MALE HELP WANTED.

GOVERNMENT farmers wanted. \$60 monthly. Free living quarters. Write today. Ozment, 38 F, St. Louis.

GOVERNMENT WANTS EMPLOYEES. Write for list of positions open. Franklin Institute, Dept D 55, Rochester, N. Y.

WANTED—Post office clerks, city and rural carriers. Thousands needed. Examinations soon. Trial examination free. Write today. Ozment, 38, St. Louis.

SALESMEN wanted in Kansas, Oklahoma, Missouri and Arkansas. Work full or part time, as you prefer. Pay weekly. Outfit free. The Lawrence Nurseries, Lawrence, Kan.

WANTED—Fifty young men to learn telegraphy and accept positions in station service on the Union Pacific Railroad. Address R. H. Pentz, Supervisor, Kansas City, Mo.

WANTED—Active man in every lodge. To join this Society. Carry its sick, accident, death benefits. Get friends to join. Spare time. \$50 to \$150 a month. Write for particulars. Box BQ-293, Covington, Ky.

MEN AND WOMEN WANTED for Government jobs \$80.00 month. Write for list of positions open. Franklin Institute, Dept D 55, Rochester, N. Y.

500 MEN 20 to 40 years old wanted at once for electric railway motormen and conductors; \$60 to \$100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address F, care of Mail and Breeze.

YOUNG MAN, would you accept and wear a fine tailor made suit just for showing it to your friends? Could you use \$5.00 a day for a little spare time? Perhaps we can offer you a steady job. Write at once and get beautiful samples, styles and this wonderful offer. Banner Tailoring Company, Dept. 623, Chicago.

MEN WANTED for firemen and brakemen on railroads in Topeka vicinity; \$80 to \$100 monthly; promotion, engineer-conductor; experience unnecessary; no strike; age 18-35. Railroad employing headquarters; thousands of men sent to positions on over 1,000 official calls. State age. Railway Association, Dept. I, 227 Monroe street, Brooklyn, N. Y.

FEMALE HELP WANTED.

WOMEN AND GIRLS wanted to sell our up-to-date line of beautiful Post Cards; very latest styles; enormous demand; our agents make \$2 to \$6 a day in spare time; no talking or peddling necessary; our special copyrighted selling plan and a big package of beautiful samples for only 2 cts. to pay mailing expense if you mean business. Butler Post Card Co., 65 Capital Block, Topeka.

AGENTS WANTED.

WANTED—Men in every town in Mo., Kan., Ill., Neb., Okla., Ark., to take orders for nursery stock. Outfit free. Cash weekly. National Nurseries, Lawrence, Kansas.

WANTED—Five general agents in the state of Oklahoma. Mail application giving detailed information concerning past record with one bank reference. Circulation Department, Farmers Mail and Breeze, Topeka, Kansas.

HELP WANTED.

WANTED; MEN AND WOMEN; for Government positions. \$80.00 month. Annual vacations. Short hours. No "layoffs." Common education sufficient. Over 12,000 appointments coming. Influence unnecessary. Farmers eligible. Send postal immediately for free list of positions open. Franklin Institute, Dept D 55, Rochester, N. Y.

LOCAL REPRESENTATIVE WANTED. Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres., The National Co-Operative Real Estate Company, L 157 Marden Building, Washington, D. C.

PATENTS.

STEWART BROWN, Patent Attorney. Write for particulars. Address Wichita, Kan.

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

PATENTS THAT PAY. \$427,530 made by clients. 2 books—"What and How to Invent—Proof of Fortunes in Patents" and 112-p. Guide free! E. E. Vrooman, Pat. Atty., 885 F St., Wash., D. C.

TYPEWRITERS.

OLIVER VISIBLE TYPEWRITER for sale cheap. Perfect condition and does splendid writing. Could send on trial. Charles B. Rickart, Route 5, Rosedale, Kan.

AUCTION SCHOOL.

MISSOURI AUCTION SCHOOL, largest in world. Own largest living mule. 1404 Grand, Kansas City.

HOMES WANTED FOR CHILDREN.

THE Children's Aid Society of New York wishes to provide homes in the country for the many poor and homeless children who come under its care. The most of these children come from the best orphanages in and about New York and have been diligently trained and selected with care to fit the new family life into which they are to enter. If a mistake has been made in the choice or for any reason the child be not satisfactory, the Society bears the trouble and expense of its return. These children are of both sexes but are chiefly boys and range in age from two to fifteen years. If you apply for a child you should be prepared to satisfy the Society that you will furnish the comforts of a home; that you will treat the little one as a real member of your family by taking the place of father and mother to him as far as possible; that you will give him the education and moral training which will fit him to take a respectable, self-supporting place in the community. If you have never had a boy about you, you can hardly imagine how interesting he can be and how he can renew your interest in life by relieving you of many of the small cares of the farm. Let this Society send you a nice, active boy to run errands, hunt the eggs, bring the cows, or possibly send you a sweet little girl to cheer your household in return for the comfort and protection of an approved home. Kindly send your name and address telling about your home and desires and an agent of our Society will be pleased to correspond with you. Make your application direct to (Miss) Anna Laura Hill, Lindsborg, Kan.

MISCELLANEOUS.

MAKE DELICIOUS CAKE without eggs, butter or milk. Receipt 10c. Dainty Bakery, Wichita, Kan.

HARNESS—Our harness is correctly made and prices right. Write for catalogue. Ed Klein, Lawrence, Kan.

GLASS AND METAL POLISH. The best you ever saw or used. Trial box 10c. Kansas Chemical Co., Wichita, Kan.

GOING TO BUILD? We can save you money on your lumber bill. Prices and particulars free. Send address on postal. Keystone Lumber Company, Tacoma, Wash.

WILLIAMSON'S Lightning Powder cures sore necked horses. Wonderful discovery. Particulars free to horse owners. Send fifty cents for box. Write: Williamson Mfg. Co., Sheffield, Ill.

WANT INFORMATION?—If you want information of any kind any place; if you want to buy anything of any kind, write us. National Information & Buyers' Agency, Denver, Colorado.

KODAK finishing. High grade work, finished same day received. Eight years' experience. Send for sample print and price list. First roll developed free. J. C. Wolcott, 825 K. A., Dept. M., Topeka, Kan.

FREE ILLUSTRATED BOOK tells about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet A 68. No obligation. Earl Hopkins, Washington, D. C.

IF YOU WANT to send a Kansas paper to your friends, subscribe for the Kansas Weekly Capital—a whole year for only 25 cents. All the Kansas and Topeka news of the Daily Capital boiled down. The best weekly newspaper in the U. S. for the money. Address Kansas Weekly Capital, Dept. 14, Topeka, Kan.

MARKET PROBABILITIES

[Written Specially for the Farmers Mail and Breeze.]

No important change occurred in prices for cattle at Western markets Monday except quarantine grades were down 10 to 15 cents. Native steers in Kansas City made a new high record for that point at \$9.65, and lack of quality prevented new records at other markets.

Prices for cattle last week bobbed up and down with considerable uncertainty, but at the close of the week net changes were small, and could be attributed almost entirely to the inequalities in the supply. Early in the week supply was small and the market was on the up grade, in some cases as much as 35 cents showing over the low level of the preceding week. After Wednesday the market broke and while net gains remained for the best kinds the plainer grades lost all of the advance. Chicago scored a new high price at \$9.75, Kansas City at \$9.60 and Omaha \$9.50. The market for prime steers is within reaching distance of the \$10 level, and some market is liable to put that price over next week. While killers are rather willing to pay prevailing high prices for corn fat beef they are fighting prices for grassers, and the market all along the line shows considerable unevenness. Markets now are receiving about 35 per cent less cattle than a year ago and the supply is due to increase. Pasture men are holding their fat cattle at firm prices and at no time will it be easy to put up a drove of good fat steers at declining prices. Reports from Kansas, Oklahoma, Colorado, the Panhandle, New Mexico and Arizona indicate that pastures now are in excellent condition for this season of the year, and ranchmen will make use of the abundance of rough feed to increase their holdings. At the same time there is small chance for large supplies finding their way into corn belt feed lots. Killers are complaining of the high cost of beef, and there has been a noticeable falling off in the demand from small slaughter houses, indicating that the high price for cattle, live weight, has put them out of business. The range in prices for beef steers is from \$5 to \$9.75, and only a small per cent are vended below \$6.

Midsummer Butcher Cattle Prices.

The supply of grass fat butcher cattle has come to the front, but that position has been usurped by them because there are practically no fed cows and very few fed heifers available. Cow prices range from \$2.25 to \$6.50, and heifers \$3.50 to \$8.85, but bunches that bring above \$7.50 now are exceptions. The butcher is having to gather his cattle from the grass fat kinds, and the market is on the midsummer basis. Some range cows have been marketed at \$4 to \$4.75, unusual prices, and indications are that canning beef will be the scarcest ever known. Veal calves are in strong request with prices up 20 to 25 cents. Bulls were quoted off a quarter.

Prompt Rally for Feeders.

The decline in prices of stockers and feeders two weeks ago brought out a strong demand this week and prices moved up 25 to 35 cents. The short supply is the feature of the season and cattlemen see no prospects for a material increase. More cattle must be raised in the Southwest or corn belt feeders will have to share feed lots with breeding pens.

The hog market showed an advance at the outset Monday and closed under Saturday. Late weakness in the market was due to packers' indifference. The top price in Chicago was \$7.72½, in St. Louis \$7.70, in St. Joseph and Kansas City \$7.55, and in Omaha \$7.35.

The most important change in the hog market last week was a stronger demand for medium and light weight grades, and a rather indifferent demand for the heavier classes. This resulted in the light and medium weights, from 185 to 225 pounds, selling at a premium over heavies. This change is not unreasonable for this time of the year; in fact, the transposition in prices has been expected for several weeks. From now on hogs, according to weight, will occupy about the same relative position as at present. The tendency in the market early last week was upward, but after Wednesday prices fell back and Saturday heavy hogs were 5 to 10 cents lower than the preceding week's close and medium and light weight grades 5 to 10 cents up.

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	22,600	33,600	25,000
Chicago	41,000	119,000	90,000
Omaha	5,100	50,800	20,400
St. Louis	16,700	45,000	21,200
St. Joseph	5,200	34,500	6,200

Total

Preceding week

Year ago

The following table shows receipts of cattle, hogs and sheep at the five Western markets Monday, July 15:

	Cattle	Hogs	Sheep
Kansas City	11,275	4,600	5,500
Chicago	16,000	35,000	26,000
Omaha	2,000	4,300	8,500
St. Louis	4,500	7,500	4,000
St. Joseph	1,300	4,000

Total

Preceding week

Year ago

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:

The horse and mule market continues to show summer dullness. A few good heavy horses and several loads of mules

Horse Trade Still Quiet.

The horse and mule market continues to show summer dullness. A few good heavy horses and several loads of mules sold in the past week, but the rest of the trade was in transfers and light expressers. The total volume of business was small, but in keeping with this season of the year. Dealers quote no important change in prices, though they say quality and demand is a very strong factor in keeping prices up. On auction days the supply has been less than 200 head of horses and about 100 mules. Reports from the East indicate that demand has been broad, and this may reflect a better inquiry at western markets in the next week or two.

Butter, Eggs and Poultry.

Elgin, July 15.—Butter this week is firm at 25 cents.
Kansas City, July 15.—Prices this week on produce are:
Eggs—Firsts, new white wood cases included, 18c a do.; seconds, 13c.

Deep-Tilling

Like Spading Whole Farms by Hand!

The saving and profit, the figures and facts of deep-tilling are all given in an 80-page book called "The Bulletin." We'll send it to you free. We'll send also another book describing the Spalding Deep-Tilling Machine. It shows how this machine tills almost any land from 12 to 16 inches deep—how it pulverizes and mixes the soil, leaving a perfect, garden-like seedbed all in one operation—how this seedbed holds the winter rains throughout the worst droughts the country has known—and how Spalding owners in these very drought seasons paid for their machine with the extra crops grown

while their neighbors' crops burned. Almost magical yields have come from Spalding deep-tilling on over a thousand farms! We have hundreds of letters from farmers who know what the Spalding does. Some have used it on land such as yours. Read what they say. You ought to know all about deep-tilling and about the Spalding Deep-Tilling Machine, so get these books today. Cut out this ad as a memo to write for them

C. E. CRAIG, Malvern, Iowa, writes: "The yield from the 15 acres (deep plowed) was 50 bu. per acre of corn, whereas the yield from the shallow plowed was 35 bu. per acre."

Spalding Deep Tilling Machine

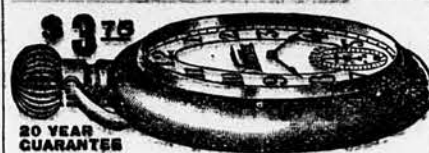
Spalding Dept. AH 7
Gal. Mfg. Co.
Albion, Mich.



The Schultz Hog Oiler

Guaranteed to rid your hogs of lice, no matter how badly infected, and to keep them free from same; to cure and prevent mange and keep the hog's skin in a clean and healthy condition. NO EXPENSIVE PATENT DOPE NEEDED. The oiler is indestructible and will last a life time. Keep the reservoir filled with crude oil and the hogs will do the rest. It works automatically. No waste of oil. Cheapest and most efficient device known to keep hogs free from parasites. Price \$16. Two for \$31. Send for Hog Oiler Book.

Power Creek Farm & Mfg. Co.
Treyner, Iowa



Eleven Jeweled

Genuine eleven jeweled Railroad watch, worth \$45 to anyone who requires an accurate, reliable timekeeper and a watch that will last a lifetime. Locomotive on dial, stamped and guaranteed eleven jeweled, frequent hairpring, patent regulated, quick train. Fitted to be over or under time, with adjustable compensating device, both case and works absolutely guaranteed for 50 years. To advertise our business, make new friends and introduce our great watches we will send this elegant watch to any address by mail postpaid for ONLY \$3.75. Send this advertisement with \$3.75 and watch will be sent to you, return mail paid. Satisfaction guaranteed or money refunded. Send \$3.75 today. Address R. E. CHALMERS & CO., 538 So. Dearborn St., CHICAGO.

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.

Effect of Seed Crop on Alfalfa

Many alfalfa growers believe the maturing of a crop of seed is hard on the plants' vitality and some hesitate to grow two seed crops in successive years from the same field even with favorable conditions. Authorities do not hold to this belief. Investigations indicate one seed crop is less injurious than two cuttings of hay during the same period. Injurious effects are often noticed in an alfalfa field after a heavy seed crop has been harvested but this is probably due more to the drouthy conditions that go to make a good crop of seed rather than to the crop itself.

Produce Prices Now and One Year Ago.

	Butter	Eggs	Hens
1912 1911 1912 1911 1912 1911			
Chicago...	25	24	17½ 14½ 13½ 12
Kan. City..	24	23	18 19 12 9½

Cotton Market.

Galveston, Tex., July 15.—COTTON—Market lower, 12½c.

If it is necessary to mix new milk with that of a previous milking wait until the former has had a chance to cool.



The above picture shows the office force, and a portion of the great Administration Building of the Wm. Galloway company at Waterloo, Iowa. This immense business has been built up within a dozen years. It is now one of the country's big manufacturing establishments. Its business extends to every portion of the country and it has been built upon the basis of fair dealing.

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 Gaines, Iowa, 334 Chamber of Commerce Bldg., Omaha, Neb.
G. E. Hall, Nebraska, 334 Chamber of Commerce Bldg., Omaha, Neb.
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. 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, Bradyville, Iowa.
Aug. 21—F. G. Laptad, Lawrence, Kan.
Aug. 28—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—L. E. Walter, Effingham, Kan.
Oct. 16—Harry Wales, Peculiar, Mo.
Oct. 18—W. E. Long, Meriden, Kan.
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. R. Mingle, Anthony, Kan.
Oct. 25—J. J. Hartman, Elmo, Kan.
Oct. 26—R. B. Davis, Hiawatha, Kan.
Nov. 1—Walter Hildwein, Fairview, Kan.
Nov. 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. 18—J. H. Harter, Westmoreland, Kan.

Duroc-Jersey Hogs.

Aug. 2—R. J. Harding, at Carson, Ia.
Aug. 13—F. C. Crocker, Filley, Neb.
Aug. 21—F. G. Laptad, Lawrence, Kan.
Aug. 31—J. R. Blackshire, Americus, 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. 12—Lant Bros., Dennis, Kan.
Nov. 13—Sam. Drybread, Elk City, Kan.
Jan. 22—Thompson Bros., Garrison, Kan.
Jan. 25—Glenn Keesecker, Washington, Kan.
Jan. 31—W. H. Seddon, Persia, Ia.
Feb. 5—Samuelson Bros., Cleburne, Kan.
Feb. 6—Samuelson Bros., Blaine, Kan.
Feb. 7—A. T. Cross, Guide Rock, Neb.
Feb. 8—Geo. E. Garrett, Bloomington, Neb.
Feb. 11—H. H. Shaw, Elkhorn, Neb.
Feb. 20—Geo. W. Schwab, Clay Center, Neb.
Feb. 22—Geo. F. 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 Nebraska.

BY J. W. JOHNSON

Mr. C. O. Anderson, Manhattan, Kan., a Duroc-Jersey breeder at that place, reports business good. He has recently purchased

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. I am receiving new inquiries most every day and selling quite a few. Look for several orders in the next two weeks. I am really surprised as to advertising. It is the only way to sell hogs.

EDGAR DOOLEY,
Breeder of Poland Chinas.
Etterville, Mo., June 25, 1912.

Farmers Mail and Breeze, Topeka, Kan. In answer to your letter I beg to state that I was very much pleased with the advertising I did in your paper. Every advertisement that I placed with you with one exception, has brought me lots of answers and I have taken pleasure in recommending your paper to a number of my friends.

F. E. SCOTT,
Real Estate Dealer.
Kansas City, Mo.

Every week for years Farmers Mail and Breeze has printed voluntary letters from its advertisers and different letters are printed every week.

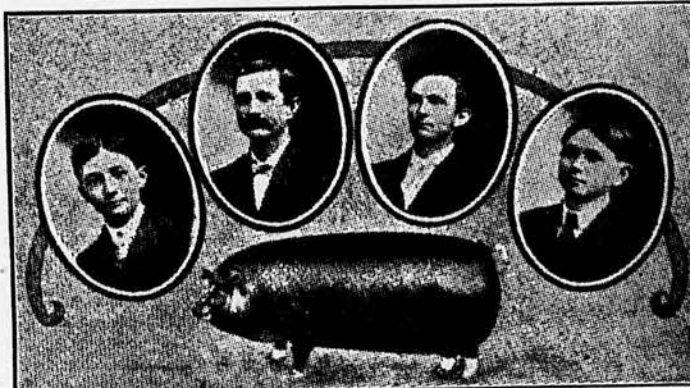
a new auto and will be pleased to meet prospective buyers or anyone interested in Duroc-Jerseys. He has been shipping a choice of his spring pigs and just shipped a choice of spring farrow to an old customer in West Virginia. Mr. Anderson says it takes a little experience to ship safely any distance this kind of weather but he has never had any trouble and guarantees to furnish another pig as good to anyone who loses his pig in this manner. He has a couple of spring farrows out of the show sow Baxter's Model. They are litter mates to the one that Mr. Baldwin, of Conway, Kan., bought. Mr. Anderson also has some April gilts that are good and big enough to ship. Also a few gilts, bred for September and October farrow. Here is the post card received from Mr. Baldwin: "Conway, Kan., June 27.—Mr. C. O. Anderson, Manhattan, Kan. Dear Sir—The pig you sent me came in fine shape and we certainly are very well pleased with it. I believe it would be good enough to show at some of the fairs this fall. We also received the registration papers. Very truly,"—R. W. Baldwin, Conway, Kan.

Shorthorns or Poland Chinas.

S. B. Amcoats, Clay Center, Kan., has sold all of his Shorthorn bulls but one and he will likely go in a few days. He is offering a few cows and heifers for sale that are the equal in breeding and individual merit of any that are being offered in this section of the country at the present time. He is also offering 40 spring pigs of either sex. Mr. Amcoats has one of the real good herds of registered big type Poland Chinas in northern Kansas. They are the stretchy kind with lots of bone and size. Write for full information about cattle and hogs. Note change of ad in this issue.

Immured Poland Chinas.

L. E. Kline, Zeandale, Kan., is offering a few choice fall gilts bred for last of August and September farrow. They are bred to Chief Price, by Chief Price Again. Mr.



Klein secured this boar in Iowa last season. He is bred along lines that are popular in that state and it is new breeding that is becoming popular in Kansas. Chief Price Again was sired by Long King. The gilts bred to this boar were sired by Toulon Prince and other boars. They are a nice lot and are being priced to move them quick. All of the spring pigs are by Toulon Prince and out of Mr. Klein's choice herd sows. Everything is bred along strictly big type lines and the herd is one of the real strong herds of the state. If you are in the market for a few choice bred gilts for August and September farrow you better write Mr. Klein at once as he is offering some real bargains in these gilts. The whole herd is immune, having been vaccinated by Dr. Rubin of the Agricultural College. Mr. Klein can ship over the Rock Island, Union Pacific and Santa Fe. Look up his ad in this paper and write him for prices and descriptions.

Iowa

GRANT GAINES.

Podendorf & Rainier Sale.

Visitors to the Nebraska State Fair last year will recall the big massive yearling Poland China boar that won grand championship. We speak of Chief Price Again by Chief Price Again. On August 5, Messrs. Podendorf and Rainier of Logan, Iowa, owners of Chief Price Again, will offer a grand lot of sows bred to Chief Price Again. These sows are bred for early farrow and buyers of same will have a fair chance to raise another Chief Price Again. The boar offering will please all who are looking for size, bone and quality. There are several fall boars that are great prospects for outstanding herd headers and we urge boar buyers to be on hand sale day. A good yearling boar by Big Chief and out of Lady Price 2d should be looked after. We cannot urge too strongly your being present at this sale. Those who are going to attend the week's circuit can come to Logan on Monday and go with the bunch in the evening to Clarinda. Messrs. Podendorf and Rainier will appreciate your presence and if you are in the market for a bred sow or herd boar you will do yourself an injustice not to be present. The catalog of this sale is ready, and will be sent you on request. Write today for it, and mention Farmers Mail and Breeze. Don't fail to do this. Send bids to Grant Gaines. He will handle them in your interest.

Harding's Summer Sale.

Farmers and breeders of Kansas and the Southwest will thank the writer and Farmers Mail and Breeze if they avail themselves of the opportunity offered them by R. J. Harding, who sells one of the most select lots of Duroc-Jersey bred sows and herd boars he ever offered for sale. Mr. Harding sells at Carson, Iowa, on August 2. The offering has been closely scrutinized by the writer and we can say to readers of this

paper who are interested in Duroc-Jerseys, or who may become interested in them, don't neglect the opportunity to be on hand at this sale. The Duroc fraternity knows Mr. Harding and his reputation as a breeder of high class Durocs and we can say, without fear of contradiction, that the offering you will see at Carson, Iowa, August 2 will not disappoint anyone wanting the best there is in Durocs. There will be about 15 sows bred for fall farrow to Col. Gano. We have said something in these columns before about Col. Gano. He is the biggest, smoothest Duroc boar we know or have known and he breeds just that kind. We have seen many of his get as pigs and yearlings and they all possess that classiness that marks them a distinction over pigs by other boars. Col. Gano is a half ton boar and he is fleshed symmetrically and mellow. He is going to get in the money this fall and a litter by him will make lots of money for the man who owns one. A word about the popularity of Col. Gano. His pigs are sought by good breeders from everywhere in the corn belt. We know men who have made a "still hunt" for them, willing to pay long prices for them, but owners will not sell. On August 2 you can buy a limited number of sows bred to him and it will be the wise men who buy them. The sows bred to him are high class. You would not expect an inferior sow to be mated to a boar like Col. Gano. The boars in the sale are sons and grandsons of Ohio Chief, Nebraska Bell and other boars and sows of equal fame and class. A great son of Ohio Chief is selling and he is a breeder of excellent stuff. Any one looking for a herd boar should not overlook Mr. Harding's offering and no one who wants the blood of improvers of the breed can afford to stay away. Mr. Harding wants to send you his catalog and asks you to write him a request for it. If you come to this sale we know you will not feel your trip has been in vain. Carson is reached from the main lines of both the Burlington and Rock Island railroads. Come and look over a good lot of northern grown Durocs and meet a live bunch of northern breeders. Write today for catalog.

Pfander's Giant Polands.

August 7, J. W. Pfander & Sons, Clarinda, Iowa, will make one of the best sale offerings they ever made from their herd of giants. There will be 15 spring pigs by the great A Wonder, 13 of which are boars. The three fall boars by old Long King are the last that will ever be offered for sale, and one of these is an outstanding prospect. For a high class herd boar, no

LIVESTOCK AUCTIONEERS.

COL. HOMER BOLES, Randolph, Kan.
Livestock and General Auctioneer.

COL. L. R. BRADY, LIVESTOCK AUCTIONEER
Manhattan, Kan. Write or wire for dates.

Col. S. B. Young, Glasco, Kan.
Livestock Auctioneer. Write for dates.

SAM W. KIDD, Live Stock Auctioneer
Kansas City, Mo.
My price cut in two. Any sale \$25.

JOHN D. SNYDER HUTCHINSON, KAN.
Auctioneer
Pedigreed Live Stock a Specialty.

T. E. GORDON, WATERVILLE, KANS.
Livestock and Real Estate Auctioneer.
WRITE FOR DATES.

JAS. W. SPARKS Live Stock Auctioneer
MARSHALL, MO.

Col. J. R. LOYD, ATHOL, KANSAS.
LIVESTOCK AUCTIONEER.
Write for terms and dates, and references.

COL. FRANK REGAN,
ESBON, KANSAS.
Livestock Auctioneer. Write for open dates.

W. H. Trosper, Auctioneer
Livestock and Farm Sales my Specialty.
FRANKFORD, KAN. Write for Dates.

LAFE BURGER
LIVE STOCK AND REAL ESTATE
AUCTIONEER
Wellington, - - - Kansas

COL. RAY PAGE
FRIEND, NEB.
Livestock Auctioneer. Write for Dates.

FRANK J. ZAUN
FINE STOCK AUCTIONEER
Independence, Mo.
Bell Phone 975 Indp.
"GET ZAUN. HE KNOWS HOW."

Col. Oscar H. Boatman
Irving, Kansas
Livestock Auctioneer
Graduate American Auction School
Write for Dates

Bergner & Sons' Coach Horses

65 HEAD 65 HEAD
What do you know about the Coach Horse? Do you want to know more about the Coach Horse?

German Coach Horses

are the best general purpose horse for the farmer. They have size, beauty, action, endurance and intelligence and mature early. They stand gracefully both hardships of usage and climate. Many a farmer does not know what a great farm horse the coach horse really is. Let us tell you more about him and you will want him. We are offering young stallions and fillies, also mares in foal to the imported Oldenburg Coach Stallion Mephisto 421. Call on or write, J. C. Bergner & Sons, "Waldock Ranch," Pratt, Kan.

The Best Imported Horses One thousand each. Home-bred registered draft stallions—\$250 to \$650 at my stable doors. A. LATIMER WILSON, CRESTON, IOWA.

Belgian and Percheron Stallions and Mares

Imported and Home-Bred.
For Sale at Attractive Prices.
Blue Valley Stock Farm
Blue Mound, Linn Co., Kan.

LIVESTOCK AUCTIONEERS

Col. D. F. Perkins, Concordia, Kan.
Up-to-date methods in the Auction business. Purebred stock sales and big sales generally. Write for dates.

Col. N. S. HOYT, Mankato, Kansas,
Livestock Auctioneer. Big Horse and other Stock Sales a specialty. Terms reasonable. Special service to breeders.

Chas. E. Reeble, Emporia, Kan.
Pure Bred Live Stock and Real Estate Auctioneer.
Speaks German. Write or wire for dates.

H. S. DUNCAN,
Live Stock Auctioneer,
Clearfield, Ia.

R. L. HARRIMAN,
Live Stock Auctioneer,
Bunceton, Mo.

MISSOURI AUCTION SCHOOL

Largest in the world and only school where students are given actual practice in sale of all kinds of property and have an opportunity to see the largest mule in the world.
TERMS OPEN Aug. 5, at Trenton, Mo., and Oct. 7 at 14th and Grand Ave., Kansas City.
W. B. Carpenter, President, Real Estate and Live Stock Auctioneer

OIL - OIL - OIL

WHOLESALE PRICE TO CONSUMERS—Combining best quality with low price. NO WATER IN MY KEROSENE OR GASOLINE.

XXX 46 gravity water white kerosene	\$5.50 for 52 gal. bbl.
XXX 42 gravity kerosene (the kind usually sold)	\$4.50 for 52 gal. bbl.
XXX 64 gravity gasoline	\$7.50 for 52 gal. bbl.
1 case graphite axle grease (2 doz. 3 pound pails)	\$3.50
40 gravity prime white stove distillate	\$4.00 for 52 gal. bbl.
38 gravity stove distillate	\$3.75 for 52 gal. bbl.
60 gallon (26 gauge) galvanized steel tank with pump and hood cover complete—a great convenience in every home	\$3.60
Extra heavy pure crude oil, steamed and settled, (black oil) good lubricant, just the thing for greasing tools	\$3.50 for 52 gal. bbl.
STANNARD'S PROCESSED CRUDE OIL, the best dip made for killing lice and curing mange. One application will do more to kill lice and cure mange than three applications of any other dip made (it destroys the nits)	\$5.00 for 52 gal. bbl.

I also carry a full line of lubricating oils.
I pay \$1.25 each for all barrels returned to me at refinery in good order, freight prepaid. Send the money with your order.
C. A. STANNARD, BOX M, EMPORIA, KAN.

SHORTHORNS.

Milk and Beef Combination. Herdless Shorthorn Cattle, Oxford Brown Sheep, Bourbon Red Turkeys. J. E. WALKER, LATOP, MO.

JOHNSON'S Shorthorns 20 HEAD including 5 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, Ka.

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, GIBARD, KANSAS.

True Goods 337574

by Fair Goods, dam Rosie 17th 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

5 bulls from 22 to 30 months. Roans and reds. Scotch Tops. Address, L. M. NOFFSINGER, OSBORNE, KAN.

Shorthorns-Poland Chinas

Choice cows and heifers for sale and 40 spring 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

WANTED SHORTHORN SHOW BULL

We have a customer for a high class Shorthorn show bull that will show in the aged class the coming season. Scotch breeding and type preferred. If you can fill this order, act quick, giving complete description, breeding, etc. Address BREEDER, care Farmers Mail and Beeze, Topeka, Kan.

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.

HEREFORDS.

MATHEWS HEREFORDS

Big, strong yearling bulls, also extra good cows and heifers, strong in Anxiety 4th blood. Special prices on car lots. Write today. 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

ABERDEEN-ANGUS.

RIDGE PRAIRIE ABERDEEN ANGUS. Butger Heatherston 2d 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 reg. bull; granddam record of 591 lbs. butterfat, well marked; also few Duroc Jersey spring pigs. John Ferreault, 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.

to A Wonder. Concerning the boars these 20 sows are bred to, we can say that the value of the sows bred to A Wonder is hard to compute. The other boars used are Big Ben, a full brother to Henry Vandenmeyer's Big Joe. Big Jumbo 2d is by Mow's Big Bone, the sire of Big Jumbo and grand sire of Big Jumbo 2d. They are all growthy, promising yearlings and will sire good pigs mated to the good sows in the sale. We want every reader to get a catalog of this sale and either be on hand at Clarinda, Iowa, August 7, or be represented with bids. If you want good Polands you cannot afford to miss this sale. Send bids to Grant Gaines.

McClarnon-James Offering.

Last year when the August sales were held at Clarinda, several auto loads of visitors to these sales made a morning detour to Mr. McClarnon's herd at Bradyville. Practically every man expressed himself more than paid for his time and over a dozen begged Mr. McClarnon to price some of his herd sows. Lew told them all he could not sell them and stay in the business and turned down a half dozen offers of \$250 for several of his big beauties. Mr. McClarnon has proved his judgment was right for these same sows farrowed a great bunch of pigs by the peerless Big Orange and Mr. McClarnon sold during the fall and winter 70 head of weanlings on mail orders at an average of \$77.50 and sows bred to Big Orange made an average of \$94. Gilts and sows bred to Colossal averaged \$95.80. This is what can be done with the kind of hogs Mr. McClarnon breeds. On August 8, Mr. McClarnon will sell jointly with Mr. J. O. James at Bradyville the greatest lot of sows he ever put in a catalog and they are mostly bred to Big Orange and Colossal for early fall farrow. The boar offering is the equal of any Big Orange ever sired. They are big bone, growthy and smooth, and are the making of extra big boars. No one in the boar market can go wrong coming to this sale. We are certain you can find your needs here. Write for catalog of this sale and if you can't attend send your bids to Grant Gaines. He will treat you right.

Lawson's Big Sale Offering.

Readers of this paper are asked to turn to the advertisement of the two big sales of high class Poland Chinas to be held at Clarinda, Iowa, on August 6 and 7. These sales will afford a grand opportunity to buy at your own price some of the very best modern Poland Chinas that have yet been



produced. In the boar offering John E. Lawson is putting in one of the best spring boars that this writer has seen. He is Long Wonder Jumbo by Long King's Equal and out of a sow by A Wonder. He is in a class by himself and whoever wants an outstanding boar prospect should not overlook him. Long Equal by Long King's Equal is a yearling that stands 33 inches high on a 9 inch bone. He will make a half ton hog and then some, and is the right kind for anyone needing a herd boar. He is a half brother to Jumbo Prospect, conceded to be one of the best boars in western Iowa, and who weighs 115 pounds. Jumbo's Equal by Long King's Equal is out of Lady Jumbo 9th, who produced last year the \$382.50 litter. If you are in the boar market don't overlook this sale lot. In sows you will find them fit to go into any herd and they are bred for September farrow to Long King's Equal and A Wonder Jumbo. There are two fine sows by A Wonder, two by Jumbo Prospect and six by Long King's Equal. In all there are 18 bred sows. Look up Kokomo 2d out of Kokomo Girl, that was bought last year by an eastern breeder at a long price. Mr. Lawson will surprise you with the many good things he will have sale day. The hogs he raises are the kind that bring the money. His sale last winter made the second highest average made in Iowa for the year and it was made because he had the goods that the people demanded. Arrange to be on hand August 6 at Clarinda, Iowa, or send some good bids to Grant Gaines, who will represent this paper. Write Mr. Lawson for catalog.

Kansas, Missouri and Iowa.

BY C. H. WALKER.

J. E. Weller, Paucett, Mo., is making attractive prices on bred Duroc gilts and a few choice boars of both spring and fall farrow. Mr. Weller has one of the good Duroc herds of the state.

For the best in old fashioned, spotted Poland Chinas write Edgar Dooley of Eterville, Mo. The Eterville Breeding Farm makes a specialty of such stock. They can furnish pairs or trios not akin.

O. K. Lad, the great Poland China boar, heads the herd of C. L. Branic, Hiawatha, Kan. Mr. Branic has one of the top herds of the country and will this fall make an

DAIRY CATTLE.

Dutch Belted and Holstein male and female calves for sale from exceptionally good milkers. Springdale Stock Ranch, Concordia, Kan.

HOLSTEINS

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

LINSOTT JERSEYS

Only registered herd of merit in Kansas. A grand son of Golden Fawn's Lad—bred for butter—and 20 cows and heifers for sale at moderate prices. R. J. LINSOTT, HOLTON, KANSAS

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 28. IRA BOMIG, Station B, TOPEKA, KANSAS.

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 Cambridge 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.

RED POLLED CATTLE.

Foster's Red Polls

Write for prices on breeding stock. C. E. FOSTER, R. R. 4, El Dorado, Kansas

RED POLLED BULLS

and heifers by Actor 7731 and Launfal 13221. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Figs. Write or come. CHAS. MORRISON & SON, Phillipsburg, Kan.

POLLED DURHAM.

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 Brawith 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.

MULE-FOOTED HOGS.

Mule Foot Hogs Bred sows and pigs in pairs, not mated. Pedigrees furnished. ZENE G. HADLEY, WILMINGTON, OHIO

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 gilts, spring pigs mated, no kls. 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 Farm..... 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 20737; 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 trios 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 bull, 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 breeds to sell. W. C. STENZEL, FLMDALE, KANSAS

Wittorff's Hampshires Best blood lines, bred cows and gilts, spring pigs, pairs and trios unrelated. Descriptions guaranteed. F. C. Wittorff, Medora, Wis.

Pure Bred Hampshires

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

HAMPSHIRE HOGS 30 tried and 50 bred for Spring farrow, including my SHOW BORN. Also Boars ready for service and spring pigs not akin. C. W. WELSHBAUM, Attamont, Kan.

15 Yearlings and a few bred for August and September litters to Corrobor 3213. 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. L. W. LAYLOCK, 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, 20 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. Undeated young herd bred by exhibitor, three state fairs. C. G. NASH, ESKRIDGE, KANSAS.

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

BERKSHIRES, SHORT-HORNS and JERSEYS FOR SALE—25 boars by Robins Hood Premier 2nd or Rival's Lord Premier, and out of sows representing such sires as Imported Baron Compton, Berryton Duke and Premier Longfellow. Also a choice Shorthorn bull calf by Silk Goods and out of a show cow. W. J. CRIST, :: 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 Robins Hood, at very attractive prices. We are also booking orders now for some very nice gilts bred for early fall farrow. We will sell two tried sows bred for Sept. farrow. Sutton Farms, Lawrence Kansas.

Berryton Duke Jr.

DUROC-JERSEYS.

FASHIONABLE BRED DUROCS
Graduate Col. at head of herd. Gilts bred to him and spring pigs either sex by him.
Royal Scion 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.

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. 112779. 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 spring pigs, over 100 head to select from, sired by Col. Wonder 112303 and Mo. Climax. Litter mates 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. WELLER, 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, Goff, 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. 23279a, Crimson Prince 69527, Ruby's Chief 10417, 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.

SPRING BOARS READY TO SHIP.
Unexcelled in breeding and quality. A few from State Fair prize winners. Over while young and save express. For prices on young stock address
C. O. ANDERSON, MANHATTAN, KANSAS

DUROCS
Great crop of spring pigs. Tried sows for August and September farrow, bred to our great boar, Good E. Nuff Again King.
W. W. Otey & Sons, Winfield, Kan., "The Men With the Guarantee."

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. TIGER, HARRAH, OKLAHOMA.

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 all ages. 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 it.
D. O. BANCROFT, OSBORNE, KAN.

BUY CHAPIN'S DUROCS

25 tried sows, bred for Sept. farrow, \$35 to \$50. 7 summer gilts, bred for Sept. farrow, \$25. 30 spring pigs, \$15 for one, \$25 for two, 5 or more \$10 each. 3 fall boars, \$25 each. Chapin's Wonder and King's Col. herd boars, \$50 each. Have sold my farm and implement business, hence these prices.
GRANT CHAPIN, GREEN, KANSAS.

offering of top quality. We urge our readers to get better acquainted with Mr. Branick and his Polands.

A choice lot of fall boars—coming yearlings—the last crop by the great Poland China boar Expansive, are being offered by H. B. Walter of Effingham, Kan. Look up his advertisement and write him.

For Polled Durhams of the very best families and the very best individual merit write Clarence Woods, Chiles, Kan. He has a few top bulls that will please. They are herd header material and from show stock.

T. T. Langford, Jamesport, Mo., can supply the trade with top quality pigs of both the big type Polands or the spotted kind. He has the best lot this year he has ever raised. Write him for prices on a boar or gilt.

Walter Hildwein, Fairview, Kan., breeds the right sort of big type Polands. He produces the kind that meets the requirements of the farmer and breeder. Get his prices and descriptions per his advertisement.

Chas. L. Taylor, Olean, Mo., can supply your wants in Duroc-Jerseys. He has an excellent crop of spring pigs from prize winning boars and sows and they are the right kind individually. Write him for prices and further particulars.

W. P. Doolittle, Woodland, Mo., has one of the top O. I. C. herds of the state and can supply the trade with the best. He has on hand a choice lot of spring pigs which he will price worth the money. Write him per advertisement in this issue.

J. R. Lawson of Ravenwood, Mo., has a few yearling and tried sows bred for fall litters which he will price worth the money for quick sale. Mr. Lawson breeds Hampshires and they are good. Write him at once before the other fellow gets in and picks up the bargain.

Good Sows Essential.

R. B. Davis, Hiawatha, Kan., has one of the top sow herds of the state in big type Poland Chinas. A choice lot of sows is essential to the production of good stock. Get his prices on pigs of either sex and send in your name for his catalog list for his sale October 26.

Two Fall Sales.

Gronniger & Sons, Bendena, Kan., who operate one of the largest Poland China herds in the state, have this year one of the best pig crops they have produced in years. They will hold two public sales this fall, October 8 and November 13. These sales held by Gronniger & Sons always have been a good place to buy choice breeding stock. Get your name on their catalog list.

Kansas and Missouri**GEO. W. BERRY.**

Holstein cows are advertised by Ira Romig, Sta. B, Topeka, Kan. They are Wisconsin bred milkers and regular producers. Anyone wanting to invest in profitable dairy stock should consult the advertisement and write or call on Mr. Romig.

W. N. Banks's Jerseys.

Choicely bred Jersey bulls are offered by W. N. Banks, Independence, Kan. Their breeding is the very best, and represents the best sires of the breed. They are bred close up to the greatest Jersey sires, such as Gambo's Knight, the sensational bull of late years, winner with get and herd at the National show; and Merry Maiden's 3d Son, grand champion Jersey bull at the St. Louis World's Fair. The advertisement appears in this paper.

Hampshire Hogs.

One of the oldest and largest herds of Hampshire hogs in the country is owned by C. W. Weisenbaum, Altamont, Kan. The belted sows in this herd are exceedingly prolific and raise very large, uniform litters. These hogs are active and vigorous and unexcelled as grazers. The sows are good sucklers, and the litters seen on Mr. Weisenbaum's farm at the time of our visit were fat and sleek. Sows and boars of most all ages are offered for sale. Mr. Weisenbaum has a large trade on pigs in pairs and trios at weaning time.

O. I. C. Hogs.

Farmers and breeders who are interested in Ohio Improved Chester hogs should notice the advertisement in this paper by R. W. Gage of Garnett, Kan., and write him for further information. Mr. Gage is the owner of one of the good herds of white hogs. His breeding sows are among the largest and smoothest that have been seen in recent years, and visitors at his farm are pleased with the unusual size and quality of his breeders. Many of the best sows in the herd represent his own breeding. They are of the big, easy feeding type that has made the breed popular in many sections of the country.

Duroc-Jerseys.

Samuel Drybread, owner of Star Breeding Farm, Elk City, Kan., reports his herd of Duroc-Jersey hogs doing well. The spring pigs, numbering over 100 head, most of which were sired by B. & C's Col., are doing exceptionally well. Mr. Drybread says these pigs have for their dams the best bunch of sows he ever owned. The quality of this crop of pigs evidences the fact that B. & C's Col. is holding his record as a sire of high class Durocs. Since making a show record at the northern and eastern state fairs second to no other sire, the get of B. & C's Col. has been in great demand, and boars and gilts by him have been the features in the big sales further east. The good crop of pigs by this really great sire should add much in the near future to the fame of Kansas Durocs. No herd of Durocs can hardly be said to be complete without a sow or boar or litter sired by B. & C's Col. A few choice sows and gilts bred to farrow in September will be sold. Attention is directed to the advertisement of Star Breeding Farm.

State Fair, Topeka, September 9-13.

The preparations that have been made for the Kansas State Fair which will be held at Topeka, September 9, 10, 11, 12 and

DUROC-JERSEYS.

Saline Valley Stock Farm
Am 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.

Fall and Spring Boars
I have 7 spring yearling boars and 5 Sept. fall boars for sale. Big, smooth boars of big type breeding. Priced right. **A. L. Albright, Waterville, Kas.**

HALF TON BOAR FOR SALE GIANT MONARCH
Also a few tried sows bred to this great boar. **W. C. MILLIGAN, Clay Center, Kan.**

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 individually 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.

THE HOME OF CAPTAIN HUTCH.
I am now booking orders for Spring Pigs, either sex, sired by Captain Hutch, King Hadley 3d, Hutch Jr., Mouse's Longfellow Price, Panoramby 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.



A. J. PODENDORF

Owners of **CHIEF PRICE AGAIN**, Sire of Nebraska Grand Championship 1911. Sale of Big Type

Poland China Beauties

Logan, Iowa, Monday, Aug. 5, 1912

We are opening the August sale circuit with some of the best attractions we ever cataloged. We realize we must deliver the goods, and are putting our own reputation and that of our herds on your honor and invite your critical inspection on August 5. Our sale offering consists of matured sows, yearlings, fall and spring boars, and a few spring gilts. The bred sows are safe to **CHIEF PRICE AGAIN**, **LONG NELSON** and **MONARCH CHIEF**. They represent the blood of Chief Tecumseh 3rd, Dorr's Expansion, Ellersbroeck's A Wonder, and other good sires. In the boar offering we ask your critical inspection. Our catalog is ready and will be sent to all who ask for it. We ask you to come and be with us sale day. Your presence will be appreciated. For catalog, address either

A. J. Podendorf or Frank Rainier

Auct.—H. S. Duncan.

Logan, Iowa

Grant Gaines will attend this sale as representative of this paper and will handle all bids sent to him honorably.



FRANK RAINIER

Two Big Sales of Big Type Poland Chinas

Tuesday, August 6, 1912, at Clarinda, Iowa

will be offered a high class lot of bred sows and yearlings, fall and spring boars from the herd of John B. Lawson, the owner of the great boar, Long King's Equal. Most of the sows are bred to him and the boars are sired by him. Many herd headers among them.

John B. Lawson

H. S. Duncan, Auct.

Clarinda, Iowa

These two sales will afford a grand opportunity to buy as high class big type Poland Chinas as the breed affords. Long King, Long King's Equal and A Wonder are represented in these offerings by individuals of outstanding merit. For herd boars look after Long King 2nd by Long King; Pfander's Wonder by A Wonder, Long Equal by Long King's Equal, King's Wonder Jumbo by Long King's Equal out of A Wonder dam. Catalogs of either these sales will be sent on application to either breeder.

Grant Gaines will attend these sales and handle any bids entrusted to him entirely to the satisfaction of the buyer.

Wednesday, August 7, 1912, at Clarinda, Iowa

J. W. Pfander & Sons will offer a draught from their well known Giant herd. Among the offering will be 20 head of spring pigs by the famous A Wonder and Long King. Six grand sows are bred to A Wonder and others bred to Big Ben, Big Bone's Equal by Big Bone, and Big Jumbo 2nd by Big Jumbo. There is outstanding herd boar material here.

J. W. Pfander & Sons

H. S. Duncan, Auct.

Clarinda, Iowa



L. R. McCLARNON

BIG JOINT SALE Big Type Poland Chinas

100 Head Bred Sows and Boars

Braddyville, Iowa, August 8, 1912

In order to facilitate the week's circuit we have arranged to sell jointly one of the most select lots of bred sows and herd boar prospects we have ever made. We are each consigning 50 head and challenge the world to show 100 better Poland Chinas than we will offer on August 8.

70 Head Bred Sows. 30 Head Herd Boar Prospects.

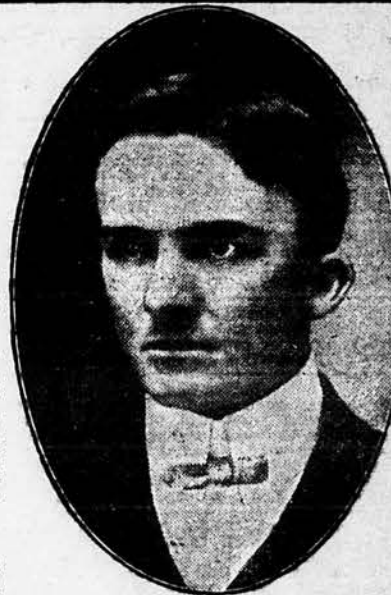
The sows are bred to Big Orange, Colossal, Big Sensation, A Wonder, Giant, Gritter's Best and the coming boar, Ott's Big Orange. They represent such sires as A Wonder, Jumbo Prospect, Long King, Pawnee Lad and others of big type fame. The boar offering has so many promising herd prospects that you cannot fail to find something to please you. Our catalog embodies both sale offerings and we want you to have one. Write a request to either of us and you will receive it. We invite you to be with us August 8, and look over the sale offering. If you cannot find something to please you, we will be pleased to have you present anyway. For catalog address either

L. R. McClarnon or J. O. James

H. S. Duncan, Auct.

Braddyville, Iowa

Grant Gaines, representing this paper, will attend this sale and handle all orders sent him in the interest of the buyer.



J. O. JAMES

13, indicate that when the halls and pavilions on the fair grounds at the capital city are opened to the public, the citizens of the state and visitors from abroad will meet with pleasant surprises at sight of the large exhibits in every department. The splendid success achieved by the management of the state fair the last two years put the Topeka fair grounds on the map. The completion of a number of permanent buildings including the horse and cattle pavilions, hog barns and the hall of fine arts, was a work creditable to the association and greatly appreciated by patrons and visitors. That the stock show on the Topeka fair grounds last year ranked with the five greatest stock shows in America was one of the pleasant surprises to the friends of the Kansas State Fair. Only three other shows of breeding cattle and draft horses held in the United States in 1911 equalled in number or quality the state fair at Topeka. H. L. Cook, secretary of the state fair, states that the number of entries in the livestock department at this time exceeds those of any corresponding period for previous fairs, and the demand for space points to a coming exhibition of greater magnitude in the departments of livestock, farm products, horticulture, poultry and machinery. The number of horses entered in the speed department, it is claimed, surpasses any other meeting held in recent years. The amusements include many features which will add much to the enjoyment of all who visit the fair.

Editorial News Notes.

Gas Light for Farms.

In this issue will be found the advertisement of the Western Light Co., Carrollton, Mo., calling attention to their new and complete outside generators for making light for the farm or town residence. It is not only the most complete and safest but the most simple to operate. It makes a soft light that is clear and bright as day. The writer has used one of their light plants in his residence for two years and can testify that the light it produces is much preferable over the electric light; though we use both at times. But the gas light is the softest and much whiter. A letter addressed to these people will bring a complete list of prices and a catalog with full information. Mention this paper when you write.

Chillicothe Business College.

The new catalog of the Chillicothe Business College, Chillicothe, Mo., is out with complete information concerning the next opening of the fall term. It is one of the neatest pieces of printed matter sent out by any school of the kind and should be in the hands of every young man or woman contemplating taking a business course. This school was founded by Allen Moore many years ago and enjoys the distinction of a heavy enrollment each term. Patrons of this school are to be found in every state.

On the margin of each page are two or three testimonials with photographs of successful graduates, many of them drawing handsome salaries as a result of their training secured while attending this school. The reputation of this school has long been established for success and its record is an open book. The student may enter at any time; the fall term opens the first week in September; the winter term begins the first of January and the summer term the first of June. The school never closes and is in session practically every week in the year. Its instructors rank with the best and the best part of it all, a position awaits every graduate. See ad on page —

The Nuss Light for Homes.

After years of experience in the business of furnishing light for the home the Western Light Co., of Carrollton, Mo., have succeeded in producing a gas generator that supercedes anything yet put on the market. The Nuss generator will appeal to anyone who will investigate its makeup. In the first place it is buried in the ground, away from the building, and the gas is piped into the house. It is absolutely safe, and the most simple in operation. Years of study in the perfection of it have gained these two points. Its construction is simple and the material from which it is made is three times the weight of metal used in other machines. Every machine is thoroughly tested and once installed will last

a lifetime. For producing gas for the farm home or the city residence, the "Nuss Outside Machine" is superior to any other make on the market. The multiplicity of pipes, escape valves, shut off cocks and other equipment so often seen and so puzzling in other makes have been eliminated. Everything is simplified so that a child may operate it. It produces acetylene gas light that is a pleasure to anyone—clear, bright, soft, white light that is easy as daylight on the eyes and at less cost than oil lamps and much safer. All the muss and odor of oil lamps, their cleaning and filling is done away with—and this pleases the housewife, for their daily task of cleaning and filling the lamps ceases, with the use of a Nuss Gas Machine. With this machine the farm home and the village residence is turned into the enjoyment that is experienced in the city home where modern light is furnished. With their new method of manufacturing this machine, simplifying the construction, they are enabled to furnish the lighting plant for residence use at one-half the cost of former prices. Write them for catalog, which furnishes full information as to how to install this modern light in the home. See ad on page 14. Say you saw it in this paper.

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

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.

320 A. 100 good alfalfa land, 160 natural hay land. Near station. \$30.00 per a. terms. Moore & Falls, Liberni, 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.

240 ACRE creek bottom farm, fine alfalfa land, highly improved, near town; \$55 per acre. Write for list. T. B. Godsey, Emporia, Kan.

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

FORD AND HODGEMAN Co., Kansas, wheat land making 15 to 30 bushel wheat to the acre. Black loam soil, 65 to 80 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.

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.

8 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.

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 lists. W. G. STUDEBAKER, Salina, 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 \$4,000; 4 mi. to Ottawa. Price \$70 per a. 80 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.

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.

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 imp., good orchard. Estate must sell at once. Price \$12,500. B. M. Murphy & Co., Hutchinson, Kan.

CHASE COUNTY RANCH. 1,400 acres, 150 acres under cultivation creek bottom. Well improved; well watered, springs, wells and creek; 7 miles of town. Price \$23.50 per acre. Other farms. KLOTZ & HOEL, Cottonwood Falls, 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 & BONSALE, South Haven, Sumner county, Kansas.

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.

BARGAIN. 160 acres, good land. 3 room 2 story dwelling, 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.

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.

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.

An Ideal Ranch

1,120 acres, 7 miles from Goodland, the county seat of Sherman county Kansas; two (2) good frame houses, splendid barn 42x40 feet, large cattle shed, two chicken houses, splendid well of water equipped with good wind mill; 200 acres in cultivation; 640 acres fenced with two wires; soil is a deep loam, suitable to all crops native to this zone. Every acre of this farm is smooth tillable soil; "no rough land"; shallow to water; irrigation can be established cheaply from the underflow.

This is certainly one of the most ideal farms in western Kansas. Owners are old and wish to retire. Price, for immediate sale only, \$15.00 per acre.

Goodland is a thriving town of about 2,500 people, a division point on the Rock Island Ry., has fine schools and churches, where all of the environments of any eastern town are enjoyed.

E. W. SULLIVAN,
Box 777. Goodland, Kans.

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

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.

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.

SEDGWICK COUNTY FARM BARGAINS. 280 acre 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, 3,000 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.

Cattle Ranches

560 acres Greenwood Co., \$16.50 per a. 960 acres Greenwood Co., \$16.00 per a. 12,000 acres Mule creek bottom, Comanche Co., 10 per a. 3,000 acres, smooth, Comanche Co., \$10.00; terms on one-half. We have other bargains in ranches. The Leach Realty Co., Wichita, Kan.

OKLAHOMA.

BEST FARMS in Oklahoma \$20 to \$50 per a. Write C. A. West, Miami, Okla.

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

FOR BARGAINS in farms, timber, coal and grazing lands write me. Byron B. Bronson, Wilburton, Okla.

OKLAHOMA.

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.

OKLA. BARGAIN. Smooth, well imp. S. W. Oklahoma farm, 160 a., for sale short time at \$4,800. Terms. This is under the market, crops good. Values going up. Deal direct with owner, H. W. Bigham, Tulsa, Ok.

FOR SALE of 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.

GREATEST FARM BARGAIN IN OKLA.

I have one of the best Turkey creek bottom farms in Kingfisher county, all smooth land, 140 acres; of this 105 acres in corn, 20 in Kafir corn, 10 in alfalfa, balance some in cane, 10 acres in alfalfa, balance good hay land. I just got word from farm today that we would have a big crop yield in everything; good five room house, fair barn, other buildings, fine orchards, splendid well of water, windmill, all fenced. This farm is a great bargain at \$7,500, but it must sell at once, and will take \$5,000 and give half of this season's crops, which will sell at harvest time for from \$800 to \$1,000. Terms of sale \$2,000 cash, balance on time, low interest. Don't answer unless you want to buy at once and have the \$2,000 cash. Will not trade. 6 1/2 miles to good town and railroad. E. L. REEDER, 40 City Market, Kansas City, Mo.

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

All About Oklahoma Send for my free book. PERRY DEFORD, Oakwood, 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.

Oklahoma, Arkansas and Louisiana Farms For Sale

farms for sale in 40+ acre tracts and up, easy terms. Write for literature on state desired. We are owners, not agents. We have 15,000 acres in Okla.; 10,000 acres in Ark., and 4,000 acres of rich Red river bottom land in La. Tenants wanted who can farm 320 acres or more of our lands in La. Agents wanted. Address, ALLEN & HART, 308 Commerce Bldg., Kansas City, Mo.

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.

ILLINOIS.

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

LOUISIANA.

5,000 ACRES choice improved farms; 40 acres up. 1/2 cash. Long time 6 per cent. W. C. Buchanan, Floyd, La.

MISSOURI.

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

25 OZARK bottom farms. List free. Write J. H. Wright, Marshfield, Mo.

HEY, THERE! 80 a. 1 1/2 mi. out. Extra well imp. \$50.00 a., worth \$60.00. No trade. Baker Realty Co., Mountain Grove, Mo.

FOR SALE. 185 acre farm in Southern Missouri. Well improved, convenient to railroad, 60 acres in bearing orchard. 3,000 barrels of apples now in sight on the trees. Land finely watered, with good buildings. Rural route and telephone line. If this orchard is properly handled it should yield at least 3,000 barrels a year which will sell from \$3,000 to \$6,000 each year, according to market price. You can sell the apples on the trees for cash in hand, and not be bothered with picking and packing. This farm is good for general purposes, in addition to fruit. You can buy this at a bargain, for the owner must sell. Might consider some trade. Send for complete and detailed description. Don't wait. You get the apples. G. B. CUNNINGHAM & CO., 431 E. Commercial St., Springfield, Mo.

CENTRAL MISSOURI FARMS.

Write for list of 100 good grain and bluegrass farms described and priced. HAMILTON & CRENSHAW, Box 2, Fulton, Mo.

CALLAWAY COUNTY, MISSOURI. In the heart of the great grain and stock-raising section of the Mississippi Valley, offers fertile lands, good climate, ample, well distributed rainfall, reasonable prices. Write for 1912 catalog. W. ED. JAMESON, Box D, Fulton, Mo.

FREE: "Homeseekers' Review" Journal Published Many big bargains. WEST PLAINS REAL ESTATE CO., West Plains, Howell County, Mo.

CARTER COUNTY BARGAIN. 150 acres of good unimproved farming land, located 9 miles of Van Buren, county seat of Carter Co. Fine pasture land, also fine for dairy and fruit farming; in fact you can raise almost everything raised in the North. Fine climate, good water, schools, churches. A bargain at \$10 per acre. Write JOHN M. CARNAHAN, Van Buren, Mo. (County Clerk and Recorder, Carter Co.)

LOOK HERE!

Good improved farms Howell county, Missouri, \$25 to \$30 per acre. These are well located near town. Traders would price such farms at \$50 to \$75. IOWA, MISSOURI AND KANSAS LAND CO., A. P. Cottrell, Mgr., Pomona, Howell Co., Mo.

ARKANSAS.

LARGE LIST of N. W. Arkansas farms for sale. Write A. L. Trent, Fayetteville, Ark.

CLIMATE, water, soil, none better. Write for Homeseekers' 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 \$1,800 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., Springfield, 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.

ARKANSAS.

SOUTHWEST ARKANSAS.
If you want alfalfa, corn, fruit, timber and out-lying lands in large tracts, write GREEN & MILLWEE, Prescott, Nevada 89, Ark.

FARM AND TRACT LANDS.
In southwest Ark., ideal climate, abundant rainfall, beautiful crops, good homes and money-making investments. Lands \$1.50 to \$20 per acre. LIST FREE. W. J. BARBER, (67 yrs. residence), Cove, Ark. (On R. G. 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.

FAMOUS SPRINGDALE FRUIT DISTRICT.
80 a. close in, fine improvements; 20 a. bearing apples, bal. fine corn. Non-resident owner needs cash, will sacrifice and throw in apple crop. Best bargain we have. Send for list. FREDERICKS REALTY COMPANY, Springdale, Washington Co., Ark.

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. **TEKARKANA 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.

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.

FOR SALE OR EXCHANGE

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

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

BUY OR TRADE WITH US—Exchange book free. Bersie 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.

FARMS AND MERCHANDISE for sale or exchange. We match deals any size, any place. United Land Co., Wichita, Kan.

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

FOR SALE OR EXCHANGE—Good wheat and corn lands. Describe and price your proposition. Jess. Kisner, Garden City, 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., 221 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.

WANT TO LIST your good trades? We can match them. Tell us what you have to trade and what you want. Write for our ex. list. BUXTON BROS., Utica, 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., subirri. land; no lack of water, immense crops, never fails, delightful climate. Write today. Box 36, Formosa, Kan.

SUBSTANTIAL Topeka residence, 8 rms., cistern, city water, barn, close to school, paved street, on car line, desirable residence portion. Equity \$4,500. Will take larger part in clear land. Jno. T. Chaney & Co., Topeka, Kan.

STALLIONS AND JACKS WANTED—240-acre, improved farm, near R. R. town, Barber Co., Kan., to trade for stallions and jacks. Answer quick and give full particulars in first letter. Address Lock Box 185, Topeka, Kansas.

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

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

FARMS FOR SALE or exchange, in the best part of Kansas, Dickinson, Morris, Marlon and Butler counties.

J. W. BRADSHAW, Herington, Kan.

ARKANSAS.

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.

NEBRASKA.

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

TEXAS.

FREE ILLUS. literature describing land in the famous Texas mid-coast country. Smith Diebel Land Co., Victoria, Tex.

WRITE FOR FREE literature describing choice lands in the Eagle Lake district. Send your name today. Fidelity Immigration Co., Eagle Lake, 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 county of biggest alfalfa and finest fruits. Write today. **STRATTON LAND COMPANY,** Chicago, Ill.

PROFITS IN GULF COAST LAND.
Wonderful production, large increase in value, an attractive home. Get our Free Booklets, "The Road to Prosperity" and "A Pointer on Where to Buy Land." Will send you free "The Gulf Coast Bulletin" for 6 mo. Write **THE ALLISON RICHESY LAND CO.,** 2nd Floor Carter Bldg., Houston, Tex.

YOU CAN'T AFFORD TO MISS THIS ONE!
A well improved river bottom farm at \$20 per acre. Easy payments. Write for particulars. Many other great bargains. J. C. SCHOFIELD, Edna, Tex.

TEXAS.

An Ideal Farm

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