

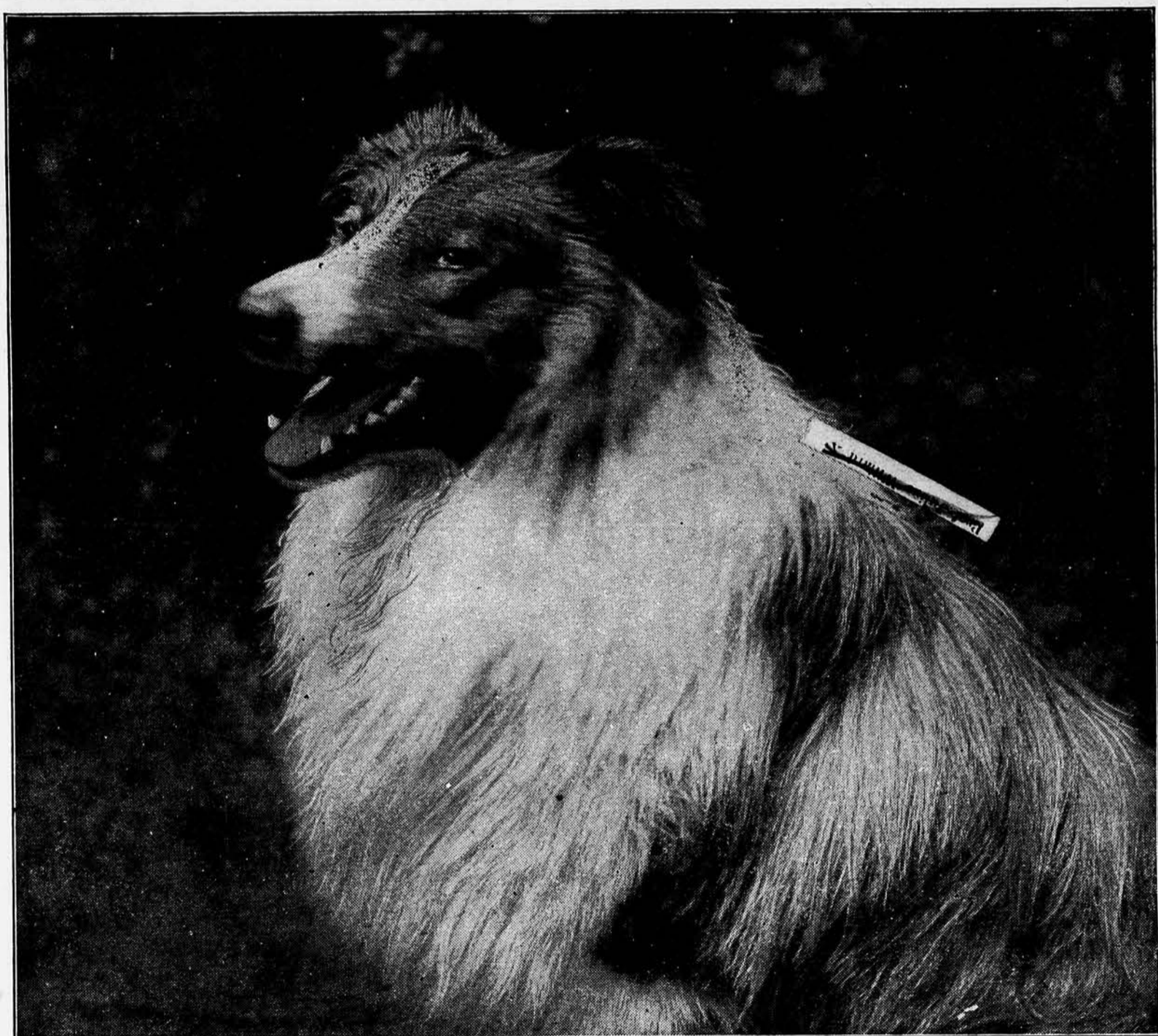
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THE FARMERS MAIL AND BREEZE

Volume 42

March 23, 1912

Number 2



The Farm Boy's Devoted Chum, the Herdsman's Intelligent Assistant—the Collie. Photo by Risk

F. D. COBURN'S second article in the special series on the silo which he is writing for Farmers Mail and Breeze, will appear next week. It will take up Kansas silage crops and the filling of the silo by the community-partnership plan as well as by the individual. Some intensely interesting facts in regard to the "March of the Silo," will be included. Kansas as a state is not alone in this awakened appreciation of the silo's benefits.

The Kansas Farm Weekly That Reaches Farm Homes

Shop by Mail

BUY YOUR ENTIRE OUTFIT FROM JONES POST & CO. "THE HOUSE THAT SAVES YOU MONEY"



BUY ALL YOUR SUPPLIES FROM JONES POST & CO. IN THE HEART OF THE COUNTRY

SAVE MONEY ON

EVERYTHING YOU BUY

\$4.00 SILK TURBAN



Made of Highest Quality Silk Pyrexine Brand.

20PC3800—Very stylish and new. Puffed top crown; brim deep drooping and edged with fancy white lace. Trimmed as shown with beautiful roses and forget-me-nots. Fine quality liberty satin ribbon around crown. Color, champagne, with pink or blue stripe effect. Guaranteed to give satisfaction or money back. Each.....\$4.00

STRAW BRAID TURBAN



Satisfaction Guaranteed.

\$2.00

One of Our Swell Styles and a Bargain.

Colors: Royal Blue, Brown and Greenish Lavender.

Very handsome, rough straw braid Turban, built for serviceable wear. Very pretty and stylish and full of quality. Rough straws are in great demand this spring and we are able to supply the best. This one has exceptional value for the money. 20PC3826—Each.....\$2.00

OUR BIG CATALOG

Is a gold mine of information to buyers. You can select your entire outfit from this book at wholesale prices, or you can save money on any particular article. Our line of Spring Millinery is very large and attractive, and prices were never so low for the high quality offered. We save you at least 50 cents on every dollar you expect to spend on Millinery this spring, and we give you exclusive New York and Paris Styles, obtainable only through us. Every Hat guaranteed to give satisfaction or money back.

MILLINERS and Rural Storekeepers

Can save money buying their Hats, Shapes, Ornaments, and Trimmings from us. We have Special Outfits for those who wish to start in the Millinery business in a small way. With every assortment amounting to \$25.00 or over we give a Free Book, of 150 pages, which teaches designing and trimming. If you are located where there is no fine stock of Millinery, be sure to write us. We sell all supplies and materials at wholesale prices, and our goods will help you to make money.

PARISIAN MODEL



\$5.00 and Full Value

Made of Silk Straw

Splendid style, classy shape. Black silk velvet ribbon encircles entire crown and fastens in a triple French wing bow at left. Has four lovely blush roses, with dark glossy leaves. Brim is edged with narrow fold of silk ribbon. Can also be had in rich black with rose trimming. A bargain at our price. 20PC3810—Each.....\$5.00

Our Wonderful Hat Offer for 1912

THOUSANDS of our patrons, in all parts of the country look forward each season to buying our famous Special Hat, which we originate from the best models of Paris and New York Milliners. Our 1912 Special is an exceptionally fine style, made in a shape that can be worn by almost any face, and while strikingly becoming in light colors to young faces, is an especially desirable style in dark shades for matrons.

Style No. 1—WHITE HAT, with black or navy edged brim, with trimming of white ribbon having pink, light blue or black edge as preferred, and flowers in combination of lilac and white; or pink with blue.

Style No. 2—BLACK HAT, white-edged brim; trimmed with white-edged black ribbons, and flowers in combination of black and lavender, or in all black flowers and ribbon.

Style No. 3—NATURAL STRAW, with black-edged brim; trim of brown ribbon and flowers to correspond, or in a combination of tan and pink.

Style No. 4—NAVY STRAW, has ribbon and flowers to correspond, or flowers in a combination of navy and light blue.

Shipping Weight, 35 Ounces.

\$1.98 EACH

Your Choice of Trimming.

Trimmings are of fancy-edged, 4 1/2-inch silk taffeta ribbon, caught in a 5-loop bow, lilac blossoms and two rows of chantilly lace, separated by a silk-finished straw lace band. This Special Hat would cost you \$6.00 if bought at retail.

Be Sure to Give Style Number and Trim Wanted in Ordering. Also Stock Number.

ORDER QUICK—Send us your order now while our assortment of colors is complete. If you are not fully satisfied with your purchase, we will return your money and pay all express charges on return of Hat to us. We take all the risk. Order direct from this advertisement.

20PC3801—JONES-POST Special Pattern.....\$1.98

TALL SHAPE TURBAN

\$3.50

For Ages 18 to 30 Years

Very stylish and becoming rough hacro or two-toned straw. Popular greenish-purple shades; fine mesh of soft liberty satin is drawn through crown as shown, and terminates in a beautiful bow at left; narrow fold of satin appears just under edge of brim. Can be had only in greenish purple shades which are fully illustrated in exact colors in our Free Book of Fashions. Buy this number on our guarantee of satisfaction and save one-half. 20PC3810—Each.....\$3.50

DRESS HAT

Elegant shape and very becoming. Materials, soft, lustrous silk straw braid, rolling brim that curls up in back. Foliage completely covers the front and sides of crown, is handsomely shaded and of rich quality. Has twisted taffets silk ribbon encircling crown, ending at left front in a large French rosette. This is a very striking Hat, well-made and can be had in either champagne, with light blue or pink puff, or burnt shade of beautiful color, with light blue puff. This number will satisfy your desire for a swell, stylish Hat at a wonderful saving. 20PC3824—Each.....\$4.50



\$4.50 Hand Made

Is Your Style Here?

IF SO pick it out, and send us your order. Don't pay two and three times our price for Millinery not so good in quality. Remember—Style and Quality is Everything in a Hat. That's what you pay for, and what you want to get. You are perfectly safe in ordering direct from this advertisement, but if you want to see our entire line be sure to send for our large Catalog No. 26, or our Spring "Book of Fashions" will show you the exact colors and patterns of a large number of Swell Spring Styles—all priced to favor you. If you don't buy one of those here shown, send for the Style Book and see the most beautiful line of Millinery for Women and Children ever offered in the West—Every Hat priced to save you one-half. All Hats sent by express.

Straw Braid Bonnet \$3.50

Very Popular Latest style, open-work straw braid; June roses, Forget-me-nots and delicate feathery foliage. Twisted mesh of ribbon is woven in and out among the flowers and braid. Style can be worn by nearly everyone. Furnished in Tuscan or burnt shades, pink or blue ribbon, or in black with rich roses of lavender or jack. A swell Hat at a price that cannot fail to satisfy your desire for saving money. Sent by express on our plain guarantee of satisfaction or your money back. 20PC3808—Each.....\$3.50



Jones, Post & Co.,

"THE HOUSE THAT SAVES YOU MONEY"

1430 West 9th St., KANSAS CITY, MO.



THE FARMERS MAIL AND BREEZE

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



Volume 42
Number 2

TOPEKA, KANSAS, MARCH 23, 1912.

Subscription
\$1.00 a Year

SPANISH PEANUTS AS A FEED CROP FOR KANSAS

By **H. M. Cottrell**
Agricultural Commissioner R. I. Lines

Written For Farmers Mail and Breeze

I BELIEVE that it will pay every farmer in Kansas and Oklahoma who reads Farmers Mail and Breeze to plant this year 5 acres of Spanish peanuts for feed.

The Spanish peanut is a profitable feed for work horses, beef and dairy cattle, hogs, sheep and poultry. It has special value for brood sows while suckling pigs, pigs after weaning, fattening hogs that are fed heavily with corn, Kafir or milo, and dairy cows.



H. M. COTTRELL.

In the Texas Panhandle, in 1910, the driest year since the country has been settled, a stockman pastured a large acreage of ripe peanuts with hogs and made a gain on the hogs of 1,023 pounds for each acre planted.

It was unusually dry in 1911 in Oklahoma, yet a feeder fattened 200 hogs on 35 acres of ripe peanuts, with only two weeks finishing on corn. His hogs topped the market.

At the Arkansas Experiment station hogs pastured on ripe peanuts made a gain of 1,252 pounds from each acre, while other hogs made a gain of 436 pounds per acre of corn.

At the Texas Experiment station it required less than 3 pounds of peanuts for each pound of gain on pigs that weighed 40 to 50 pounds at the start.

Dr. W. E. Taylor reported that at Moline, Ills., a purebred dairy herd was fed ensilage and a mixture of grains that secured a high milk yield. All the grain was taken away and hay from the whole plant, vines and nuts, fed in its place. The milk yield increased 12½ per cent.

In every section it has been found to be one of the strongest milk-forcing feeds.

We have made an extensive investigation for two years of the growing of Spanish peanuts for feed and find that wherever they have been tried, they have thrived well from Louisiana to Southern Michigan, and from Tennessee to Eastern Colorado and Eastern New Mexico.

They have yielded well under all conditions of rainfall from 14 to 47 inches a year.

In recommending Spanish peanuts as a feed-maker for Kansas and Oklahoma, Prof. Cottrell does not speak as one not having thorough knowledge of conditions. He was reared on a Kansas farm, educated at Kansas Agricultural college and for a number of years was professor of agriculture at Manhattan. While the Spanish peanut is one of the best drouth-resistant plants, Prof. Cottrell declares it will thrive under humid, or semi-arid conditions in Kansas and Oklahoma, and will make cheap and profitable feed for all kinds of stock. It is easy to raise and is especially valuable as a milk-forcing feed, for fattening hogs quickly, and for enriching the soil. He recommends Kansas farmers to try 5 acres in peanuts this spring and give them a thorough feed test.—Editor's Note.

The Spanish peanut is one of the best drouth resisting plants. It waits for rain. In 1911, in Illinois and in Oklahoma it stood green and fresh for 45 days without any rain and under intense hot weather. After rains finally came, it grew rapidly and made a good yield—40 bushels an acre in Oklahoma. It stood still 60 days waiting for rain in New Mexico, and then grew and made a fair yield.

It yields well under a good rainfall. The better the rainfall, the larger the crop, if the land is well drained. In Louisiana, 100 bushels an acre have been raised under favorable rainfall, and in Arkansas from 95 to 172 bushels an acre have been produced.

It will give a profitable yield on almost any land except that which is wet or sour. It prefers a soil strong in lime. It gives a fair yield on land too poor to raise corn and a heavy yield on fertile soils. Like alfalfa, clover and cowpeas, it enriches the soil on which it grows.

The whole plant, vines and nuts, cured together, is one of our richest feeds, containing over 18 per cent of protein, over 21 per cent of fat and 6 per

cent of mineral matter. It is appetizing to all kinds of farm animals and laxative like alfalfa hay, and good pasture.

It is easy to raise. Farmers like to handle it and usually increase their acreage after a first trial.

W. R. Beattie, the peanut expert of the U. S. department of agriculture, has published the following analysis of peanuts and other foods:

| | Protein. | Carbo-hydrates. | Fat. |
|-------------------------|----------|-----------------|------|
| Peanut kernels..... | 26.6 | 16.7 | 43.0 |
| Wheat bran..... | 15.4 | 60.4 | 4.0 |
| Corn meal..... | 9.2 | 68.7 | 3.8 |
| Peanut whole plant..... | 18.4 | 40.1 | 21.5 |
| Peanut vines..... | 10.0 | 42.0 | 3.6 |
| Timothy hay..... | 7.2 | 52.0 | 2.0 |
| Clover hay..... | 12.8 | 46.3 | 2.1 |

These analyses show the peanut kernel has 72 per cent more protein, the great milk-forcing nutrient, than bran, and 189 per cent more protein than corn meal. The peanut kernel contains 10½ times as much fat as bran and 11 times as much fat as corn meal.

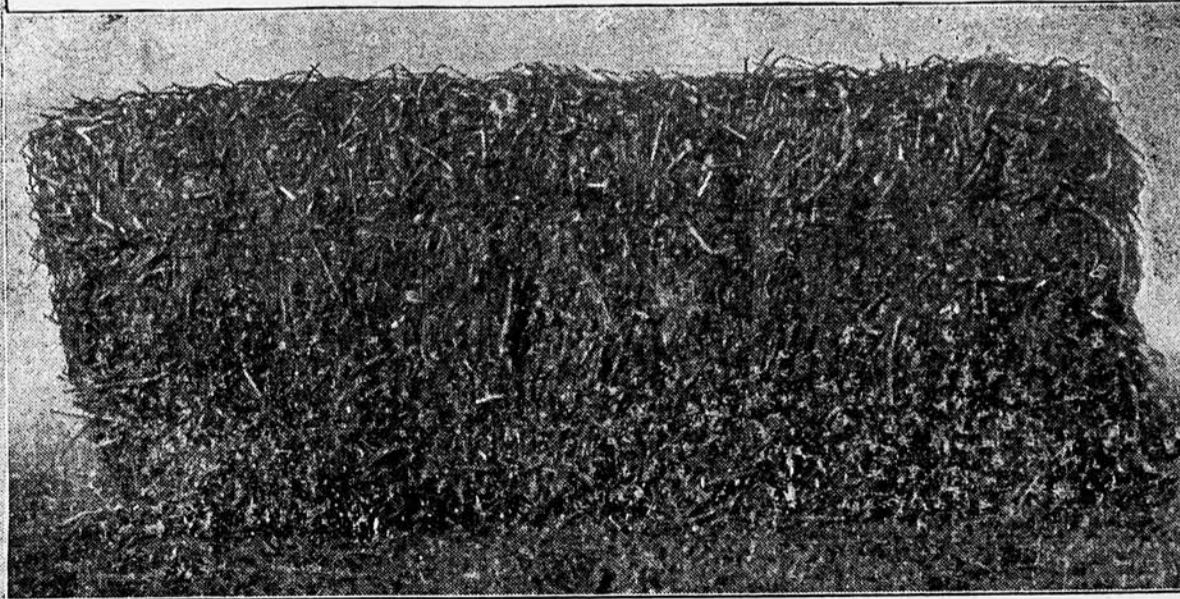
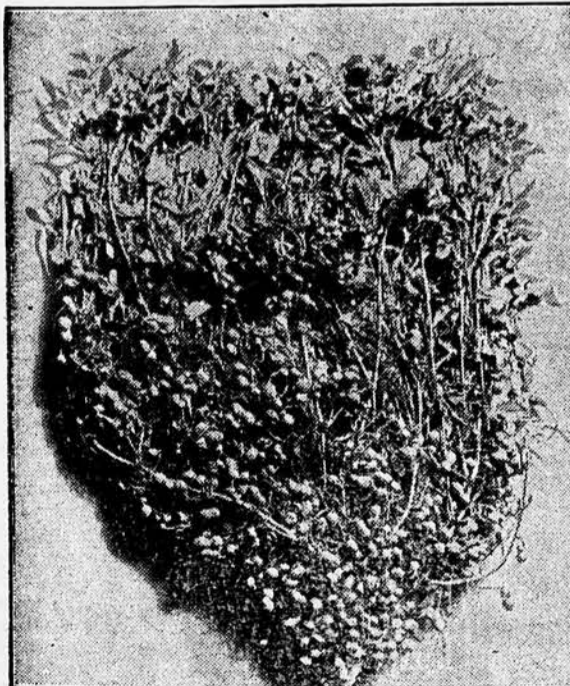
The whole peanut plant contains 2½ times as much protein as timothy hay and 43 per cent as much protein as clover hay. It contains nearly 19 times as much fat as clover hay and nearly 11 times as much fat as timothy hay.

Feeding tests confirm the analyses in showing the great value of the peanut as a dairy food.

We think after our extensive investigations covering nearly a third of the tillable area of the United States, that as soon as the merits of the Spanish peanut as a feed crop are generally known, every livestock farmer in Kansas and Oklahoma will regularly raise from 10 to 25 acres. We want the careful farmers to each plant 5 acres this spring and give the crop a thorough feed test.

The Spanish peanut is the variety planted for feed. It has a small pod. The stems grow upright, making it easy to harvest them for hay. The base of the plant is thickly clustered with pods and they cling well to the vine in harvesting. This is a great advantage. The Spanish variety is particularly adapted as a second crop in the rain belt and is the variety usually planted under dry-farming conditions. Under favorable conditions it will mature in 90 days from planting, while the larger peanut requires 30 to 40 days longer. This trait is of particular value on dry lands, as when the crop is held back several weeks by drouth, it will fill out and mature quickly after the first rains fall.

(Continued on Page 29.)



The cut on the left shows Spanish peanuts with the whole plant cured for feeding. On the right is a bale of peanut hay, as it is sold in the southern markets. There are three kinds of peanut hay. The hay made as alfalfa or clover, the hay when the entire plant is harvested and the nuts removed with a thresher, and the hay where the entire plant, vines and nuts, is cured for forage.

The Farmers Mail and Breeze

PUBLISHED WEEKLY AT
Eight and Jackson Streets, Topeka, Kansas.

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ADVERTISING RATES.

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

No liquor nor medical advertising accepted. By medical advertising is understood the offer of medicine for internal human use.

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

OUR ADVERTISEMENTS GUARANTEED.

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

SPECIAL NOTICE TO ADVERTISERS.

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



PASSING COMMENT
by
T. A. McNeal

THE ALDRICH CURRENCY PLAN. The regulation of the currency system of this country is to my mind the most important problem that just now confronts the American people. The control of the money and credit of the country I believe lies at the very base of the whole industrial problem.

All efforts to regulate trusts and what is called big business will be of little or no avail if the money and credit of the country is controlled by a few men with headquarters in Wall street, for those few men will have the power to dictate what enterprises shall flourish and what shall languish and fail.

That there is a money trust even now, well organized and which presumes to dictate to the business interests of the country and even the government itself there is hardly any room for doubt. A friend of mine has a friend who is intimately connected with the powerful financial oligarchy that just about dominates the business of this country.

This Wall street man is an able and clean man. He is not a miser nor a thief. But he is filled with the notion that this financial oligarchy ought to dominate the business of the country. He very frankly says so. He believes that the members of this financial oligarchy possess superior wisdom; that it should pass judgment on an enterprise, and if this judgment is that an enterprise ought not to be financed then it shall not be financed. The banking connections of this organization are so extensive that the promoters of an enterprise cannot get the money or credit necessary to put it through either in this country or in any other.

It seems to me that it will be futile to attempt to break up trusts and combines even assuming that it would be a good thing to have them broken up, so long as the source from which those combinations spring is untouched—as futile as it would be to attempt to dry up the waters of a stream with blotting paper when the spring from which the stream flows is untouched.

The fact that our present currency and credit system is faulty is now generally admitted. It has become evident especially since the bankers' panic of 1907 that the constant tendency of our present system is to drain the money of the country into the Wall street pool where it is used to finance questionable stock deals and from which it is likely to be impossible to get it back to the country from which it came when it is needed.

A very large proportion of the money of the country goes into the multitude of banks scattered all over the country. These banks are required to have a certain per cent of their deposits as reserves for the protection of depositors but they are permitted to deposit these reserves or the major part of them in their correspondent banks.

There are three great reserve cities in the United

States, New York, Chicago and St. Louis, but the reserves that go to Chicago and St. Louis are for the most part re-deposited by the banks of those cities in New York, so that eventually what the people fondly supposed was a reserve fund held by their local banks is in reality held in New York.

If a bank starts and the people who have deposited their money begin to call for it, the local banks begin to call on their correspondent banks, perhaps in St. Louis or Chicago. They in turn begin to call on New York. The money in New York has been loaned on "call," that is, loaned subject to be called in at any time.

Instantly a vast mass of stocks and other securities is thrown on the market and the price of all sorts of securities goes tumbling down entailing vast loss, often financial ruin on a great many innocent people.

The members of the financial oligarchy however, do not lose money. They gather in the securities at sacrifice prices. Business is paralyzed for the time being, but after awhile the wonderful recuperative powers of the country show themselves. The business men all over the land come out scarred and battered, but not entirely ruined and prosperity comes back again. The prices of the securities that had to be sold at a ruinous sacrifice recover and the holders of them reap a rich harvest from the general adversity.

This sort of thing however bred an ever-increasing discontent. People wanted to hit something. The panic of 1907 opened their eyes as they had never been opened before and the members of the financial oligarchy saw that something had to be done to allay this feeling of discontent. It was not their purpose however for a minute to let the control get away from them. A monetary commission was appointed to investigate monetary conditions in this and other countries and devise a plan that would look fair to the people.

That commission was composed partly of Republicans and partly of Democrats but an examination of the personnel of it will show that if all the members were not bankers, it was so composed that bankers should largely dominate.

That commission has had a pleasant time at public expense. The members have traveled first class all over the United States and Europe. They have hobnobbed with the Rothschilds and been entertained by the officials of the great Bank of England. I do not impugn the motives of the members of that commission, but it is entirely evident that their opinions were moulded by banks and bankers. They or some one for them, formulated a report and a bill and every line of it smells of the counting house.

I want to be entirely fair. I have read and re-read the report of this commission. I have tried to get light where I could from other sources. I have listened with interest to a most pleasing presentation of the conclusions of the committee by one of its members. Maybe I am not wise enough to understand it, but it is my conviction that it is the most adroit and plausible scheme to saddle on this country a permanent money trust that has ever been devised by the wit of man.

That the directorate of the so-called Central Reserve association will be dominated by the Wall street financial oligarchy whose existence is now generally admitted, I have not a doubt. The government is to hand over to this gigantic bankers' trust the complete control of the finances of the country and empty into its capacious lap the hundreds of millions now held in the vaults of the treasury, for its advantage and profit.

The plan will receive the cordial endorsement of every member of the money trust that already dictates the business of this country and that fact of itself ought to condemn it among the people, for it is certain that the members of this financial oligarchy will never give their cordial endorsement to any plan that will rob them of their financial power.

The power to issue money should be taken away from banks and banking associations, for the very good reason that the control of the currency and credit of the country should never be placed in the hands of those whose business is to loan money and collect interest. It is to their interest to make money dear, not cheap. It is to the interest of the people to make money cheap.

When the ruling rate of interest is greater than the average rate of increase of wealth of the country, the borrower is paying more than a just and equitable rate of interest and in the course of time the business of the country will be ruined by the increasing burden of interest. That this is true is shown by the fact that the debts of the world are increasing faster than the wealth of the world.

The Aldrich plan will not break up the money trust but on the contrary will fasten it on the people for a half century.

EX-SENATOR PEPPER. There are a good many people in Kansas who did not follow the lead of Senator Pepper during his political career who will learn with profound regret that he has been obliged to submit to the loss of a limb in order that his life may possibly be prolonged for a few years more.

No man perhaps in the United States was more mercilessly cartooned during his term of office than was Senator Pepper, but now in his old age and days of bodily affliction he has at least this consolation:

No man, so far as I can remember, ever said that he was a dishonest man.

His lean, lank figure, and beard of abnormal length afforded remarkable material for the pencils of the cartoonists and they improved the opportunity to the full, but the kindly nature of the man and the absence of guile in his makeup disarmed criticism to a large extent and before his term as a United States senator had expired he had won the respect and good will even of those who most mercilessly ridiculed his ideas.

It may be said further that as time went on a good many of his arguments were vindicated. He has lived long enough to see a good many of the things he advocated that were considered wild and visionary at the time, now boldly championed by many of the foremost statesmen and thinkers of the nation.

The word that comes from the hospital is that he is showing an unexpected vitality and that there is a strong probability that he will recover from the operation and probably live a few years longer. In the very nature of things however, the end cannot be many years away. He has passed the four-score milestone of life and has already lived beyond the time usually allotted to man. His many friends will unite in the hope that there may be several peaceful years of life yet for him, but whether the end comes soon or late he can rest assured that he will leave to his posterity and to the people of his state and nation the invaluable legacy of an untarnished name.

He has loved his country. He risked his life for it when he was a young man. All his days he has been an earnest student of public affairs and has given the best thought of which he was capable to solving the problems that seemed to him to be confronting the people of this republic.

When he is finally laid to rest it may well be inscribed on his tombstone, "Here lies a man whose life was pure and honest, who loved his fellowmen: who harbored no bitterness and who did his best to make the world a better place in which to live."

THE USEFUL UNKNOWN.

Greatness in the world depends almost entirely on advertising. Merit of course, cuts a figure, but merit without proper advertising gets nowhere. The duck will lay bigger eggs, more of 'em and just as sweet as the eggs of the hen, but the duck is no advertiser and her product is almost unknown to fame.

The greatest battles of the world have been won by the genius and bravery of subordinate officers and the soldiers under their command, but the world does not even know their names or where their bones are buried. The man at the head of the army got the advertising and the credit for what his subalterns really accomplished. His name has a place in history. He is supposed by the general reader to have been the man who planned the whole of the campaign and ordered all its details while if the truth were really known he had a minor part in making the plans for which he gets the entire credit.

Kings are now and always have been for the most part figure heads. If their reigns were successful it was because there were about them men of brains who worked out the details, who managed the finances, who prepared the diplomatic messages, the lies of statecraft by which neighboring sovereigns were flimflammed and the interest of their own sovereign advanced. But the men who really did the business often did not get any personal advertising out of it and died unhonored and unsung, while the sovereign who may have been a mediocre with more meat than brains in his head got his name on the front pages of history as one of the great ones of earth.

The men who are in the limelight, who get their names in the papers nearly every day and who probably imagine that they are really the principal part of the works, are after all of a good deal less importance than they imagine. The president of the United States gets on a special car and with Major Butts and the rest of his official body guard, goes traipsing across the country from east to west and from north to south making speeches that don't amount to anything to assembled crowds that don't care a hang for the speeches but who have some considerable curiosity to see what a president looks like when engaged in the occupation of working his jaw.

The president excuses himself for this gallivanting about by saying that he wants to mingle with the people and find out what they want. This of course is all buncombe. He doesn't mingle with the people. The principal business of Major Butts is to see that the people don't get the opportunity to mingle with the chief executive.

However, it doesn't really matter much. The affairs of government go on just the same whether the president is at Washington or gallivanting around the country. The men who are really doing the important business of state, who are doing the actual work, in other words, are not heard of by the general public. They are not advertised. They are also getting small salaries and are supposed to be attending to their jobs every day. Not that they are overworked. In my one brief excursion through the departments at Washington I didn't observe any employe who seemed to be worked to the point of physical or mental exhaustion, but they were expected to attend to their duties. If one of them should have suggested that he be permitted to run about

the country six months out of every year while his salary went on, he would have been asked to hand in his resignation or get bounced.

The speaker of the lower house of congress has a hard time I observe to get enough members into their seats to make a quorum. They are getting the advertising, subordinates who draw moderate stipends are doing most of the work that is actually done.

The governors of most of the states leave their offices to be run by subordinates while they are out making political speeches or filling Chautauqua dates. The business of the state does not suffer probably, but if it doesn't it is because faithful and moderately paid assistants do the work that is necessary to be done. The governors get the advertising, the subordinates get nothing beyond a moderate living.

The same thing that is true in public life is true in business life. The heads of the great corporations draw enormous salaries; ride in private cars; have waiters and cooks galore; and for two or three months every year trek to some health resort or watering place to recuperate.

If the corporation flourishes they get the credit, while as a matter of fact the real credit belongs to an army of underlings whose names never get into the papers at all, who have to spend long hours every day, hot or cold, winter or summer in real work. They are furnished with no private cars. They cannot take trips to Europe, or spend two or three months out of the year at health resorts while their salaries go on. They may possibly get a lay-off of a couple of weeks during the year. If they take more time off than that they take it at their own expense.

The rule of the world is that the men who do the least real work get the best pay and the most advertising. The people who do the most work, on whose intelligence and faithfulness and industry the success of the business really depends are not often heard of. Their names do not get in the papers. They do not get the benefit of advertising.

I do not pretend to say that ability is not at all necessary to fame, but I do say that the man of very moderate ability who is a first class advertiser will distance the man of great ability who is too modest or who doesn't give attention to the business of advertising. I also say that after all the most useful members of society are not the ones who are read about and talked about. They are the ones who hump along quietly from day to day, drawing very moderate salaries and looking after the details of the business.

THE HELL RAISER.

"That individual is a hell raiser," remarked a well known gentleman to me the other day. He was evidently more or less vexed and I could see a tendency to want to exterminate hell raisers in general and that one in particular.

I want to speak a word in favor of the hell raiser, not that I want them to get too numerous, but my notion is that a moderate number of hell raisers are as necessary to the well being of society and the advancement of the world as a reasonable amount of salt and pepper is necessary to the proper seasoning of food. If you were to throw a whole handful of salt into a plate of mashed potatoes you would of course ruin the potatoes, but if you put no salt at all into the potatoes you couldn't relish them.

So it is with the hell raisers. If there is an over-production of them they spoil things, make orderly advancement impossible and interrupt the happiness and prosperity of their fellowmen. If, however, there were none of them at all society would become first stagnant, then impure, until it would stink with corruption, just like the stagnant pool that becomes so foul for want of agitation that its waters become poisonous, malaria breeding, the incubating place of mosquitoes and snakes and toads and lizards.

The hell raiser is not generally popular. He or she as the case may be is continually jolting somebody, interfering with their peace of mind and lazy desire for repose. We don't like to be jarred and bothered. It makes us hot and we have it in for the person who has done the jarring.

The hell raiser does not make a popular candidate but fortunately nature has so made him that he doesn't want to be a popular candidate. He is more apt to be the candidate of a forlorn hope, some third party that he knows has no chance of success. Indeed, if the party should suddenly grow until it would sweep the country or the state, this same, earnest, rantankerous hell raiser would in all probability leave it at once and join some other forlorn hope. He cannot enjoy himself with the majority. He is like the typical frontiersman who is only happy when away out in advance of civilization.

The hell raiser is not always honest, but he very often is, for as a rule there is not much money in raising hell. Sometimes men think there is and therefore some engage in it from selfish and dishonest motives, but a good many go into the hell raising business on account of an inborn restlessness and inability to be content with a plain uneventful existence.

It is an unpleasant experience but a healthy one for a lethargic man to sit down on a tack once in awhile. The hell raisers supply the tacks. Of course the individual who sits down heavily on one of these inverted tacks is irritated. He is mad all over. He is ready to go out at once and hunt for the person who placed the tack. The experience is good for

him. His blood is stirred and courses more rapidly through his veins. He whoops and snorts and maybe indulges in unseemly profanity, which is not only wrong but foolish, but he is roused up and made to think. After he gets over the pain and surprise of the tack he begins to think possibly there was some reason for it being placed where he would sit on it.

What the world needs more than anything else is to be made to think, and think independently and individually. There are a great many people in the world who never do any thinking worth mentioning. There are a good many others who think they are thinking when as a matter of fact they are just letting what somebody else has thought percolate through their alleged minds. It is easier to let someone else do your thinking than to do it yourself.

The hell raiser comes along and sort of upsets things. Accepted lines of thought get knocked galley west and the people who have suddenly sat down on the inverted tacks placed by the hell raisers are nearly forced to do some thinking for themselves.

LOVE THY NEIGHBOR AS THYSELF.

A subscriber writing from Benton, Kan., says in part:

If half the time and talents spent in trying to adjust our social evils in man's own selfish ways outside of the Scriptures, through MY party were expended in teaching the last and greatest commandment and exemplifying it would it not come nearer settling all these controversies than our press is now doing?

I am of the firm conviction that we will never settle our state questions right until we settle them on this basis, "Thou shalt love thy neighbor as thyself." How would it do to try it a whirl, anyway? I know you will say that it has been tried and failed. What if it has? Nearly every good thing had to be repeatedly tried and failed, but perseverance will accomplish anything.

We can prate about doing this, that, and the other thing to remedy evils, but if we honestly and truly love our neighbor there will be almighty few evils to rectify. And if a little more of our energy were spent in preventing evil there would be few evils.

All this is another way of saying that if every human being were fair to his neighbor, in other words, literally obeyed the commandment quoted, there would be no need for laws to punish wrongs, for there would be no wrongs.

Unfortunately even good men are often so blinded by ignorance and intolerance that they do not know the right. Paul was just as conscientious when he was going out to persecute the poor Christians as he was after he had seen the light. I have no doubt that many naturally kind hearted men have engaged in persecutions of other men because they honestly believed that the persecution would save the souls of the persecuted. They were so steeped in fanaticism that they honestly believed they were doing the best thing possible for their fellow men. Before men can obey the commandment quoted by this subscriber their minds must be sufficiently enlightened and cleared from the fog of fanaticism to understand the commandment.

So discussion must go on. Governmental experiments must be tried. The natural selfishness of mankind must be restrained by statutory enactments. However, I fully agree with what I think the subscriber has in his mind, and that is that every citizen should have it pressed home to him that it is his personal duty to be kind and honest.

It is not given to many men to get into the lime-light, to occupy places of great influence and power, but within the circle of his acquaintance, every man has the opportunity to wield an influence for good. He can be honest and kind and industrious. He can make the world better by living in it. And the influence of this humble citizen will be wider, too, than he imagines.

There are few human beings who are altogether bad. There are many in whom the good has been so choked by the weeds of evil that it has no chance to grow. The kindly, honest citizen, filled not with the self-righteous spirit of the Pharisee, but with the spirit of kindness and love for his fellow man, may have the opportunity to pull some of the weeds from the mind and soul of his neighbor and give the good there is in the man a chance to grow, so that the man will become a better neighbor and a better citizen of the republic.

Truthful James

"I'm satisfied," said Truthful, as he bit off another chew of twist, "that there ain't nothing in this world made in vain. The trouble is that people don't know how to avail themselves of the advantages that nature affords.

"Now, for instance, there is the muskeeter. Nearly everybody has it in for her. I say her, because my understandin' is the male muskeeter don't amount to a whoop. He sits round and lets his wife take care of the family and never does a thing to help, but the female muskeeter is a lu lu. She is mighty unpopular, however, as I know. She comes round singin' and the average man will rise up and paw the air and snort and swear to beat the band.

"Once I was down in the swamp country in south-east Arkansas, where the muskeeters were thicker than any other place I ever saw in my life. They were the giant kind. When you saw 'em flyin' round they looked like a flock of sand hill cranes.

They had bills from 6 to 8 inches long, and when they flew they carried their bills under their wings.

"Well, sir, there was a man, a music professor, who was stoppin' down there. I never understood for a long time why he ever came to such a God-forsaken country, as I discovered that he was a musical genius. One day he told me. He said that he had heard about the muskeeters in that part of the country and it give him an idea. He said that he had a theory that the voice of the muskeeter could be trained and used for concert purposes.

"Well, at first it looked like reg'lar blamed foolishness to me and I concluded that the professor hed about the worst case of bats in his garret I ever heard of. But one day I see him go out with his fiddle and down by the edge of the swamp he begin to play. It was wonderful how that feller could handle a fiddle. Pretty soon I noticed that the muskeeters was gittin' interested. They would come over and sit on the limb of a tree near where the professor was playin' and cock their heads to one side and listen. After a while the leader of the flock sort of tuned up and tried to catch the tone of that fiddle. That was what the professor wanted and he was tickled nearly to death with his experiment.

"Well, after that, every evening he would go down there and play the fiddle, and more and more of the muskeeters would come and sit on the limb and sing with his playin'. There was some lovely voices among them muskeeters, too.

"Finally the professor got so that he could pick out the best of the voices, and then he organized a muskeeter chorus of 800 trained muskeeters. They would follow him anywhere and he would arrange them round in rows like these big choruses and then wave his bow for attention and begin to play, while they would sing.

"Say, when all of them 800 muskeeters got to singin' at once, their voices risin' and fallin' in perfect time and melody with the professor and his fiddle, it was the most inspirin' sight and sound I ever see or heard. The professor had 'em well in hand, too.

"He didn't permit any of 'em to go round bitin' people promiscuous, but he had arrangements to have the packing house at St. Louis send him down a fresh barrel of blood every week. Then he would take a bucket of that blood and pour it into a trough and call them muskeeters up to drink. It was really a beautiful sight to see them 800 lined up beside that trough, peacefully drinkin' their fill of blood. After they filled up they would go off quietly and go to sleep till the next day.

"The professor told me afterward that he had a fortune in them trained muskeeters if he hadn't made one mistake. He fed 'em too well. As a result they got fat and lazy and wouldn't sing. That was the reason he gave it up in disgust and went away and left 'em."

The Men Who Work For the State

If you hire your wife's nephew to work for you, simply because he "needs a job" and without regard to his fitness, you don't expect to get as good a workman as you would get if you hired a man solely on his merit and ability.

The people of Kansas have several hundred men and women working for them in the State house at Topeka and in the various state institutions. Sometimes these employes of yours are honest and capable and efficient; sometimes they are otherwise. It is the people's money which pays them and the people must see to it that they get their money's worth in service. I know of no way in which this can be accomplished except by the extension of the merit system. I am in favor of a state-wide civil service law which will bring, as far as possible, every state employe under the merit system and if I am elected governor I shall work for such a law. If we are to have an efficient and economical administration of public affairs, the chief qualification for appointment to a public position must be FITNESS for the work to be done, instead of a record of good work for the party or the machine within the party. We must abolish all trace of the spoils system—a system which has been the fountain-head from which has flowed the greater part of the political corruption that has disgraced so many states.

Kansas must be a leader in this great reform, because it is so thoroughly in line with Kansas sentiment and the Kansas idea of good government. It means better public service, because it brings more efficient men and women to that service; it means greater economy because it insures a dollar's worth of work for every dollar of your money expended in salaries; and most of all it means the eradication of the spoils system. And with the passing of that obnoxious system, will go the political machine and government will be again restored to the people as a whole, instead of being trusted to a little clique of wire pullers.

Kansas must have a state-wide civil service system.

Arthur Capper

JAYHAWKER FARM DOIN'S

BY H. C. HATCH, GRIDLEY, KANSAS.

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

We heard one man say yesterday that we had two summers in 1911 and from the looks of things we're going to skip one in 1912. We have an idea that we shall see summer enough this year before we are through with July and August.

But there is no getting around the fact that this is going to be a late spring for small grain. At this writing March is one-third gone and the ground is still covered with a good coat of snow. This means it will be two weeks at least before we can do much work on the land in this part of the country.

On more porous soil work can begin as soon as the frost is out and the snow gone but with our heavier soil we have to wait at least a week longer. If we are compelled to wait until April 1 before oat sowing, we do not think it will pay to put out much of an acreage to this crop. Late sowing might hit but the chances are greatly against it.

Some of our Greenwood and Butler County friends think we made a mistake in our estimate of the value of Kafir as hog feed, as given in the March 2 issue of Farmers Mail and Breeze. Perhaps we did. It wouldn't be the first time we have been mistaken by a good many. We do not want anyone to take this column for anything more than the personal opinions of the writer. We claim to be but an average farmer and have no wish to set up as an authority.

In that estimate it is likely we put the matter a little too strongly when we said that two months' feeding on dry Kafir alone would put a hog out of business. What we might better have said was, that dry Kafir-feeding of hogs has been for us a failure. Several years ago we had on hand a large quantity of threshed red Kafir which we fed to our hogs and inside of two months they got so they loathed the sight of it and would not eat it. Since then we have tried it again with the same results.

Of course we made a mistake in feeding it dry and alone. We should have ground this threshed Kafir and fed it with shorts or milk. Then probably it would have given us good results. It is giving results when fed in this way by a number of our neighbors this winter, but one friend writes us from Madison that he has been feeding dry Kafir and that he can make hogs gain faster on that ration than he can on dry Indian corn. He says that he has never known hogs to refuse dry Kafir and that he is satisfied that it will make a better gain than the same amount of dry corn.

Our Madison friend also says that he does not feed shorts or slop to his hogs as he finds shorts too expensive for the results they give. It is hard to see how any man can feed shorts costing \$1.50 to \$1.60 per hundred along with 60-cent corn and Kafir to less than 6-cent hogs and make anything at it. Shorts at present prices are out of the question to our way of thinking but we do not see how our friend can keep his hogs from getting constipated on dry Kafir. That was the great trouble we found in feeding it; the hogs would get so bound up that they were, in the language we used in the March 2 issue, practically out of business. Corn will have the same effect but it has been our experience that it is not so bad as Kafir in this respect. This was the reason we opposed feeding dry Kafir alone. The same reason will also hold good to a less extent with common corn.

A friend writes from Butler county that he feeds Kafir in the head to his hogs and they do well on it. He also says he feeds ground Kafir to his horses and milk cows and that, for summer feed he will mix it with one-third oats which will make a good ration. We have always had our Kafir threshed when we fed it to hogs and this perhaps is not so good a way as to feed it in the head.

If we should ever feed it to hogs again it would be in the head for we have had poor success in storing threshed Kafir in any amount. Stored in the head it keeps perfectly but if it is threshed and piled very deep in a bin it is sure to heat for us, no matter how dry it is when threshed. We have no knock on Kafir; we like it and would not think of farming without it but we do not like to make an exclusive grain ration of it for anything but chickens and they can balance their ration with bugs and worms. Kafir is all that our friend claims for it but we notice that he is going to mix oats with it for his horses. Would not the hogs be better if they had something of the same nature mixed with theirs? Say milk, tankage or shorts.

There is no question but that Kafir has had corn badly beaten in yield in southern Kansas for the last two years. For this reason the acreage of Kafir is going to be greatly increased this year. On this farm Kafir has yielded about 15 bushels more per acre than corn for the last two years but in years before that corn was about as good a yielder. We must all agree to one thing: Kafir has never had a fair show in comparison with corn; it has been planted last and on the poorest, highest ground, and if any crop was slighted in cultivating it was Kafir. If a man had a field of rich ground it went into corn; if he had any creek bottom land that was always planted to corn while the high knobs went into Kafir. Then if corn yielded most he was prone to say that corn would outyield Kafir, when, if conditions of planting had been reversed, it is likely that Kafir would have outyielded corn 2 to 1. There is no surer crop for this section than Kafir and we shall raise it so long as we farm but we do not give up that it is as good to feed as corn to anything but the farm poultry. However, if it will give results to others in feeding as it has to our Butler and Greenwood county friends there is no reason why this part of the state need take a back seat for any other part of the West when it comes to grain producing. We think we can get as many bushels per acre of Kafir as Illinois or Iowa can of corn, and if we can get as good results in feeding it, there is no reason why our land should sell for \$50 per acre and theirs for \$150.

Our Butler county friend cites a few yields of Kafir as compared with corn for 1911. One neighbor raised on half a 30-acre field 25 bushels—weighed—Indian corn per acre, while Kafir on the other half made 60 bushels. The neighbor adjoining raised 18 bushels of corn per acre while the Kafir made 58 bushels. He also says that at a public sale held near him Indian corn sold for 53 to 55 cents per bushel while in the nearest market Kafir was bringing 58 cents per bushel. This would seem to show that the farmers there hold Kafir as high or higher in feeding value than corn. As we said at first, we are perhaps mistaken in our estimate of the grains; we hope so for no man would be more glad to know that Kafir is equal to corn as feed for hogs. Should it prove to be so, we never need fear a grain shortage in this part of Kansas again for we can raise it in any year that prairie grass will make a crop. We can store it in the head the same as we store corn in the ear and thus do away with the heating of threshed Kafir in the bin. Will not some of our readers give us their experience in feeding Kafir to all kinds of farm animals as compared with corn. Tell us how you fed it and the results.

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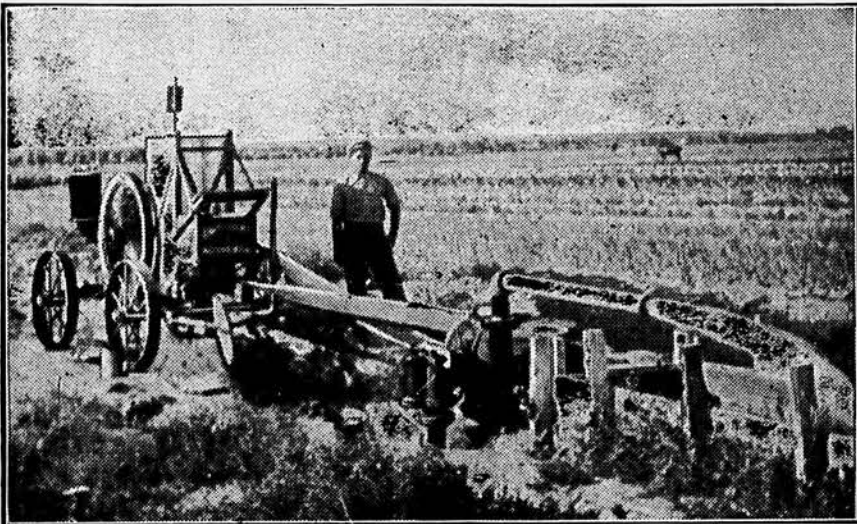
Trucking in the Shortgrass

WITH WATER FROM BELOW.

Mr. Editor—I am sending you a picture of our irrigation plant and a view of our onion patch. The pump is a No. 3 centrifugal and when running at full capacity it will throw a stream of 500 gallons per minute. The variety of onions shown are Prizetakers and I wish you could have seen a basket of them grown on this field. We are engaged in truck farming and onions are our specialty. We also raise sweet potatoes and tomatoes. I want to show you what Gray county can do with the aid of a little elbow grease, and if any of the readers of Farmers Mail and Breeze will take a spin out here, a mile south of town, they will find us raising garden

cheaply constructed as you have described, may be better than no silo at all. I should not make the pit too deep, since the deeper the silo the greater the labor in getting the fodder in and the silage out. Also there is a possible danger in a deep pit, that foul gases may accumulate in the silo. Furthermore, unless you make a good wall, I should not extend the pit silo much above ground.

I take it that the moisture from the silage will soften the walls a little and cause scaling. Also the silage may spoil a little around the outside since the soil will not be perfectly air tight, especially near the surface. By plastering the upper wall with cement this condition would be improved. It will not cost much to construct such a pit, and since



RAISING ONIONS AND WATER WITH GASOLINE IN GRAY COUNTY.

truck and Brown Leghorns. I hope the editor of the old reliable Mail and Breeze will find time to come out some time and see what we can do here in the shortgrass country.

Mrs. Will Robins.

Cimarron, Kan.

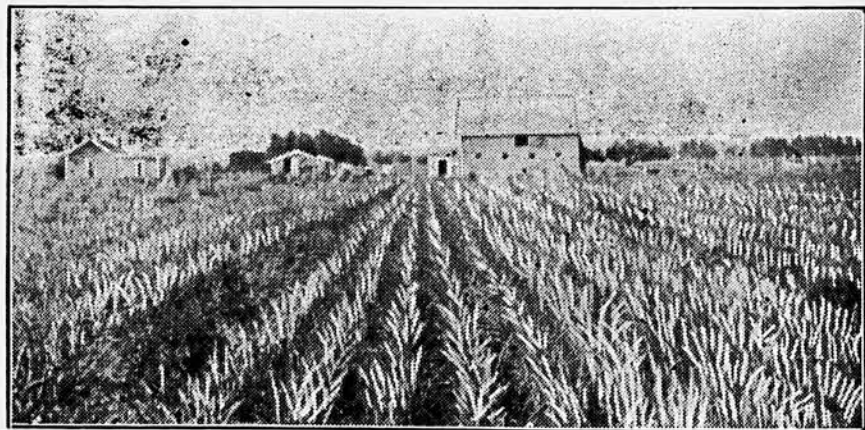
Will a Pit Silo Do the Work?

BY A. M. TENEYCK,
Supt. Hays Branch Experiment Station, of
Kansas Agricultural College.

[Written for Farmers Mail and Breeze.]

A Wallace county reader, not financially able to own a silo, wants an opinion on an underground silo for that part of the country. He writes, "My idea is to make a hole in the ground about 10 feet in diameter and 20 or 25 feet deep, then lay a sod wall about 4 or 5 feet above ground and cement well with about two coats."

At a farmers' institute at Quinter a few weeks ago, a farmer described a pit silo which he had dug and filled last fall.



THE ROBINS' IRRIGATED ONION PATCH NEAR CIMARRON.

This silo was just a hole in the ground 12 feet wide and 17 feet deep. He had filled the pit with Kafir fodder, cane and Russian thistles, putting the fodder in without cutting, and packing it as closely as he was able. He was then feeding this silage and stated that while it was partly spoiled, the cattle ate it well and he considered it superior to dry fodder.

If the green fodder put in this pit had been run through a cutter and well tramped into the silo, it would have kept better. This pit was not even plastered.

Of course a pit silo would not be a success in sandy soil, but in hard land which is well drained so that water would not run into the pit or seep into the pit through the soil, the pit silo,

you cannot go to much expense in building a silo, I should advise to make a pit silo, fill it next fall, and observe results.

What One Seed Test Showed

Mr. Editor—I have just completed a germination test of my seed corn. I took five kernels from each of 144 ears and the result shows that all five kernels from 105 grew; four kernels grew from 24 ears, three from 12 ears and two from 3 ears. This corn was selected at husking time and stored in single layers on wires fastened to the bottom of the loft joist over the feedwa. in the barn.

M. R. DeMoulin.

R. 3, Burlington, Kan.

Harrow to Stop Soil Blowing

A READER'S SUGGESTION.

Mr. Editor—Last spring one of the college lecturers said that when land was plowed and harrowed down to a dust mulch it would blow. Land so prepared will not blow very

much until a rain comes to puddle it, forming a smooth surface. The trouble begins by the sand and soil particles sliding on this crust which finally cuts through, and if this is not checked in some way, the soil will blow out as deep as the ground was plowed, and more than that. When such a field begins to blow, begin harrowing on the side of the field with the wind and you can stop the blowing as fast as you can get over the ground and break the crust.

Fowler, Kan. R. S. Hartman.

A 10-Year Favorite.

Mr. Editor—I have been reading Farmers Mail and Breeze for about 10 years and I like it fine. A. D. Reed.
Leanna, Kan., February 21, 1912.

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The Brood Sow and Pigs

A Farrowing-Time Discussion

Mr. Editor—When sows farrow in the latter part of winter or early spring clover hay will be found a very satisfactory feed for both sow and pigs because it is so nutritious. Other feeds are needed, of course, but not in such large quantities when they have the clover hay.
Mrs. Sarah J. Ireland.
R. 1, Hamilton, Ind.

A Way to Stop Pig Eating.

[Prize Letter.]

Mr. Editor—The best method of breaking a sow of eating her pigs is to mix about a gallon of tankage in enough water to make a good slop and let the sow eat all of it at one time if she wants to. The idea is to give her enough of that kind of diet by feeding a large amount at one time. After that feed her a handful of tankage daily for a time. Do this also before farrowing. We had a sow that ate one or two of her pigs every day until the sixth day before we caught her at it. We gave her this tankage treatment and saved the rest.
R. 6, Paola, Kan. P. J. Ernst.

Rations for the Brood Sow.

Mr. Editor—The brood sow should have extra care and attention about six weeks before farrowing time. I have found it best not to feed much corn during this time. Alfalfa hay once a day and a small portion of ground feed should constitute a part of the daily ration. About a week before farrowing a small amount of oil meal daily will prove beneficial. A sow should have water to drink but nothing to eat for at least 10 hours after farrowing. I am careful not to overfeed the sows, as this is one cause of scours in pigs. Sheds or pens should be so built as to let the sunshine in. I wean pigs when 8 weeks old.
P. J. Dewey.
R. 3, Washington, Kan.

Provide a Warm, Dry Nest.

Mr. Editor—My sows have free range, but I get them accustomed to their pens by keeping them shut up at night two or three weeks before farrowing time. I feed very little corn and never let a sow put on corn fat while with pig. Give them a good slop mixture. A day or two before farrowing I close the sow up tight in a warm, dry nest with very little litter. The pen should keep out wind and cold. The sow should not have a bite to eat for 24 hours after farrowing.

HARD TO DROP But Many Drop It.

A young Calif. wife talks about coffee: "It was hard to drop Mocha and Java and give Postum a trial, but my nerves were so shattered that I was a nervous wreck and of course that means all kinds of ills."

"At first I thought bicycle riding caused it and I gave it up, but my condition remained unchanged. I did not want to acknowledge coffee caused the trouble for I was very fond of it."

"About that time a friend came to live with us, and I noticed that after he had been with us a week he would not drink his coffee any more. I asked him the reason. He replied, 'I have not had a headache since I left off drinking coffee, some months ago, till last week, when I began again here at your table. I don't see how anyone can like coffee, anyway, after drinking Postum!'"

"I said nothing, but at once ordered a package of Postum. That was five months ago, and we have drank no coffee since, except on two occasions when we had company, and the result each time was that my husband could not sleep, but lay awake and tossed and talked half the night. We were convinced that coffee caused his suffering, so he returned to Postum, convinced that the coffee was an enemy, instead of a friend, and he is troubled no more by insomnia."

"I, myself, have gained 8 pounds in weight, and my nerves have ceased to quiver. It seems so easy now to quit the old coffee that caused our aches and ails and take up Postum." Name given by Postum Co., Battle Creek, Mich.

Read the little book, "The Road to Wellville," in pkgs. "There's a reason." Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.

ing. When the pigs are a day or two old arrange it so they can get into the sun and give the sow a little more bedding. This way a gentle sow should save every pig.
Ervin S. Brees.
Colony, Kan.

Late Farrowing Is Preferable.

[Prize Letter.]

Mr. Editor—I have 40 acres of my farm fenced hogtight, part of the enclosure being a woodlot and the rest clearing on which bluegrass and white clover are growing. I keep my sows up at night and have a dry, warm place for them to sleep. They get their drinking water from a branch about a quarter mile away and this gives them plenty of exercise which they need so much. At noon I give them a slop made of shorts with a little oil meal, which keeps them in good healthy condition. I feed them corn morning and night.

I do not want my sows to farrow before the middle of April, and from then until May 1. Then the weather is warm and the pigs can get out in the sun and on green grass. I like the individual farrowing pens because the less disturbance at farrowing time the better. I pet the sows so as to have them gentle in case they need help at any time. I keep purebreds and always have a good male in the herd, as the right kind of male pays big, no matter if he does cost a few dollars extra. In times of high feed it does not pay to keep and feed poor hogs.
G. R. Grant.
R. 5, Marshfield, Mo.

A Knack in Caring For Bedding

SIMPLE ENOUGH, TOO.

[Prize Letter.]

Mr. Editor—Many farmers complain they cannot get dry straw for bedding stock. Nearly all threshers use the wind stacker, which leaves a pile of loose straw around the stack that catches water and rots the straw. I always haul this part of the stack first, and if not needed for bedding then I scatter it in the corral for the chickens to scratch in and for stock to lie on during damp weather. This leaves the solid part of the stack for the time when weather will be bad and it is always dry and easy to get at. Snow will not drift around a stack with straight sides as badly as around one that slants from the ground up.
P. G. Haney.
Larned, Kan.

What a Sample Copy Did

Mr. Editor—Last November I sent for a sample copy of Farmers Mail and Breeze and we were so favorably impressed with its contents that we put it on our list of reading matter for a year. It is an interesting farm paper and I like the many items in different writers. In that sample copy were the comments of T. A. McNeal on medical legislation, an article on Thanksgiving butchering, and so many other items of farm interest that we could not stop with the one issue. I felt like reaching out and shaking hands with E. V. Rankin for painting the state of Michigan in such glowing colors, for I am a full-fledged "Wolverine," and the little sketch he gave of his 1911 vacation struck me with great force.
Mrs. E. B. Barclay.
Independence, Ia., February 28, 1912.

Look Out For These Imposters

Mr. Editor—In a recent issue Harley Hatch told of a family going about begging and telling people that their horses had died. They were at our place and the woman got pretty "sassy" when we could not take them in on account of our small house. Next day I found they had been begging all through the country and they had stopped at the Burlingame bank to get a \$100-bill for the change they had gathered up. This did not look as though they were so hard up. The man and woman are about 50 years old and there are two boys and a girl around 15 or so. I don't want anyone to think I am hard-hearted, but I do not think it right that farmers should be worked in this way.
W. J. I.
Scranton, Kan.

I Can Double Your Pork Profits Merry War Powdered Lye Prevents and Cures Sick Hogs



It is no idle boast, on my part, to say that Merry War Powdered Lye—the greatest hog remedy, conditioner and fattener the world has ever known—will double your pork profits.
My own personal experience, for more than 20 years, and the experience of thousands of hog raisers has amply demonstrated the fact that Merry War Powdered Lye will kill intestinal worms, positively prevent and cure hog cholera and keep your hogs absolutely immune to all hog diseases.
I invite you to read some of the enthusiastic letters I have received from thousands of farmers and hog raisers all over the United States (and which are published in my free literature) who feed Merry War Powdered Lye regularly every day with their hogs, and with wonderful results—proving beyond all shadow of doubt that Merry War Powdered Lye will do the work—and that nothing else will.

Convincing Testimony Well Worth Reading

A. W. Davis, Hamilton, Iowa, says: "Merry War Powdered Lye is the stuff to put hogs in a thrifty condition. I will never be without it while I raise hogs."
H. F. Gustoff, Cedar Rapids, Iowa, writes: "Best destroyer of worms in hogs I ever used. It is all right."
Adam Schultz, McLouth, Kans., says: "I have given Merry War Powdered Lye a good trial and it has made a marked improvement in my herd. I consider it the best and cheapest remedy I ever used. I never got the results from any of the so-called hog cholera remedies as I have from Merry War Powdered Lye."

And that's the general testimony of Hog Raisers—and I just want to say to you that the very best way you can insure big, fat profits is to make the mistake of thinking that any lye will do as well as Merry War Powdered Lye—fail to obtain results—pay the penalty in loss of hog profits.

Feed Merry War Powdered Lye Every Day

—and begin today—for the sooner you begin, the sooner I will be able to prove to your own 'ete satisfaction that Merry War Powdered Lye makes good every claim—and 10c will make the test.

Follow These Directions

Mix one tablespoonful Merry War Powdered Lye with slop for 10 hogs, or a half can will do what will. Stir well and feed every day. If your hogs are on a dry feed ration, mix a half can Merry War Powdered Lye to each bar 1 of drinking water.

Important Warning

Some commercial lye makers are trying to persuade dealers and hog raisers that any lye will do what Merry War will for hogs—but it will not, it can't—because no other lye maker knows the secret process that makes Merry War Powdered Lye out to top in hog feed—they don't know the combination in Merry War Powdered Lye that produces the fat, healthy hog. Merry War is the only lye which is absolutely safe to feed your hogs and hog raisers who

E. MYERS LYE COMPANY, Dept. 10 St. Louis, Mo.



Redeem Land by Deep-Drilled Wells!

You can make more money drilling wells for irrigating land with an Armstrong Well-Drilling Outfit than you can in any other business with the same investment. \$50 to \$75 profits a day made on an Armstrong Outfit. A few hundred dollars invested in an Armstrong outfit will redeem several thousand acres in a single season. Drill any formation, any depth, any place. Gasoline or Steam, Walking Beam, Spindling or Combination Outfit. Write for Free Illustrated Book. If you need a gasoline engine ask for our big engine catalog. (48) part of the country
Armstrong Mfg. Co., 2662 Chestnut St., Watrloo, Ia.

This Big Leather-Bound Webster's

Two Dollar Dictionary

Here is a book that is constantly needed by every man, woman and child. No other one book contains so much of practical educational value.
The book illustrated here is a book such as would ordinarily retail for about \$2. It is handsomely and substantially bound in soft leather covers and printed in large, clear, easily-read type. It is just the right size for home, office or school use. It is thumb-indexed for quickly finding the word you want without any loss of time. No home library, no reading table, no student's outfit is complete without a good dictionary—and there is none other more authoritative or more complete than the famous Webster's.

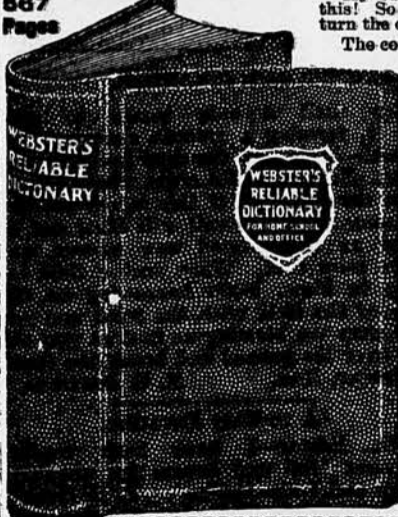
I have just made one of the largest dictionary purchases ever shipped into the West—two entire car loads. I got them for a price away below the usual wholesale rate—a price so low, in fact, that I can give these books free—as long as my supply lasts—to the readers of this paper. I will send one of these big value dictionaries free and prepaid to all who fill in the accompanying coupon remitting just \$2.00 to pay in advance for a 3 years' subscription (156 big numbers) to my well known farm weekly, "The Farmers Mail and Breeze."

My supply, while large will not last long on such an offer as this! So if you want to get in on this great bargain, sign and return the coupon with \$2.00 today.

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

Cut Out and Mail This Coupon Today!

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

Suggestions on Planting and Cultivation

BY A. M. TENNEYCK,
Supt. of Hays Branch Experiment Station
of Kansas Agricultural College.

[Written for Farmers Mail and Breeze.]

Writing from Russell county, on the edge of western Kansas, a reader of the Mail and Breeze says he intends to plant corn with a lister, in black, heavy gumbo. The soil is now full of moisture which he wishes to hold there. "My idea," he says, "is to begin disking as soon as the ground is dry enough. I think this would prevent the ground from cracking open if it should turn dry. The land is very foul with cockleburrs, and I think, after the early disking, by doing a good job of listing, I will cover all weeds. Am I right? Would you approve of my plowing what I could until April 1?" He adds: "I have leased this farm two years. Well rotted manure can be had here by the train load. Would I be rewarded in the two cropping seasons for hauling out this manure?"

The ground is now covered with a heavy coat of snow. As soon as the snow has melted and the soil is dry enough to till, start the disc or the lister. The disc may be somewhat the better weed-killer, but listing into furrows and ridges will conserve the most moisture.

bed. The deep-listed furrows allow the rains to percolate rapidly into the subsoil without going through the 5 or 6 inches of surface soil. The mellow ridges make a mulch which prevents the moisture in the soil from coming to the surface and evaporating. The ridges are a protection also from the wind and sun, and thus decrease evaporation and the furrowed surface, when dry, will not drift in heavy winds, as is apt to be the case in our western country, if the soil is left too smooth or not cultivated. At this station we list east and west if possible. This gives greater protection from sun and wind.

Using Harrow After Listing.

A week or so after early listing, if a rain falls and the weeds start, the furrows should be partly filled and the ridges leveled by a heavy harrowing. A little later when the weeds have started again, the harrowing may be repeated, or if time permits, the ridges may be split with the lister. The harrow should follow the second listing again and thus destroy another crop of weeds. Each harrowing will also serve to fill the furrow with a layer of mellow soil and thus effectually cover up and "seal" the

**A STITCH
IN
TIME
SAVES
NINE**



**A TASK
PUT OFF
FROM
DAY TO DAY
IS
NEVER
DONE**



**A TEST
IN
TIME
SAVES
NINE**





TESTING THE SEED LIKE THIS

INSURES A STAND LIKE THIS

—Drawn for Farmers Mail and Breeze by Walter D. Ward.

If you use the disc harrow you should repeat the disking if possible, after a heavy rain or when the weeds have started. Or perhaps, after a double disking, harrowing with the common harrow, weighting or riding the harrow, may give the desired results.

Much Gained by Early Disking.

The advantages of early disking are several: The smooth compact surface which is rapidly losing water by evaporation will be broken and the checks or cracks filled, thus producing a mellow soil mulch which acts as a blanket to keep the water in the soil—also the mellow-furrowed condition favors the absorption of the rains. The weeds, if any have started, are destroyed and the weed seeds on the surface are covered and sprouted at once, and may be killed by later cultivation. The tilth or texture of the soil also is improved, the surface soil becomes drier and warmer and the soil bacteria are encouraged to begin their work earlier, thus having some available plant food ready for the young plants, when the corn sprouts.

By continuing the cultivation as required, several crops of weeds may be destroyed before the corn is planted and the soil moisture may be stored in the subsoil and conserved for the use of the crop later in the year when the drouth comes.

If Planted With the Lister.

You might plow some of this land as you have suggested. This would be the best method if the corn was to be planted with the planter. Since you will list the corn, the plowing is not so necessary and such plowing should not be too deep, because it is preferable that the lister run deep enough to turn some hard ground in order to scour well.

When corn is to be planted with the lister I prefer early listing in preference to early disking in preparing the seed-

water which has been stored in the subsoil beneath the furrows.

At planting time, either split the ridges or plant in original furrows, whichever seems better. In a dry spring it will usually be better to plant in the old furrows, because the soil will be moist and warm and in more favorable condition to sprout the corn, than the condition in the ridges where the soil may be drier and colder. Or the old furrows may become too wet, when it will be better to split the ridges in planting.

In Case of Double Listing.

As a rule I should not think it advisable to double list before planting. I have suggested this with the idea of killing as many of those weeds as possible. But in case of double listing, the older or the newer furrows may be used for planting, whichever seems in the better condition.

In regard to the manure, you ought to get an ample reward for all you can haul on to the corn land this winter and spring, any time before the final listing when the corn is planted. With a favorable cropping season, there should result a good increase in this year's crop and a large increase in 1913. If the land owner is "on to his job" he will agree to pay part of the cost of hauling manure in 1913, in case your lease should not be renewed in 1914. Do not give too heavy a dressing of manure in one season, and spread it evenly, 8 or 10 loads per acre is a good dressing.

Top Notcher Among Them All.

Mr. Editor—Farmers Mail and Breeze is the best farm paper I ever saw.
R. R. Fooshee,
R. 1, Piedmont, Kan., December 26, 1911.

Trial trip until July 1, 1912 for 10 cents, Mail and Breeze, Topeka, Kan.

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

\$10 TO \$15 A DAY NET PROFITS

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

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

Sandwich Motor Press

Horse Power Presses

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

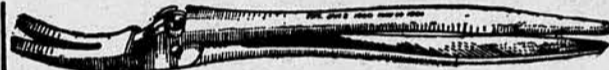
—as big or little as you wish. Our catalog pictures and describes each style. And each press is reasonably priced.

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

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149 Main St., Sandwich, Ill.

Stetler's Combination Wire Fence Tool



Will be delivered to any person in the U. S. for \$2.50. This is the New Drop Forged Steel Tool. We will pay the express on all orders received up to May first. Saving you from 50 to 75 cents. Order today. You need this Tool, but if not ready to buy write for book of instructions and testimonials.

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Farmers Mail and Breeze desires a local representative in every farm community who will devote a portion of his time to looking after renewals and new subscriptions. The work is pleasant and you will receive either Cash Commission or Valuable Premiums. Write to

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CLUB RAISERS' DEPARTMENT

TOPEKA, KAN.

Velvet

THE SMOOTHEST TOBACCO

Look for the Big Red Can

The very next time you buy tobacco, ask the clerk for Velvet, the kind everyone says is "the smoothest."

In the big, red moisture-proof Velvet can there are two full ounces of pure, clean smoking—made from carefully selected middle leaves of choice Burley that have been aged for two long years.

No hurry-up, patent process can produce tobacco like Velvet. It requires time and painstaking care to give tobacco such ripe, mellow perfection.

Don't forget—ask for Velvet and you'll get a big red can of "the smoothest" tobacco you ever smoked.

If your dealer hasn't it, ask him to get it for you from his jobber. No need to write us.

Full size 2-ounce Tins,
10c. 1-ounce Bags—
convenient for cigarettes—5c.

Spaulding & Merrick
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SEARS, ROEBUCK AND CO.

OFFER THIS

Big Close Skimming Separator

A Separator Offer Without a Parallel

Think of it! Only \$27.65, full and complete purchase price for the *Big Economy Chief Cream Separator*, a big, strong, durable separator just exactly as shown in this picture and absolutely proven by expert tests and thousands of testimonials to be the *closest skimming, easiest turning and most durable* cream separator ever put on the market. This is our wonderful, brand new 1912 model, equipped with our marvelous patented purifying and aerating bowl and the celebrated double opposed disc system. A regular \$70.00 big business cream separator for only \$27.65, and with a capacity of 300 pounds an hour, and covered by our guarantee for twenty years.

Direct From the Factory

That is the reason why you get the *biggest and finest* cream separator ever manufactured at the *lowest price* ever quoted. No agents' commissions for you to pay; no jobbers' profits; no extra dealers' profits; no so called factory distributors' profits. You pay only the *rock bottom price* based on scientific management and direct selling. You actually pay less than the dealer, less even than the jobber. Your order is filled *direct* from the largest and most completely equipped cream separator factory in the world.

We actually save you from \$40.00 to \$50.00 on any capacity machine you want. For instance, a 400-pound per hour capacity separator for only \$34.90; a 600-pound per hour capacity machine for only \$42.35. Big, massive, close skimming separators for even less money than others charge for small machines.

You Can Buy on Sixty Days' Trial

We will positively ship you the *Economy Chief Cream Separator* on *sixty days' trial*. We want you to give this separator sixty days' good hard test on your farm before you decide to keep it. Compare it with *any and all* of the overpriced machines you can find around. Try it on warm milk, cold milk, new, mixed or stale milk. It makes no difference. Then, after two whole months' trial, if you are not *absolutely convinced* that the *Economy Chief* is the greatest cream separator you ever saw *at any price*, simply return it to us and it won't cost you a penny. We will even pay the freight charges both ways if you return it. And remember, if you decide to keep it, we *guarantee it for twenty years*.

Your Old Separator Taken in Exchange

If you have an old cream separator of *any make whatsoever* that is out of repair, hard to run or will not run at all, we will take it off your hands as part payment for a brand new 1912 model *Economy Chief*. You can't afford to neglect this opportunity. The chances are that your old, poor running separator is wasting enough cream for you to pay for our wonderful *Economy Chief* in three months' time. We'll take this old machine off your hands, *no matter what make it is*, and furthermore we will make you a good liberal and fair proposition.



Send This Coupon Today for the Economy Chief Book No. 65M83.

Do it now. Simply fill in this coupon and mail it to us *at once, today*, and we will promptly send you, *free and postpaid*, our beautiful 1912 *Economy Chief Cream Separator Book No. 65M83*, the most complete and richly illustrated cream separator book ever printed, showing all sizes of the *Economy Chief*, explaining in detail our special bargain prices and *sixty days' trial*. Simply send coupon or use postal.



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FOR ONLY
27.65

The Economy Chief

Our \$1,000 Skimming Challenge

We will give \$1,000 in gold to the separator manufacturer who can produce a machine that will outskim the *Economy Chief*. We make this challenge to the makers of **ANY AND EVERY OTHER SEPARATOR** in the United States. We have tested them all and we know the facts. This great sweeping challenge has been advertised for years and has never yet been accepted.



COUPON. CREAM SEPARATOR BOOK.

Sears, Roebuck and Co., Chicago, Ill.
Gentlemen:—Please send me at once, free and postpaid, your beautiful 1912 *Economy Chief Separator Book No. 65M83* and full details and particulars of your *Special Prices and Sixty Days' Trial*.

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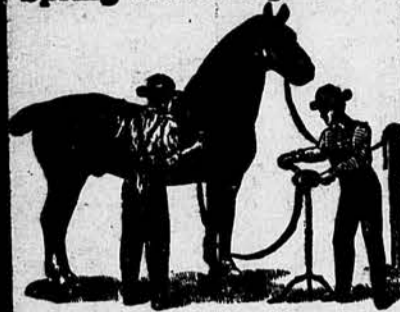
R. F. D. No. _____ State _____

P. O. Box No. _____ Street and No. _____

Are you interested in our Exchange Offer? Please answer yes or no _____

Sears, Roebuck and Co., Chicago

Your Horses are Entitled to a Haircut Before the Spring Work Begins



Farmers and horse owners of England and France have done it for years and it is done now by progressive owners everywhere in this country.

Stewart Ball Bearing Clipping Machine

The price of this splendid \$7.50 machine is only at your dealers direct.

What Farmers Are Thinking

Readers of Farmers Mail and Breeze are cordially invited to air their opinions in this column if they can do it briefly.

Too Many Laws and Too Many Jobs.

Mr. Editor—It seems to me we have too many laws and many of them not enforced.

Kansas Robbing Needy Widows.

Mr. Editor—If ever there was an unjust law passed by the Kansas legislature the Inheritance Tax law is one.

Why Farm Wages Are Low.

Mr. Editor—I will tell you what will get people back to the farm. Give the farmers enough for their products so they can pay wages corresponding to the scale of the rest of the business world.

Girard, Kan.

Are Producers Getting Their Share?

Mr. Editor—In a recent issue of Farmers Mail and Breeze I noticed these figures on the "Distribution of Wealth":

Farm products \$ 8,926,000,000

Manufactured products 14,802,147,087

Product of mines 1,857,371,053

Total \$25,585,518,140

Did anyone but farmers, factory hands and miners have anything to do with the production of this great wealth?

Calvin, Okla.

A State List of Farms for Sale.

Mr. Editor—A few days ago I received a bulletin published by the department of agriculture of the state of New York.

Garden City, Kan.

Why the Town Appeals to Young Folk.

Mr. Editor—I contend the reasons why our young people leave the country for the cities are the crude sociability, shallow religion, and unwholesome educational privileges found in the country.

so bright are held up to contempt and treated as dunces, when education is more necessary to the welfare of the weak and less favored ones.

It is hard to say just what is the matter with religious conditions in the country, but it seems very much as though the devil is really in the Lord's place and that our young people in their fulness of life, the music and merrymaking of their happy days, all must go to hell, if one listens to many of the quack preachers.

Moline, Kan.

Volunteer Road Dragging Needed.

Mr. Editor—I read the letter of A. K., Clifton, Kan., on road dragging and if every one of us would take the interest in good roads that he does we would have far better roads.

Clifton, Kan.

Some say road improvement is being pushed just for those who have autos, but I notice those who have no cars seem to like to have the roads in fine shape just as much as the others.

Clifton, Kan.

An Indictment of the Farm Cat.

Mr. Editor—The dog population of the state is several hundred thousand, but there are at least five cats to every dog.

Cedar, Kan.

Better a Law to Uproot Hedges.

Mr. Editor—In a recent issue of Farmers Mail and Breeze I noticed an article by J. A. Darrow in which he protests against the law that requires him to trim his hedge along the roads.

R. 1, Carney, Okla.

SPECIAL SUBSCRIPTION BARGAIN.

The Farmers Mail and Breeze Until July 1, 1912, for Only 10 Cents.

This is a special subscription offer made to interest new readers in Farmers Mail and Breeze.

HARLEY-DAVIDSON

14 inches of Springs between the rider and the bumps.

The Full Floating seat together with the saddle springs of the new Harley-Davidson place 14" of springs between the rider and the bumps.

The Free Wheel Control (another exclusive feature) permits this machine to be started without tiresome pedaling or running alongside.

Send for catalog. Harley-Davidson Motor Co. 526 A St. Milwaukee, Wis.



PREPARE FOR SPRING WORK



The Busy Season Need Not Worry You when you use Ventiplex Pads in your horse collar, because your horses are always free from sore necks and shoulders.

Better than other kinds at the same price. Do not accept a substitute—ask for Ventiplex and insist on getting it.

Burlington Blanket Co. DEPT. 29 BURLINGTON, WIS.

Advertisement for Indiana Silo, featuring an illustration of a silo and text describing its benefits.

THE HINGE-DOOR SILO

BUILT OF FIR ONE-PIECE STAVES—half-inch tongues and grooves—heavy all-steel door-frame—hinges form ladder—billet steel hoops—a silo with every convenience and built to last a lifetime.

One Dollar a Wheel

Puts Empire Low Steel Wheels on Your Wagon Now Only \$4 to have a set of Empire Low Steel Wheels on your farm wagon for your heaviest hauling.

KAFFIR AND SNAP CORN "CORN BELT" MILLS

Make bigger profits. Grind feed! Get the best mill. The Corn Belt grinds soft and hard corn—Kaffir and Snap Corn and small grain fastest, best and cheapest.

GOLD WEDDING RING FREE

Send for 12 packages of our beautiful high grade gold embossed post cards to distribute at 10c pkg.

240 Page Book On Silos and Silage

Most complete work on this subject published. Used as text book by many Agricultural Colleges.

Our Farmers' Cattle Knife Free

This Farmers' Cattle Knife is a beauty. It has one large scimitar, one spaying and one congress blade; Extra quality steel, double German Silver bolster and shield, brass lined, stag handle.

BROOMCORN

Will our readers in western Kansas and Oklahoma give us a leaf out of their experience in broomcorn raising, marketing, etc.? Take up any phase of the work you choose. For best letter each week a year's subscription or extension of subscription to Farmers Mail and Breeze.

A Warning That Is Timely.

[Prize Letter.]

Mr. Editor—I should like to say to those growers who are thinking of putting out a large crop of broomcorn on the strength of this winter's high prices that I have noticed low prices almost invariably have followed a season of high markets. I shall not plant much brush this year.

The man who puts out an acreage that he and his family can well take care of is far ahead of the grower who puts out so much that he must hire help to harvest it when prices are low. With others of my immediate neighbors I have sheds in which we place our brush as soon as baled and if prices do not suit us we hold the crop until they do. The sheds prevent shrinkage which is soon noticeable in brush ricked up outside. I very much prefer having my own sheds to storing the crop in a company's warehouse. They can be built at a minimum cost and the man who builds one always gets a better price for his crop than his neighbor without one.

Strive for quality instead of quantity. Improve the seed each year by selecting it yourself, and keep it pure. Save the weight and fiber of the brush by cutting it before it gets too ripe. Use good judgment in curing and ricking it up as good brush is often spoiled in this manner. Demand that the seeder remove all seed and bale properly.

New Ulysses, Kan. A. R. Neese.

Seed Time and Harvest.

Mr. Editor—I prefer the Dwarf broomcorn as the fodder is nearly as good feed as cane if cut as soon as the brush is pulled. Others prefer the Standard because they claim it is more drouth-resistant. I plant with a lister, running it rather shallow and covering the seed at various depths as the condition of the soil seems to warrant. I give broomcorn about the same cultivation I do corn.

I begin to pull as soon as the seeds are well set and generally stack rather green. I put the heads in rick form, making the layers 6 or 8 inches thick. If it starts to heat, I take it down and relay it and have never had any damaged brush. As soon as baled it should be placed under a shed, or covered to prevent bleaching. The cost of putting brush into the bale will vary from year to year, depending on yield, and price of labor, but it will average around \$40 or \$50 per ton.

I notice there is some interest in growing broomcorn in the eastern part of the state. The crop will make well there but it must be shedded as rain damages the brush. Here in the West we have a dry harvest generally and can handle the brush for about half what it would cost in eastern Kansas. As a rule we can make a profit here on a price that would mean a loss to eastern growers.

New Ulysses, Kan. F. A. Henthorn.

A Profit Every Other Year.

Mr. Editor—Twenty-four years ago I had my first experience with broomcorn. I still find the proper curing of it a problem. I plant from 15 to 20 acres of broomcorn each year. It has always paid expenses and every other year makes a

POTATOES

| | |
|-----------------------------------|--------|
| Early Ohio Kaw Valley, per bu. | \$1.35 |
| Early Ohio Red River, per bu. | 1.70 |
| Early Rose Red River, per bu. | 1.50 |
| Early Triumphs Red River, per bu. | 1.50 |
| Early Irish Cobbler, per bu. | 1.70 |
| Burbanks and Rurals, per bu. | 1.50 |

SEED SWEET POTATOES—ALL VARIETIES.

Everything in Field and Garden Seeds. SEED CORN—Boone Co. White, Reid's Yellow Dent, and several other varieties—true to name and sure to grow. Send for our Catalogue.

Hayes Seed House, 524-526 N. Kansas Ave., Topeka, Kansas.

good profit. Last September Liberal buyers paid from \$120 to \$200 per ton and inside of two weeks they dropped to \$50 and \$70. At the same time the eastern market quotations had lost only \$10 per ton. Please don't omit the market report on broomcorn in Farmers Mail and Breeze for we need it.

Liberal, Kan. W. E. Bloom.

Fight San Jose Scale Now

BY DR. T. J. HEADLEE, Entomologist Kansas Experiment Station.

San Jose scale is present in 17 of the 105 counties of Kansas and it might be found anywhere in the state. It is especially fond of peach and if present at all, is likely to be found on these trees. At this time of year, the living scales are in the black, half-brown stage, lying dormant on the bark. If trees are badly infested, they are easily distinguished by the roughened, grayish look of the bark, but if only slightly infested there will be only a few scales here and there, and they will be difficult to find. The writer will be glad to have anyone send in supposed infested specimens and will notify finder of the nature of the trouble without delay.

Spray Before Buds Open.

Between now and the time that the buds open is the best time to destroy the scale. The first step in this treatment is careful pruning of the trees. All dead wood should be cut out and the tree shaped up according to good orchard practice. It should then be completely covered with a spray of lime-sulphur. So complete should be this treatment that every square inch will be covered. Where only two or three trees are concerned, they could be coated with lime-sulphur by means of a whitewash brush. When from 25 to 100 are to be sprayed, a barrel sprayer should be used.

How Spray Mixture Is Made.

Very satisfactory lime-sulphur can be made at home, but the process requires time. Suspend a 25 or 30 gallon iron kettle over a fire, as if preparing to make soap. Do not use a copper kettle, because the lime-sulphur will corrode it. Place about 3 gallons of water in the kettle, put 15 to 20 pounds of good stone lime into it, and slake it, adding water as required. When the lime has broken down, forming a pasty mass, and is still heating vigorously, sift 15 pounds of finely ground sulphur into the kettle, stirring the slaking lime steadily. Continue to heat and stir the mass, gradually adding water until the kettle is well filled. Boil the lime-sulphur from 45 minutes to an hour or until the liquid takes on a dark red color. It should then be strained into a spray barrel, the whole mixture raised to 50 gallons by the addition of water, and should be applied at once. This is a cheap spray from the standpoint of materials and a very effective one from the standpoint of killing the scale. One good spraying of this type every year should keep the scale under control.

Manhattan, Kan.

An Early Start for Plants.

[Prize Letter.]

Mr. Editor—I have a method of growing early plants for the garden that is very satisfactory. On the south side of my workshop the ground slopes away to the south and here I have a pit about 16 inches deep, 4 feet wide and as long as the building. I fill this with fresh horse manure and tramp it down until within 3 inches from the surface, water it, then cover with ashes and on top of this put 4 inches of well pulverized soil. For a frame I put a 4-inch board in front and slant the sides upward to a height so the cover will not sag down on the plants. For a cover I have a blanket of loose woven burlap nailed to the back and tacked to a pole in front which may be rolled back. A heavy piece of canvas is put on in the same way to be used on cold nights. Do not wet the plants through the day, but rather in the evening. I sprinkle the bed thoroughly when I take the plants out to set them or else make a rich mud bath to put the roots into before setting them in the ground. Treated this way your plants will live and grow.

O. G. Roberts.

R. 1, Deer Park, Wash.

Trial trip until July 1, 1912 for 10 cents, Mail and Breeze, Topeka, Kan.

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Our catalogue for 1912 mailed free on application. All kinds of Garden, Grass and Field Seeds, Tools, etc. Everything for farm and garden. HARNDEN SEED CO., Dept. 'B', Kansas City, Mo.

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For spring sowing. From locality where it grows best and most abundantly. Our seed won the Gold Medal at the St. Louis World's Fair in competition with the world. All our seed is native grown, plump and vigorous. Write us today for prices and free samples. Address McBETH & DALLAS, GARDEN CITY, KAN.

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Seed Corn at State show at Manhattan. This proves beyond a doubt that I have the best strains of seed corn in the West. Reid's Yellow Dent and Boone County White. Write for free catalog. Brown Co. Seed House, S. C. Trent, Prop., Hiawatha, Kan.



GRAND CHAMPION BUSHEL OF CORN AT THE NATIONAL CORN EXPOSITION, OMAHA, DEC. 1907 BOUGHT BY ARTHUR CAPPER FOR \$280.00 AND BROUGHT TO KANSAS

Greatest Seed Corn Offer Ever Made!

Grow Record-Breaking Crops From the World's Purest and Finest Seed Corn

"Grand Champion" White Grown from Grand Prize Bushel for Which I Paid \$280.00

Two Pounds FREE To Each Subscriber

I am reproducing here a photograph of the world's best bushel of Seed Corn—the bushel which was awarded first prize at the National Corn Exposition, Omaha, Nebraska, and which I purchased for \$280.00 cash.

I gave some of this seed corn to Mr. H. V. Cochran, one of the most expert seed corn growers in America, and the seed which I offer here was grown from the prize bushel and you will find it the equal of the original bushel, which brought perhaps the highest price ever paid for a bushel of seed corn.

The corn is a large pure white, deep grain, matures in less than 100 days and is an extra heavy yielder.

I believe this to be the greatest opportunity ever presented to the readers of my paper to make a record increase in the quality and yield of future corn crops. The way to improve the corn crop is by the use of high-bred seed—and here is seed which I believe cannot be equaled by any other no matter what the price. A few pounds of this seed should bring enough fine quality seed to plant your entire acreage next year.

Here Is My Great Offer:

I have had this "Grand Champion" corn put up in one pound packages, all ready for mailing. As long as my supply lasts I am going to give it away on these very attractive offers:

Two pounds of corn and a year's subscription (new, renewal, or extension) to Farmers Mail and Breeze—for \$1.00. I will also give you two additional pounds for each new yearly subscription you send me other than your own at the regular rate of \$1.00 a year.

You pay nothing for this corn—it is mailed to you, postpaid, as a free gift for your own or your neighbor's subscription to The Mail and Breeze at the regular rate—2 pounds with each yearly subscription.

BE QUICK! No Time to Lose!! When My Small Supply Is Gone No More Can Be Had at Any Price!

You've no time to lose if you want to be sure of getting your share of this World's greatest seed corn! I have only a very limited quantity and can secure no more at any price when this supply is gone. Send your subscription or renewal at once. If too late, I will notify you and return money. Fill out and mail coupon at once. You can't afford to lose out on this greatest seed corn offer! Address

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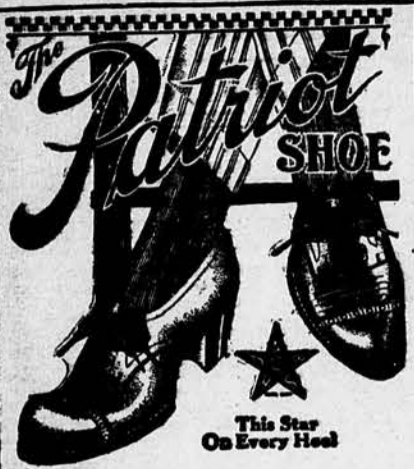
I enclose \$1.00 for which send Mail and Breeze one year, also send me free and prepaid Two Pounds of your "Grand Champion" White Seed Corn as per offer.

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Postoffice

R. F. D. State. (Use letter paper for sending other subscriptions.)



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"Star Brand Shoes Are Better" Dept. A, 21, ROBERTS, JOHNSON & RAND

Advertisement for Iron Age tools, featuring an illustration of a wheel hoe and text describing its benefits for farmers.

Advertisement for 5 Special Silo Propositions to You, listing various silo models and their features.

Advertisement for Dr. Newton's Liniment For Horses and Cattle, describing its uses for various ailments.

Advertisement for A Good Liniment for 20¢, providing a recipe and describing its benefits.

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. In asking advice be sure to state in full the history of the case, location of the disease and the conditions under which animal has been kept just prior to and since the disease appeared.

Bloody Discharge. I have a mare that passes blood several times a day though not with her urine. She has been in full heat for about three weeks. Her urine is of a milky color.

Bog Spavin—Skin Disease. I have a gelding 18 months old that has a bog spavin on his left hind leg. It appeared six months ago and has never been very large.

Cholera Inspection. I have had the cholera among my hogs this fall and no doubt they are still infected with the germs.

Mare in Foal—Ring Bone. (1) I have a mare that was bred last July and am in doubt as to whether or not she is in foal.

Sow With Weak Back. I have a sow that farrowed December 13 in a warm, dry place. She was all right until a month later when I found her unable to get up one day.

Sore Eyes—Signs of Pregnancy. (1) What can I do for calves that have sore eyes and that are losing their hair? They are also affected about the mouth.

Cholera Effects on Meat. Is there any way of telling whether or not a hog has been sick with cholera, after being slaughtered?

How to Entertain. Book with 250 Jokes and Riddles, 73 Toasts, 67 Parlor Tricks, 8 Fortune-Telling Secrets, 22 Money-Making Secrets, 22 Funny Readings. All 50¢ Postpaid.

THIS BEAUTIFUL RING FREE! Set with four sapphires surrounded with six bright sparkling diamonds. This is positively the most beautiful ring ever given and can be had without costing you one cent by distributing only four of our large beautiful pictures at 25¢.

be able to tell positively whether or not a mare is in foal and experience and actual practice is about the only way of telling anything about it. It is generally understood however that after a mare gets in foal she will not be as lively as beforehand, sometimes gets a little cross, will eat a little more than usual or at any rate will have quite an appetite and then will fill out and increase in weight.

Symptoms of Cancer. I have a 4-year-old bull that had a growth come in the corner of one eye about the middle of last summer as large as a teacup. The growth seemed to spread to his lower eyelid and then an enlarged place appeared just below the ear.

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LOUDENS Bird Proof Barn Door HANGER. No other barn door hanger on the market positively and permanently overcomes all the troubles of clogging by either birds in summer or by snow and ice in winter.

Louden's Bird Hanger is the only one on the market having flexible track which prevents gathering of trash between track and barn.

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HARBISON MFG. CO., General Agents, - Kansas City, Mo.

Advertisement for New Wheels for the Old Wagon, featuring an illustration of a wheel and text describing the benefits of electric wheels.

Advertisement for PATENT YOUR IDEAS, offering services for patenting inventions.

Advertisement for WATCH RING & CHAIN FREE, offering jewelry for sale.

Advertisement for 4 RINGS FREE, offering jewelry for sale.

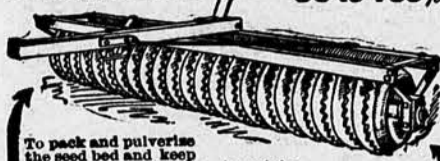
Advertisement for FREE to GAS ENGINE OWNERS, offering a book on ignition troubles.

Advertisement for GOOD MONEY in Hay handled, offering services for hay handling.

Advertisement for Horse Book FREE, offering a book on horse training.

Advertisement for Our Great Offer!, offering a special arrangement for a book.

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



To pack and pulverize the seed bed and keep a loose mulch on top - to retain the moisture - is as important as to sow and to plant. The Western Land Roller Will Do It All.

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ECZEMA CAN BE CURED TO STAY, and when I say cured, I mean just what I say - CURED and not merely patched up for awhile, to return worse than before.

Dr. J. E. Cannaday, 158 Park Square, Sedalia, Mo. References: Third National Bank, Sedalia, Mo.

20 Lovely Post Cards No 2 Easter Allike 10c

Campaign Offer!

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This startling half-price subscription offer is made by THE JOURNAL strictly as a trial and on a cash-with-the-order basis.

This is campaign year. Every wide-awake citizen of the Southwest wants the news and he wants it straight.

In this offer we furnish seven papers a week, including the Great SUNDAY JOURNAL. Every day THE JOURNAL will give you a complete telegraphic report of the World's doings;

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Clip the coupon below, attach one dollar and mail today direct to THE KANSAS CITY JOURNAL, KANSAS CITY, MO.

The Kansas City Journal, Kansas City, Mo. I enclose one dollar. Send me The Daily and Sunday Journal for six months, beginning immediately.

In Case of Sore Shoulders

PREVENTION IS BETTER.

[Prize Letter.]

Mr. Editor—How unsightly a sore neck or shoulder appears on a horse and what suffering it causes. A properly fitting collar and rightly adjusted harness will cause no sores but if sores come get the following from your druggist:

G. F. Sandritter. Blue Springs, Nebr.

Deep Plowing in Dry-Farming

RESULTS IN COLORADO.

Mr. Editor—So many dry-farmers in this vicinity are doing shallow plowing, or merely disking, that they laugh at me for plowing deep, but I was one of the few who had any wheat last summer.

Windsor, Colo.

A letter received from E. R. Parsons, who for many years has been one of the most interested and successful dry-farmers in eastern Colorado says:

Dynamite For Bad Roads

Samuel Newell, a trustee of Fairview township in Stafford county, Kansas, is using dynamite to eliminate mud holes from the roads.

Have You a Good Photograph

We want to print more pictures in Farmers Mail and Breeze from our folks, showing good farm homes, good barns or other farm buildings;

A year's subscription to the Topeka Daily Capital is coming to some one of our readers in return for a good photograph of this kind which will illustrate a little story of upward progress on a Kansas farm—

Photo must bear your address, and don't be stingy with the facts. No photographs returned unless requested and stamps are enclosed.

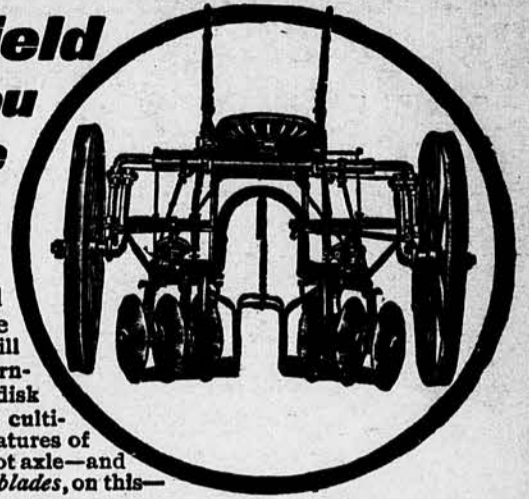
Seed Corn Situation in Iowa

Prof. Bowman sent out 1,500 letters to Iowa farmers asking if they had seed to sell. Seventy-five per cent came back wanting to buy, rather than to sell.

When the cattle-fever tick is destroyed in the Southern states the country will get much more meat from that section, and the producing of it will build up the farms there.

Over the Field Once—and You Get a Double Cultivation

You know that the disk will pulverize the hardest, baked soil, will work in trash where shovel blade cannot penetrate; will cut its way through weeds, corn-stalks, etc.



Janesville Pivot-Axle Disk Cultivator

Disks can be tilted at any angle to meet any condition. Gopher leveling blade follows disk gangs, fills up trenches, removes dirt from next to rows, destroys weeds, drags them out, leaves soil in thoroughly pulverized condition.

loose joints. Wide swing to wheel with slight movement of foot lever. All other parts of Janesville Pivot Axle Disk Cultivator are perfect.

Send Your Name

Let us send you our booklet about this splendid money-saving implement. Let us tell you the names of leading dealers who can show you all Janesville machines, and tell you all the facts about prices, etc.

The Janesville Machine Co., 42 Center St., Janesville, Wis.

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DO YOU WANT TO BE SOMEBODY?

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Booker T. Washington's Best Book, "The Negro in Business"

This is the most inspiring book that young people could read. Every home ought to have a copy. It contains 380 pages, beautifully illustrated, well-bound and sells at \$1.50.

The Jno. A. Hertel Co., 605 W. Jackson Blvd., Chicago, Ill. Send us \$1.00 and the names and addresses of five people who would make good canvassers and we will mail you a copy of "Negro in Business"

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Farmers Sons Wanted

with knowledge of farm stock and fair education to work in an office; \$80 a month with advancement, steady employment, must be honest and reliable.

EXTENSION FREE BRACELET This handsome Gold Bracelet, set with sparkling Amethyst given for selling 25 NEW MOTTO PICTURES 10c each. We trust you. Write for 25 Pictures. GEM ART COMPANY Dept. 333 Battle Creek, Mich.

Do You Want To Know What Lightning Protection Really Is?

Then write for my new illustrated descriptive catalog which I send Free.
It's interesting and instructive—explains about Lightning Rods—shows the difference between the good and poor kind. It gives valuable information and facts, why

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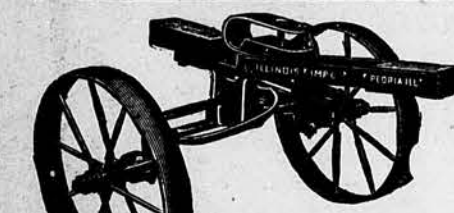
are not just ordinary Rods—but the best, most improved, most reliable lightning protection in the world.

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To tell you of my \$75,000 bond which protects you. Ask about the special bond we give you when you buy. Ask about our method of inspecting your property to insure perfect rodding. Ask him to show you the new improvements on Shinn Rods, the special twisted copper cable, the patent 4-legged brace, the special coupler and the other improvements not found on ordinary rods.

If there is no Shinn Dealer in your town write me and get full facts before you buy any other kind. Address

W. C. Shinn,
110 16th St. Lincoln, Neb.



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The only high wheel truck made. Universal. Can be used under any implement on the farm. Shifts from one to the other without change. Works with or without pole. Built on principle of automobile. At your dealers, or write

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CROPS and FARM WORK

A Touch of Spring Weather at Last—Acreage of Oats Will Probably Be Cut Short on Account of Late Season—Reports on Wheat Conditions Are Encouraging and Fields Supposedly Dead Show Signs of Life.

(Crop Reporting Service of Farmers Mail and Breeze.)

Real spring weather broke in on Farmers Mail and Breeze territory the first of the week and it seemed too good to last but those few days of fine weather played havoc with the snow and by the time this issue gets into the readers' hands the winter's snows may be a memory. Should the spring weather continue for a few days longer there will be a grand rush to the fields about the end of next week or the week following. Much oat ground is still to be plowed but it is more likely that the oat acreage will be cut short and attention directed to preparing for other spring crops when spring work opens up again.

Reports as to the condition of wheat are all optimistic this week. With the ground unfrozen under the snow the crop was doing some growing right along no matter what the weather did above the snow crust. Reporter Moore of Sumner county, Kansas, speaks of several fields thought to be dead some time ago that are showing up green and that will undoubtedly be the case with many more fields as the spring sun warms up the soil and starts life in the roots. In this connection it will be remembered that a considerable number of reports came to this office during the summer of 1910 telling of fields of wheat supposedly dead and plowed under, while nearly fields or portions of the same field left standing made as high as 20 bushels per acre. A field of wheat can look pretty dead at this time of year and still make 30 bushels per acre by the fourth of July.

In Tulsa county, Oklahoma, Reporter Booth says farm work is at least two weeks behind. No grass or other crop is showing green yet while a year ago on this date stock had fair pasture. S. A. DeLair of Comanche county, says wheat was O. K. when last seen but if it requires a winter like this one to make a good wheat crop he prefers corn bread. Ness county, Kansas farmers are living in hopes that the snow will be off in time to plant corn, says Reporter Foster.

Prairie hay is up to \$10 per ton in Republic county, Kansas.

KANSAS.

Sumner County—Growing wheat has improved under the covering of snow and quite a few fields that were supposedly dead are showing life. Rough feed is getting scarce and if grass does not come soon some farmers will be hard run for feed.—H. C. Moore.

Republic County—More snow has put a stop to all talk of sowing oats. Snow in corn stalks lies from 3 to 4 feet deep and it will be a long time until field work will be possible. Some roads not opened yet. Hay getting scarce and prairie is selling at \$16, corn 58 cents, cream 24, eggs 18.—Ed. Erickson.

Butler County—Had two days of sunshine in five weeks up to March 16. Roads almost impassable. Feed of all kinds getting scarce and high. Fattening cattle and hogs not doing very well on account of muddy lots. Hogs \$6 to \$6.25, corn as high as 70 cents, Kafir about 63, oats 55, butter 25.—M. A. Harper.

Rush County—Have been snowbound since February 25. Since February 21, 23 inches of snow has fallen here and have had 4 feet 4 inches so far this winter. No mail on rural routes for three weeks in west part of county. Feed very scarce and have not been able to ship any in. Almost the entire county out of coal.—J. F. Smith.

Ottawa County—The ground has not been clear of snow for 86 days. The blizzard of March 14 was the worst in 25 years here. Rural mail delivery is impossible and for three weeks railroad traffic has been intermittent. Sales postponed from week to week. Feed scarce and high but stock doing well considering the weather.—W. S. Wakefield.

Edwards County—Had another bad snow storm last week, the 14th. Many pigs dying on account of severe weather. Stock is looking good but feed getting scarce. A few sales being held and everything sells well.—J. A. Baxter.

Leavenworth County—Snow is going fast and frost is coming out of the ground leaving it almost bottomless. Grass is green and wheat looks fairly good. Most stock has stood the winter well, but feed is scarce now.—Geo. S. Marshall.

Comanche County—Ground still covered with snow. A fair crop of oats would be sown if weather would permit. Loss of cattle here heaviest in years. Pig crop will be short. Wheat was O. K. when last seen but if it takes this kind of a winter to make wheat, give me corn bread.—S. A. DeLair.

Russell County—Plenty of snow and stormy weather the last few weeks but the sun is shining again. Farmers are anxiously waiting for good weather so they can begin

spring work. Plenty of thin stock but not much loss reported. Wheat in fine condition. Hay \$17 to \$23, wheat 95 cents, corn 78, eggs 17.—Mrs. Fred Clausen.

Gray County—Another storm March 14 and if this continues there will probably be a feed shrotage. Much stock was brought into the county to feed, as there seemed to be plenty last fall. Have had fully 5 feet of snow here. Wheat is in fine shape. Much of it under 2 feet of snow, but ground is not frozen. Oat sowing will be late.—A. E. Alexander.

Ness County—Plenty of snow since February 25 and roads are impassable. Plenty of moisture and ground is not frozen. Wheat probably growing right along under the snow. Farmers are hoping snow will be off in time to plant corn. Not many sales but prices are fairly good. Hay \$14.50 to \$20, potatoes \$1.50, eggs 18 cents, butter 25.—C. D. Foster.

Stafford County—This has been one of the worst winters on record here. From December 17 until March 15 the ground has not been clear of snow. No spring work begun yet. Feed very scarce and high. Good horses and mules are in demand at good prices. Good cows also sell well. No demand for scrub stock. Coal is scarce on account of railroad blockades.—S. H. Newell.

Logan County—Very little sunshine and still about 12 inches of snow on the level. Drifts are deep and there is practically no travel yet. Feed getting dangerously low and railroads are blocked half the time, which prevents shipping in feed. Some stock has been lost but not on account of the feed shrotage. We need sunshine. Butter fat 27 cents, eggs 20, hay \$16.50 to \$20.—A. O. Brooking.

Marion County—Ground still covered with snow to a depth of 3 feet in places. No bottom in the fields as every bit of water has soaked into the ground. Cannot tell about condition of wheat until snow goes off. Feed is scarce and high and some are feeding straw two years old. No loss of stock from bad weather. Hay \$12, alfalfa \$14, seed potatoes \$1.50, seed oats 60 cents, corn 65, eggs 15, butter 22.—H. R. Heyland.

Allen County—Plenty of snow and rain and roads are in bad shape. Wheat looks fair. No oats sown yet. Corn hauled to town last fall is being hauled back again for feed in some parts of county. Many light hogs going to market. Farmers' union being organized in this part of county. Cows selling at \$50 to \$65, hogs \$8, cattle \$3 to \$5, hay \$10, flax seed \$2.25, potatoes \$1.75, eggs 17, butter 20, butter fat 25.—Geo. O. Johnson.

Sheridan County—Still have about 13 inches of snow on the level and roads are almost impassable. Feed question growing serious but stock is standing the ordeal well. Baled hay is being shipped in. Wheat conditions good but no estimates can be made.—R. E. Patterson.

Norton County—Snow still about 2 feet deep on the level. Conditions of early wheat promising but doubtful on late sowings. This has been a strenuous winter for stockmen. My 23 years in this county have shown that the best crop seasons follow hard winters. Farmers are ready to battle with Mother Nature another season.—Sam Teaford.

Stanton County—Snow going off slowly. Grass is still covered and there is little roughness left. No grain except what can be hauled from the railroad 50 miles away. Everybody who can is freighting feed and it takes from 6 to 10 days to make the trip. Freight on provisions is 50 cents per 100 pounds at present. Some cattlemen have lost heavily. Butter 20 cents, eggs 25, flour \$1.60 per sack. No potatoes.—G. S. Greger.

Getting Better Farther On.

Mr. Editor—I am in receipt of a postal stating that my subscription has been advanced one year because of a contributed article. After reading so many good prize letters I did not expect anything and this comes as a surprise to me, for which accept my sincere thanks. Farmers Mail and Breeze is getting better and better. It is a "Breeze" that is refreshing, both summer and winter.

J. W. Hall,
Cheney, Kan., February 1, 1912.

SIX SILVER NARCISSUS TEASPOONS FREE.

I have just consummated a most remarkable purchase whereby I secured at a ridiculously low figure 5,000 sets of beautiful Silver Narcissus Spoons made by the famous Oxford Silver Plate Company. Each spoon is extra heavy, full standard length, extra deep bowl and with beautifully embossed and engraved handles. I am going to give a set of these handsome spoons absolutely free, postage paid, to all who send just \$1.00 to pay for a year's subscription to my big farm weekly, The Farmers Mail and Breeze. Send your subscription order at once and secure a set of these beautiful and serviceable spoons. State whether you are new or old subscriber. Time will be extended one year if you are already paid in advance. Address Arthur Capper, Publisher Mail and Breeze, Topeka, Kan.

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FOSTER'S FORECASTS

APRIL WILL AVERAGE WARMER.

(Copyrighted 1910 by W. T. Foster.)

To Farmers Mail and Breeze:

Washington, D. C., March 23.—My last bulletin gave forecasts of disturbance to cross continent March 22 to 26, warm wave 21 to 25, cool wave 24 to 28. This storm wave was expected to be of more than average force with most rain in southern sections. Temperatures of the five days centering on the warm wave were expected to average colder than usual.

Next disturbance will reach Pacific coast about March 28, cross the Pacific slope by close of 29, great central valleys 30 to April 1, eastern sections April 2. Warm wave will cross Pacific slope about March 28, great central valleys 30, eastern sections April 1. Cool wave will cross Pacific slope about March 31, great central valleys April 2, eastern sections April 4.

Immediately preceding this disturbance a cold wave is expected that will



FOSTER'S WEATHER MAP.

(For Better Understanding of the Forecasts.) Broken lines separate map into eight great weather districts, named North Pacific Slope, South Pacific Slope, Great Central Valleys including the Northwest and Southwest, and Eastern Sections including the Lakes, the Northeast the Southeast and Washington. The dividing line bisecting St. Louis is meridian 90.

Heavy frosts further south than usual and the warm wave following will cause higher temperatures than usual. Cold weather will continue through the first week of April, and then temperatures will rise more rapidly than the season would indicate, the last half of April being much warmer than usual.

Next disturbance will reach Pacific coast about April 3, cross Pacific slope by close of 4, great central valleys 5 to 7, eastern sections 8. Warm wave will cross Pacific slope about April 3, great central valleys 5, eastern sections 7. Cool wave will cross Pacific slope about March 6, great central valleys 8, eastern sections 10.

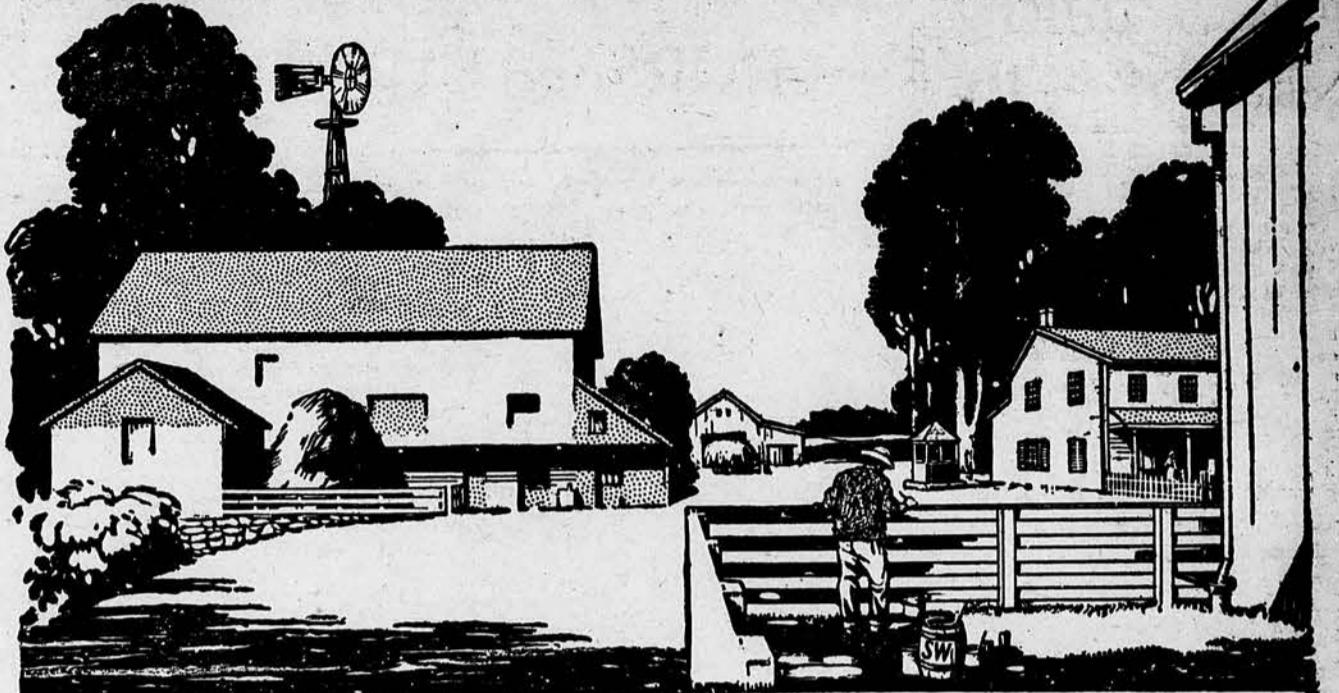
Temperatures of this disturbance will average lower than usual and not much rainfall. The only important feature will be the unusually cool weather. The month of April will average warmer than usual in the states and from about to a little below normal in Canada.

Rainfall of April will be very much scattered and uneven. From Manhattan, Kan., to Albany, N. Y., in a wide strip, rainfall will generally be above normal, while a few places in that strip will have a deficiency in moisture. In most of the cotton belt rainfall will be deficient but near the Gulf coast and in Cuba more than usual rain is expected.

New Hardship For Farmers

Farmers in England now have a brand new source of worry that has not as yet come to the American farmer. Airships are rather common over there now and it is not unusual to see one drop down into one of the carefully tended English fields, either through accident or miscalculation. The country being closely settled, a crowd soon gathers and by the time the aviator is on his way again or has cleared away the wreckage the crop in that field is a sorry sight. The matter has been considered as serious enough to demand the attention of the government's chamber of agriculture. In Kansas it is hard enough to keep hunters and other trespassers off the place, but how will it be when a man has to post warnings to keep the aviators from alighting in his fields?

A small farm with big crops is much better than "farming the whole country" and half doing it.



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You pay nothing for this corn—it is mailed to you, postpaid, as a free gift for your own or your neighbor's subscription to The Mail and Breeze at the regular rate—2 pounds with each yearly subscription.

I have only a very limited quantity and can secure no more at any price when this supply is gone. Send your subscription or renewal at once. If too late, I will notify you and return your money.

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

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

A variety in feeding is one way of keeping the flock in good condition.

First class eggs should weigh about $\frac{1}{2}$ pounds to the dozen.

Let the chicks have sweet milk to drink and watch them grow.

A good spray to disinfect coops and brooders is a mixture of $\frac{1}{2}$ pint carbolic acid in 2 gallons of water.

Fresh poultry manure is said to have about twice the fertilizing value of cattle manure, pound for pound.

Don't be tempted to sell your best birds unless you have some better ones in view to take their places.

Lack of moisture in the incubator is one of the common causes of chicks failing to break out of the shell.

Nothing worse than damp brooder floor to start chick ills. Cover them with a little dry earth or old carpet.

Slaked lime mixed with water enough to make a dough, with some salt added, is relished by fowls.—Mrs. J. F. Ramsey, Fort Scott, Kan.

Of all the reputed home remedies for limberneck melted lard is perhaps the only one that can really be depended on. Give it to the sick birds with a teaspoon.

Some Poultry Conditioners.

Mr. Editor—I find hyposulphite of soda to be a good tonic to keep chickens healthy. Put it in the drinking water now and then, about a tablespoonful to a quart of water. For bad colds or roup I find coal oil and lard rubbed on their heads, combs, and wattles to be good. Roup in chickens is the same as a cold or sore throat in humans. Quinine in small quantities is also good for colds. If houses would be kept clean and free from drafts there would be little disease, especially roup or colds.

Lucy A. Blair.

R. I, Whiting, Kan.

Experiences With Roup.

[Prize Letter.]

Mr. Editor—Roup broke out among my chickens last spring and gave me trouble all summer. I had quite an experience with it, tried seven or eight remedies faithfully and reached this conclusion: If you can't cure roup in a chicken the first three or four days after you observe the first symptoms the hatchet is the quickest and surest remedy. You will save time, expense, and fowls by it. Of the medical remedies recommended I think creolin is the best. I used a medicine dropper to put it in their nostrils and swabbed their throats with it.

Temple, Okla. J. R. Brooks.

When Hens Do the Hatching.

[Prize Letter.]

Mr. Editor—I took a row of 10 nests out of my hen house and placed them on a well drained spot of ground where they were covered with several short lengths of wide boards. These boards were wide enough to extend 3 inches on either side of a nest and long enough to cover just two nests. Had I been a carpenter I should have preferred a long board for a roof and a little door at the back of each nest fastened with strap hinges. In front of the row of nests I made a yard by setting up wide boards, then divided this yard into lanes or runways, one to each nest. Wire netting was placed over the top.

At the end of each runway a dust bath is provided. Grit is scattered in the runs and fresh water is given the hens in tomato cans that are hung up on the boards,

on nails. The hens are dusted with insect powder once a week. A board may be placed in front of the nests while the hatch is coming off to prevent the hens from leaving the nest with a few chicks. The runway is a handy place to keep the brood the first few days. And thus you have a self-regulating incubator that requires a minimum of attention and which does not keep you watching the thermometer when you want to go visiting.

Clifton, Kan.

Chick Feed Close at Home.

Mr. Editor—The eggs tested out from the incubator hatch and saved make the best chick food one can get. Boil these eggs hard and for each 100 chicks put six eggs in a pan and cover with bran. Mash the eggs, shells and all, in the bran, and if the mass is sticky put in more bran. This makes a good feed in the morning, cracked wheat is good for the noon feed and corn bread for supper. It is well to feed a little poultry food about every other day, but otherwise these feeds we have on hand are just as good as the high-priced prepared chick foods.

Louis G. Rickert.

St. Thomas, Mo.

Limberneck Cured Over Night.

Mr. Editor—One morning recently I found one of my purebred Buff Orpington hens on the ground and unable to hold up her head. I had never had experience with limberneck, but on what I had read I knew that was the trouble. I gave her $1\frac{1}{2}$ teaspoonsful of castor oil and made a strong ointment of lard and gum camphor, which I freely rubbed into her neck the full length. I also gave her about a fourth of a teaspoonful internally. At night this hen was still too sick to eat, but the next morning was eating with the rest of the flock and now is as well as ever.

Mrs. E. G. Howes.

Lyons, Kan.

Some Hatching Observations.

[Prize Letter.]

Mr. Editor—One usually advised to save only well formed eggs with perfect shells for incubation. I have made some experiments along this line and find that eggs with rough shells and even of imperfect form test as high in fertility, hatch as well, and produce as well formed chicks as those with perfect shells. I have not found that chicks hatched from imperfect shaped eggs produce cripples but I believe that crippled chicks are caused by chilling at hatching time. Very often some of the last few chicks in the incubator are cripples and I believe this is due to opening the machine too much while the hatch is coming off. The only cripples I ever had with hen-hatched chicks were in a brood that came out in early spring in cold weather.

I do not advocate hatching under or over-sized eggs as the small eggs will produce small chicks and the large eggs are apt to be double yolked. The only difference I have noticed between chicks hatched from pullets' eggs and those from hens is that the former are some-

what smaller and do not get so good a start nor mature as early as the chicks from hens' eggs. However they eventually grow just as large. A hen that habitually lays small eggs is undersized or immature for her breed and her eggs are undesirable for hatching.

Mrs. J. L. Lafferty.

Fredonia, Kan.

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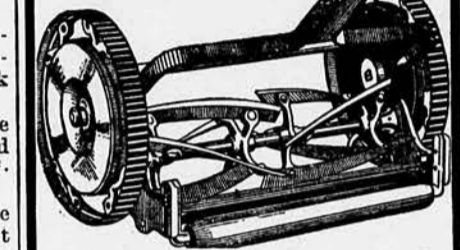
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Last year when I first made my guarantee offer, manufacturers did not believe an incubator could be built to justify my guarantee. I knew better. If you have any doubt, I will prove it by sending my Fairfield on trial. When it arrives try it. test it, make 2 hatches; if it fails to make good for you, get your money back. No other manufacturer will make you such a liberal, fair and square offer. That means there is no incubator on the market like my Fairfield.

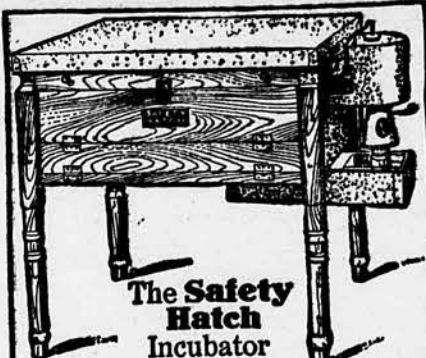
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That means the Fairfield makes chicken profit certain, and as I make my guarantee in writing, you take no chances. You don't invest your money on an experiment, but you get the best looking, easiest operating, best hatching incubator in the world.

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Sam Thompson, Pres., Nebraska Incubator Co., 56 Main St., Fairfield, Nebraska



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Mandy Lee The incubator that is making chick hatching a science. "Open front poultry house" plan of ventilation—opening of the eggs. Heat, moisture and ventilation regulated and apporportioned automatically. Send for latest book. Write us for mating list and prices on S. C. White Leghorn stock and eggs from the Mandy Lee farm. GEO. H. LEE CO., 1165 Harney St., Omaha, Neb.

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The How of Incubator "Luck"

BY W. E. VAPLON, Colorado Agricultural College.

Mr. Editor—If the machine is tight, and all there, brush it up, clean it out; and if it did not do good work last season, change the location and have the thermometer tested, or buy a tested one. The thermometer is the cause of much trouble; so be sure it is accurate. Perhaps you don't know what good work is and expect too much; a chick from two eggs is good enough. Changing from the cellar to a living room, or vice versa, or providing better ventilation in the cellar, often changes luck. Ventilation in the machine is of as much or more importance than moisture; so ventilate without sending a current of air over or through the machine. A constant current of air over or through the machine means much evaporation of the egg moisture; so prevent this as much as possible. After the first week or so, eggs can stand a great deal of cooling off, but cooling by chilling in a cold room is a bad thing. If the room is cold, better cover the eggs with a soft cloth, or several thicknesses if necessary. Cool slowly. Changing incubators every time we read of a better one is poor business and means more dissatisfaction. On the other hand, one machine may suit your location, condition or personality better than some other, but if you have tried two or three, and cannot manage any one of them, better give it up and go back to the old hen; she is the only incubator that is self-regulating. Fort Collins, Colo.

Orpingtons Lead Egg Contest In the national egg-laying contest, in progress at Mountain Grove, Mo., a pen of Buff Orpingtons owned by Miss C. S. Fellows, of Springfield, Mo., made the best record for February. This pen of five hens also won first place for January. The pen's record for February was 167 eggs against 98 for the nearest competitor, a pen of R. I. Reds from Illinois. There are 655 hens in the contest and these laid all told, 6,447 eggs during the month of February. The best single day's record was 317 eggs. The contest started November 1, 1911, and will close November 1, 1912. It is being conducted by the Missouri poultry experiment station of which T. E. Quisenberry is director. There are pens from 28 different states and 39 different varieties of chickens are represented. Three pens come from Canada and there are others from California, Oregon, Florida and Massachusetts.

Plan of a Home Built Brooder. [Prize Letter.] Mr. Editor—Make a box about 5 feet long, 3 feet wide and 1 foot deep, with a lid fastened by hinges. Nail a cleat at each end, about an inch from the top, on which to rest a frame from which strips of muslin are suspended. Line all the inside of the box with newspapers and tack tar paper over the whole, including the top of the cover. Put an inch of dry earth in the bottom and you are ready for brooding 40 or 50 chicks. Cover the grain food with the earth to make the chicks scratch for it. Place the coop on the south side of a building and on very cold days put in a jug of water. Never close the lid down tight or you will have a lot of smothered chicks. On cold days leave the lid up about an inch but on warm days throw it back and let in the sun. The coop will need cleaning often. This is fine for fall hatched chicks as well as early spring hatches. I have never used a hen while I had a coop of this kind. Mrs. R. C. Moore. R. 1, Abbyville, Kan.

An Idea in Feed Troughs. [Prize Letter.] Mr. Editor—For the first 36 hours after hatching, chicks do not require food. One of the best foods for the first few days is stale bread, crumbled and moistened in milk. Put it where they can have free access to it, and watch them grow. A good way to keep the chicks' food clean is to make a trough of a 1/2-inch board and strip of tin about 3 inches wide. Nail the tin lengthwise to the edge of the board so as to have it project equally on both sides. Then bend both edges up to form a shallow

trough on each side, and set and nail it on two blocks about 2 inches high. The chicks cannot find a footing on this and the food will be kept clean until consumed. Mrs. R. L. Taylor. R. 7, Chandler, Okla.

A Lantern to Furnish Heat. [Prize Letter.]

Mr. Editor—The mother of my incubator chicks is a dollar lantern hanging in the top of a tar-paper-covered coop, which is 3 by 5 feet in size and 2 1/2 feet high. It is set flat on the ground with a little earth banked about it to prevent drafts. One side of the roof is removable and a wire door takes its place on warm days. When the chicks are small I keep them in two boxes in this coop and cover with an old blanket. This coop could have removable hovers made of light lumber with old woolen goods tacked on. The coop should face south. I lost a good many chicks before trying this plan, but this has worked well for me and I want to pass it on. Mrs. Harry L. Hoisington. Wakeeney, Kan.

Raise Poultry for What Is in It.

Mr. Editor—Too often the farmer looks upon poultry keeping as merely a side issue and something to turn over entirely to the women folks. But this man cannot hide the pleased smile when he sees his neatly dressed wife or daughter going to market with the weekly supply of fresh eggs and returning with the necessities they have bought. Interest the young people in poultry not only by showing them that you are interested and that you appreciate their help, but give them a share in the profits. From my 100 laying hens I cleared \$507.19 in one year. I gathered 11,931 eggs and besides the eggs marketed I sold purebred birds. I advocate poultry raising for the remuneration there is in it. Martha Cook. Eddyville, Neb.

Kansas takes care of both her people and her hogs, with perhaps a little more emphasis on her hogs!—Dr. Crum-bine.

Farmers Mail and Breeze As a Poultry Advertising Medium.

This is true about it, that it is the leader in its class, or in other words it carries more poultry advertising, and gives better results to poultry advertisers, than any other farm paper. It carries the advertising because it gives the results. The fact that its circulation is mostly in Kansas, the best territory in the country for the sale of poultry, eggs for hatching and incubators, doubtless accounts for its superiority as a poultry advertising medium, for this paper covers Kansas more thoroughly than any other farm paper covers a single state.

RECENT UNSOLICITED LETTERS FROM POULTRY ADVERTISERS.

The ad has done the work for me. Sold everything I had for sale and have today returned \$37.00 in checks, because all stock is sold.—J. A. Wells, Erie, Kan., Dec. 22, 1911. If one has White Holland turkeys to sell and will price them right, he must not insert his ad in Farmers Mail and Breeze until he has coops made for every bird he intends to sell, because one man cannot make coops fast enough to ship all the birds the same day orders are received.—J. R. Cox, Plainville, Kan., Dec. 1, 1911. I never got such a batch of inquiries and orders in so short a time as I got this fall.—Chas. J. Cook, Marysville, Kan., Dec. 15, 1911. I advertised in eight different papers last spring and summer and I really believe that Farmers Mail and Breeze brought me as many customers as the other seven combined. It is truly a great advertising medium. At no time from February 20 to June 1, could I begin to fill all orders received. It was a rush all season with me.—Mrs. Clyde H. Myers, Fredonia, Kan., November 15, 1911. During my eight years with S. C. R. I. Reds I find I have had better results from your paper, so will cling to the old reliable Farmers Mail and Breeze, as it always brings results.—Belle Tyler, Haven, Kan., Nov. 16, 1911. I have carried a small ad for a number of years with you and have derived more benefit from it than from all other papers combined. Farmers Mail and Breeze is good enough for me.—Walter B. Meeker, Erie, Kan., Oct. 30, 1911. Circulation 104,000 Each Issue Guaranteed. Write for low, special, poultry rate to Farmers Mail and Breeze, Topeka Kansas.

Reliable Poultry Breeders

LANGSHANS. BLACK LANGSHANS—Eggs \$2.00 per setting. A. L. Duskin, Belleville, Kan. WHITE LANGSHANS—Eggs at \$1.00 per 15. Wm. Wischmeier, Mayetta, Kan. BLACK LANGSHANS—Eggs from pens scored cockerels \$1.50-\$2.00; range \$1.00. John Bolte, Axtell, Kan. EXTRA BIG BONED, greenish glossy Black Langshan, black eyes, score 91 to 95; circular. Osterfoss, Hedrick, Iowa. KLUSMIRE'S IDEAL Black Langshans. Best quality; winners wherever shown; eggs for hatching. Write for mating list. Geo. Klusmire, Holton, Kan. HOUDAN AND BLACK LANGSHAN cockerels. Winners at Topeka State show, 1910-1911. Eggs from \$2.00 to \$5.00 per 15. E. D. Hartzell, Rossville, Kan. TENNEHOLM LANGSHANS—The big, black kind. A few choice cockerels at reasonable prices. Write. Eggs \$1.50 per 15. Mrs. E. S. Myers, Chanute, Kan. FOR SALE—Black Langshan cockerels with the bone, body and color you want. Eggs in season. Eight years a breeder. Geo. W. Shearer, Elmhurst Farm, Lawrence, Kan. BUFF AND BLACK LANGSHANS—Black Langshan hens score to 98 1/4, pullets to 96 1/4, ckl. to 96; ck. to 65. Fifty cks. on hand. Price and mating list ready. J. A. Lovette, Mullinville, Kan. BLACK AND WHITE LANGSHAN stock for sale from heavy laying and prize winning strain. Always winners in the biggest shows. Best eggs \$3.00 for 15. H. M. Falmer, Florence, Kan.

TURKEYS.

CHOICE M. B. PULLETS. Mrs. Lloyd Clark, Hazelton, Kan. WHITE HOLLAND turkeys. Toms \$4; hens \$3. Mrs. Rachel Lewis, Timken, Kan. BOURBON RED turkey eggs from large well colored stock, 11 eggs for \$3.00. Mrs. C. B. Palmer, Untontown, Kan. TURKEYS—Bourbon Red, Narragansett, White Holland, Mammoth Bronze. S. Durig & Son, Armstrong's Mills, Ohio. BOURBON RED turkey eggs. 2 yr. old breeding stock. Choice in size, color and markings. \$3.00 per 11. Stover and Myers, Fredonia, Kan.

BANTAMS.

BLACK SPANISH, also Black Tailed Japanese Bantams. Best blood in America. Eggs and baby chicks. (Free circulars). Chestnut & Sons, Centralia, Kan.

ENGLISH RED CAPS.

HOUDANS, Red Caps, Buff Rocks, S. C. White Orpingtons and Black Tailed Japanese Bantams. Eggs for sale after March 1st, 1912. From any of the varieties at \$2.00 per 15. J. J. A. Manser, Burden, Kan.

GEESE.

GEESE EGGS, goslings and fine geese feathers. O. Johnson, Wilsey, Kan. GREAT Chinese geese eggs. Grey with topknot, great layers, beautiful fowls. \$3.00 per setting. J. F. Kircher, Harrisonville, Mo.

A Farmer's Daughter Beats Record Hatching with an "Essex-Model". Our Catalogue tells how. Read it 5 Chapters on Poultry Raising written personally by Robert Essex after Quarter Century's Experience. Tells things few poultrymen know. Helps save and make money. Book is Free. Address Robert Essex Incubator Co. Dept. 217, Buffalo, N. Y.

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Reliable Poultry Breeders

PLYMOUTH ROCKS.

WHITE ROCKS—Eggs, 15 \$1.50, 50 \$3.50. W. H. Beaver, St. John, Kan.

WHITE ROCK cockerels for sale. R. M. Rehm, R. 1. Hutchinson, Kan.

BARRED ROCK eggs, per 15 \$1.00, 100 \$5.00. Mrs. Lon Burton, Lebo, Kan.

EGGS FOR SALE from snow white Rocks, \$1 for 15. Ida Baugh, Kincaid, Kan.

PURE GOLD BUFF ROX—Eggs \$3 and \$1.50. L. Keckler, Pender, Nebraska.

DUFF'S BARRED ROCKS—Thirty eggs five dollars. A. H. Duff, Larned, Kan.

BUFF ROCK eggs, 15 \$2.00. Express prepaid. Ferris and Ferris, Effingham, Kan.

100 BUFF ROCK eggs, \$3.50; 100 chicks \$12. Mrs. M. E. Stevens, Humboldt, Kan.

PURE BRED WHITE ROCK eggs \$1.00 per 15. Mrs. Frank Powell, Buffalo, Kan.

BARRED ROCK eggs, 15 \$1.00; 100 for \$5.00. Mrs. Albert Goheen, Manhattan, Kan.

RINGLET ROCKS—Laying strain. Eggs, dollar per 15. Tracy's, Conway Springs, Kan.

PURE BRED Barped and White Rock eggs, fifteen \$1.25. Henry Hicks, Cambridge, Kan.

50 PREMIUM and utility Barred Rocks; 50 both sexes. Mrs. Chris. Bearman, Ottawa, Kan.

WHITE ROCK eggs, 60 per cent hatch guaranteed. A few cockerels. W. J. Lewis, Lebo, Kan.

MAMMOTH Snow White Rocks. Eggs from choice matings. Charley Vorles, Wathena, Kan.

PURE BRED WHITE ROCKS—Beauties. Eggs for hatching. Mrs. Elmer Lane, Burlington, Kan.

LARGE WHITE ROCKS—Eggs, \$1.25 per fifteen; two dollars per thirty. W. H. Peck, Garnett, Kan.

BARRED PLYMOUTH ROCKS exclusively. Pen and range eggs. Mrs. C. N. Bailey, R. 2, Lyndon, Kan.

BARRED PLYMOUTH ROCKS exclusively. Eggs, 15 60 cts., 100 \$3.00. Mrs. S. E. Shaw, Goff, Kan., R. 3.

BUFF PLYMOUTH ROCK cockerels for sale. Prices \$2.50 each. Mrs. May F. Forbes, R. No. 1, Mound City, Kan.

RINGLET BARRED ROCKS of winning quality. 15 eggs carefully packed \$3.00. Mrs. Earnshaw, Lebo, Kan.

BARRED ROCKS—Cockerels and eggs from high scoring birds. Write for prices. Mrs. H. F. Schmidt, Humboldt, Kan.

BARRED PLYMOUTH ROCKS exclusively. Eggs, 30 \$1.50; 100 \$4.00. Catharine Beigtel, Holton, Kan.

BUFF ROCKS—Extra quality; farm raised. Eggs \$1.50 per 15, \$3.50 per 50. Mrs. M. A. Downen, Fontana, Kan.

THOROUGHbred White Rock hens \$1.00 each. Eggs, 100 \$5.00. Special mating, 15 \$1.50. E. Bideleman, Kinsley, Kan.

WHITE ROCKS exclusively. Bred for eleven years. Eggs \$1.00 per 15, \$5.00 per 100. S. M. Chestnut, Holton, Kan.

BARRED ROCKS—Grand mating. Eggs \$3.00 setting. Special mating \$1.50 or \$7.00 per 100. E. Laney, Wellington, Kan.

PURE BRED Barred Rocks. Eggs \$1.00 per 15, \$4.00 per 100. Safe delivery guaranteed. C. E. Romary, Olivet, Kan.

BARRED PLYMOUTH ROCKS and Rose Comb White Leghorn eggs for sale. Mrs. Aug. Hoyer, Route 2, Canton, Kan.

STEINER'S WHITE ROCKS are models. Birds all sold. Eggs priced reasonably. Write E. H. Steiner, Sabetha, Kan.

BLUE BARRED ROCK and R. C. Red eggs from birds that talk for themselves. Milton Dehl, R. R. No. 1, Lawrence, Kan.

BUFF ROCK eggs from prize winning pens, \$2.00 per 15 eggs; range, \$5.00 per 100 eggs. Mrs. W. A. White, Uniontown, Kan.

BARRED PLYMOUTH ROCKS exclusively. The kind that will please. Eggs \$1.00 per 15, \$5.00 per 100. A. B. Fowler, Brookville, Kan.

BARRED ROCKS—92 premiums. Eggs, 15 \$1.00, 100 \$5.00; special mating, 15 \$5.00. Stock \$2.00 up. W. Opfer, Clay Center, Kan.

EGGS—From my undefeated Buff Rocks, the great winter layers. Fertility guaranteed. Circular free. W. F. Alden, Ellsworth, Kan.

BARRED ROCK eggs, 44 premiums at 7 shows. Pen eggs \$2.00 15; range, 15 \$1.00, 50 \$2.50. Mrs. A. M. Markley, Mound City, Kan.

EGGS FOR HATCHING from pedigreed Barred Rocks, \$1.50 per 15. Express paid. Mating list free. Gus Schoback, Atchison, Kan.

BARRED ROCK eggs, \$1.50 for 15, from prize winning, high priced birds. Eggs guaranteed fertile. E. C. Jewell, De Witt, Neb.

PRIZE WINNING White Rocks—Cockerels for sale; Russell strain; \$3-\$10 each. Eggs, 15 \$2.00. Mrs. E. Brooks, Frankfort, Kan.

BUFF ROCKS—Eggs \$1 per 15, \$5 per 100. Baby chicks 20c. From Delventhal (Johnson strain). Mrs. Jno. Babb, Centralia, Kan.

WHITE ROCKS exclusively; the kind that win; heavy egg strain. Eggs 15 \$1.50, 50 \$3.50, 100 \$6.00. G. M. Kretz, Clifton, Kan., Route 1.

WHITE ROCK POULTRY FARM—High scoring birds; Flishel & Fair strain. Eggs from breeding pens \$1.00 for 15. Mrs. Geo. Calhoun, Sedan, Kan.

Reliable Poultry Breeders

PLYMOUTH ROCKS.

INDIAN RUNNER ducks, Barred Plymouth Rocks, Light Brahmas. Eggs from prize winners. Satisfaction guaranteed. Bert White, Burlingame, Kan.

PURE BRED BARRED ROCKS with yellow legs. Baby chicks 12 cents each. Eggs 15 \$1.25, 30 \$2.00, 100 \$5.00. Mrs. John Yowell, McPherson, Kan.

FOR SALE—Pure bred Buff Rock chickens. Hens from \$1.00 to \$1.50, and cockerels from \$1.50 to \$2.00. Eggs \$1.25 for 15. Mrs. O. L. Thisler, Chapman, Kan.

PRINGLE'S Barred Plymouth Rocks. Have some good cockerels for sale. Prices reasonable. Eggs in season. Stella Pringle, Route 1, Box 76, Wichita, Kan.

BUFF PLYMOUTH ROCK eggs for sale. The kind that will pay you because they pay me. Prices from \$1.00. Write me today. William A. Hess, Humboldt, Kan.

BARRED ROCKS that have been line bred for 13 years; exhibition stock a specialty; must make room; cockerels \$1.00 to \$1.00. G. R. Miller, Bowling Green, Mo.

FOR BEAUTY, utility, exhibition Buff Rocks. Exceptional vigor, color and laying qualities. Eggs from pens \$2.50 per 15. Henry D. Smith, Washington, Kan.

BARRED ROCK eggs \$4.50 per 100, \$2.50 per 50, \$1.00 per 15. The best blood in the world and great winter laying strain. Circular free. O. E. Skinner, Columbus, Kan.

BUFF ROCKS exclusively. Eggs from healthy, vigorous, farm raised stock, \$2 per fifty, \$3.50 per hundred. Pened eggs, \$3 and \$1.50 per setting. Mrs. Homer Davis, Walton, Kan.

BARRED ROCKS—44 premiums, 19 firsts. Topeka, Manhattan, Clay Center. Eggs, 15 \$1.25; 30, \$4.00; 100, \$8.00; 15, \$2.50; 30, \$4.50; 15, \$3.00. Mrs. D. M. Gillespie, Clay Center, Kan.

WHITE PLYMOUTH ROCKS—Eggs from large, strong, farm raised stock; pen No. 1, \$2.00; pen No. 2, \$1.50 per 15. A few good chicks, for sale yet at \$2.00 each. Frank Lott, Danville, Kan.

SINGLE AND ROSE COMB R. I. RED eggs from best laying and richly colored strains in the country, 15 for \$1; \$4 per 100. Single Comb cks. \$1, \$2 each. Col. Warren Russell, Winfield, Kan.

FOR SALE—Barred Plymouth Rock eggs one dollar per setting. Baby chick eleven cents. Indian Runner duck eggs, Blue Ribbon strain, ten cents each. Celeste C. Anderson, Simpson, Kan.

EGGS—Barred Plymouth Rocks, 12 lb. males, 10 lb. females. Free catalog, showing prize winners; real photos. Moderate prices. A. D. Murphy, Essex, Iowa. Vice President State Poultry association.

SHELLEY BROS.' BARRED ROCKS won 70 premiums—34 firsts, specials and sweepstakes—at Kansas' largest shows. Eggs, \$3.00 for 15; \$5.00 for 30; guaranteed. Circular free. Shelley Bros., Elmdale, Kan.

O'GARA'S BARRED ROCKS—At the great Topeka show won more prizes than any other exhibitor excepting Grove Hill. State Club cup for best display. Eggs \$2.00 per 15, \$10.00 per 100. John O'Gara, 210 Washburn Ave., Topeka, Kan.

RHODE ISLAND REDS.

S. C. RED eggs 5 cts. Chicks 15 cts. Mrs. P. D. Spohn, Inman, Kan.

S. C. RHODE ISLAND RED eggs, \$1.00 setting. A. F. Routh, Holton, Kan.

ROSE COMB REDS, Silver L. Wyandottes, \$1.00. Mrs. Ola Elliott, Delphos, Kan.

PURE SINGLE COMB REDS—Eggs, 15 \$1.00, 100 \$5.00. Belle Tyler, Haven, Kan.

ORNDORFF'S Single Comb Reds, 15 eggs \$1, \$1.50 and \$2.00. R. Orndorff, Lyons, Kan.

ROSE COMB REDS—Eggs from winners at State Show. L. Shamleffer, Douglass, Kan.

SINGLE COMB RED eggs. Pens scored by Emery. Mrs. E. B. Holmes, Hennessey, Okla.

SEND for my mating list of prize winning strain of R. C. Reds. V. J. Kirwan, Severance, Kan.

PURE BRED S. C. REDS—15 eggs 75c, 100 \$3.50; baby chicks 10c. J. B. Scott, Gas, Kan.

PURE S. C. REDS—Vigorous, utility stock. Eggs \$1.00 15, \$5.00 100. Mrs. W. L. Maddox, Hazelton, Kan.

ROSE COMB RED eggs sixty cts. per setting; four dollars per hundred. Mrs. Jaa Shoemaker, Narka, Kan.

S. C. RHODE ISLAND eggs from my fancy pens. Write for prices. Clyde C. Whiteley, Wichita, Kan.

R. C. REDS—Eggs from range flock \$4 per 100; choice pen eggs \$2 per 15. Mrs. E. F. Weigle, Winfield, Kan.

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R. C. R. I. RED eggs from winning strain, \$1.50 for 15. Baby chicks 20c each. Wm. Reeble, Emporia, Kan.

SIX YEARS a breeder of the R. C. Red. 85 cents 15 eggs, \$4.00 per hundred. Frank G. Stettinich, Bremen, Kan.

EGGS—S. C. R. I. Reds, fine quality, large bone. Write me. R. R. No. 2. Mrs. Clara Moffitt, Newton, Iowa.

RHODE ISLAND REDS—Both combs. One of the oldest Red breeders in Kan. Ten matings to furnish eggs for hatching. Fertility and safe arrival guaranteed. Prices within reach of all. Illustrated mating list free. H. A. Sibley, Lawrence, Kan.

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BABY CHICKS, from choicest Rose Comb Reds, 12c. Eggs \$4.00 per 100. Howard Duncan, Conway Springs, Kan.

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HIGH CLASS Rose Comb Reds. Eggs for hatching guaranteed. Send for mating list. Fred T. Nye, Leavenworth, Kan.

SINGLE COMB Rhode Island Red cockerels. Eggs \$3.00 per 100. Mrs. Wm. Quail, Topeka, R. No. 2. Ind. 2202 Ring L.

ROSE COMB RHODE ISLAND RED eggs from selected matings. Write for mating list. S. W. Wheeland, Holton, Kan.

RHODE ISLAND REDS—Both combs. Eggs, 15 \$1.00-\$1.50. Baby chicks, 15 cents each. Mrs. Theron Van Scoter, Irving, Kan.

JOHNSON'S VITALITY Single Comb Reds. Prize winners. Eggs \$1.00 and \$2.00 for 15. Fertility guaranteed. V. A. Johnson, Porter, Okla.

FINE R. C. R. I. REDS and Barred Rocks. Laying strain. Eggs \$1.00 for 15, \$4.00 per 100. Mrs. L. L. Holmes, R. No. 2, Piedmont, Kan.

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PRIZE WINNING R. I. Red eggs for hatching. Bean, Tuttle, Tompkins strains. Get express prepaid offer. A. M. Butler, Wichita, Kan.

CHOICE Rose Comb Rhode Island Reds, fine shape splendid color and size, good layers. Eggs for sale. Miss Jessie B. Starr, Vinita, Okla.

THOROUGHbred RED cockerels, pullets, \$1 and \$2; both combs. Eggs from choice mated pens. Free mating list. T. N. Marshall, La Cygne, Kan.

BABY CHICKS—Eggs—Pure bred S. C. Reds, selected stock. Prices reasonable. Indian Runner ducklings 15 cts. Mrs. Geo. Tudor, Osage City, Kan.

STANDARD BRED R. C. REDS exclusively. High scoring birds. Great laying strain. Eggs \$1.50 for fifteen. Mrs. I. L. Lafferty, Fredonia, Kan.

ROSE COMB R. I. REDS—Prize winners at Frankfort, Atchison and Topeka shows. Pened eggs \$2.50, \$3 per 15; range eggs \$1. Hattie Feldhausen, R. 1, Frankfort, Kan.

ROSE COMB R. I. RED eggs from stock selected for large size and good color. The best of winter layers. \$1.00 per 15, \$5.00 per 100. Mrs. A. J. Nicholson, Manhattan, Kan.

FOR SALE—Absolutely the best prize winning Rose Comb Rhode Island Reds. Stock \$3 to \$25 each. Eggs \$1 to \$5 setting. Babies 15 cents. C. R. Colwell, Smith Center, Kan.

ROSE COMB REDS—Large boned; all high scored stock; red to skin; eggs, 15 for \$1.50. Farm range eggs, 15 for 75c; \$4.00 per hundred. Mrs. G. C. Talbot, Route 4, Onaga, Kan.

S. C. RHODE ISLAND RED eggs for hatching; price per setting \$1 for 15; \$2.75 for 50; \$5 for 100; none better; satisfaction guaranteed. W. S. Thomas, Route 1, McQueen, Okla.

GET THE BEST—We have the reddest Rose Comb Reds we ever owned; winners of 50 premiums; eggs \$2.00 and \$3.00 per 15, infertiles replaced. Write O. T. Grimes, Hunter, Okla.

RHODE ISLAND REDS—Both combs. "Winners bred from winners." Grand exhibition matings. Good yard eggs \$4.50 per hundred. Catalog free. Karl Spellman, New Albany, Kan.

EGGS from prize winning Rose Comb Reds. Yards \$1.50 per 15; range, \$1 per 15; \$7 and \$5 per 100. Baby chicks 12c. Satisfaction guaranteed. Mrs. Dan Clinkenbeard, Wetmore, Kan.

DEEP RED R. C. REDS—Pens headed by State Show and other show winners. All scored stock. Eggs cheapest in the West, quality considered. \$1.00 to \$3.00 per 15. Large yard of choice color, shape and size, \$4.50 per 100. Free circular. Stover & Myers, Fredonia, Kan.

ROSE COMB RHODE ISLAND REDS exclusively. Six years line breeding for color, shape, and eggs. First premiums wherever shown, including 1st pen Tri-state, Parsons, 1912. Baby chicks and incubator eggs specialty. Eggs \$1.00, \$2.00 \$3.00 per 15. Walter R. Meeker, Erie, Kan.

LEGHORNS.

S. C. W. LEGHORNS eggs, \$3.00 100. Geo. R. Thomas, Helvey, Neb.

FINE S. C. W. LEGHORN eggs, \$4 100. Geo. Patterson, Melvern, Kan.

SINGLE COMB WHITE LEGHORN eggs. Royal Yeoman, Lawrence, Kan.

S. O. BROWN LEGHORN EGGS, 15 \$1.00, 100 \$4. Mrs. John Story, Cleo, Okla.

PURE Brown Rose Comb Leghorns. Eggs 3 1/2 cents each. Laura A. Hazen, Hollis, Kan.

BROWN LEGHORNS, both combs. Won again. Eggs. Mrs. Ida Standifer, Reading, Kan.

RANGE RAISED laying Leghorns. Baby chicks, eggs, catalog. Alex Spong, Chanute, Kan.

CHOICE ROSE COMB Brown Leghorn eggs, \$5 per 100. Mrs. Edd Kelley, Dunlap, Kan.

SINGLE COMB BUFF LEGHORN eggs \$3.00 per 100. Hillside Poultry Farm, Otego, Kan.

PURE S. C. BROWN LEGHORNS—Eggs, 30 \$1.00, 100 \$3.00. S. Oveson, Osage City, Kan.

Reliable Poultry Breeders

LEGHORNS.

CHOICE BUFF LEGHORN eggs, 75c per 15, \$4.50 per 100. C. E. Wright, Goodrich, Kan.

PURE BUFF LEGHORNS, S. C.—Eggs, 30 \$1.75, 100 \$4. J. A. Reed, Route 2, Lyons, Kan.

SINGLE COMB BROWN LEGHORN eggs \$5 per 100. Mrs. Wm. Barrett, Lebanon, Kan., Route 5.

SINGLE COMB WHITE LEGHORNS exclusively. Early cockerels \$1.00 and \$1.50. R. Harrison, Jewell, Kan.

SINGLE COMB BUFF LEGHORNS—Baby chicks, pen eggs and range eggs. Mrs. John Wood, Solomon, Kan.

S. C. WHITE LEGHORN eggs for hatching. All correspondence promptly answered. L. M. Shives, Iuka, Kan.

BUFF LEGHORNS, silver cup winners, eggs for sale, \$1.50 per 15, \$6.00 100. Mike Klein, Clay Center, Kan.

S. C. BUFF LEGHORNS—Prize winners. Eggs for sale; \$1.00 per 15, \$5.00 100. George J. Dorr, Osage City, Kan.

ROSE COMB BROWN LEGHORN eggs exclusively, 5c each, \$4.00 per hundred. Tillie Wilkins, Miltonvale, Kan.

THOROUGHbred S. C. W. Leghorn eggs, the kind that lays and pays, \$1.00 per 15. J. A. Biunn, Sta. A, Wichita, Kan.

DORR'S prize winning pure Single Comb Brown Leghorns. Eggs \$3.50 per 102; \$2 \$1.25. Chas. Dorr & Sons, Osage City, Kan.

I GUARANTEE safe arrival of eggs from pure Single Comb White Leghorns, 15 \$1.00, 100 \$5.00. C. O. Kelley, Mena, Ark.

SINGLE COMB BROWN LEGHORNS—Bred from best laying strains. Eggs at farmer's prices. J. F. Crandall, Barnes, Kan.

SINGLE COMB BROWN LEGHORNS—Pullets, line only. Cockerels, pullets, eggs. Prices right. Tiff Moore, Osage City, Kan.

SINGLE COMB WHITE LEGHORNS—High scoring. Cockerels, egg bargains. "Old Trusty" incubator agent. Mrs. Albert Ray, Delavan, Kan.

FOR SALE—Prize winning Single Comb White Leghorns. Stock \$3 to \$25 each. Eggs 6 cents. Babies 12 cents. Clara Colwell, Smith Center, Kan.

S. C. BROWN, Buff and White Leghorns, Indian Runner ducks. Special price during April. 50 eggs \$2.00. Riverdale Poultry Farm, Stratton, Neb.

CORRECTLY COLORED S. C. Buff Leghorns and Mammoth Pekin ducks. Layers. Eggs, \$1 per 15, \$4 per 100. A. Hollister, Winfield, Kan., Route 1.

ROSE, S. C. BROWN LEGHORNS—High class and utility stock. Eggs \$1.50 per 15, \$5.00 100. Place your order early. Plainview Poultry Farm, Lebo, Kan.

PURE WYCKOFF STRAIN Single Comb White Leghorns. Stock, eggs and baby chick for sale at honest prices. Big 4 Poultry Farm, Route 2, Inman, Kan.

SINGLE COMB BUFF LEGHORNS—Prize winning stock. Cockerels and hens \$1 and \$2. Eggs \$1, \$2 and \$3. Circular free. Chas. M. Childs, Pittsburg, Kan., Route 3.

S. C. BUFF LEGHORNS—I have 100 selected hens mated with 500 cocks, Farm raised. Eggs \$1.00 per 15, \$3.00 per 50, \$5.00 per 100. O. L. Hamby, Fair Play, Mo.

S. C. W. LEGHORN eggs from my prize winning stock. Won first pen at Topeka December, 1911, on one entry. Write for prices. Otto W. Vesper, 1420 Washington, Topeka, Kan.

SUPERIOR Single Comb White Leghorns. Eggs; chicks. Great layers, prize winners, farm raised, best strains. Prices low. Satisfaction guaranteed. Write Armstrong Bros., Arthur, Mo.

LINE BRED Single Comb White Leghorns. 5 first prizes at great Wichita State Poultry Show this winter. Finest in the West. Write for mating list. R. W. Bradshaw, Ellsworth, Kan.

PURE BRED Single Comb White Leghorns, range raised; bred to lay. We offer such as we will not need for our own use at \$1.00 per setting of 15, \$2.75 per 50. Valleyview Poultry Farm, Paoli, Colo.

S. C. W. LEGHORNS—When all said and done, the greatest, easiest, and cheapest money makers; take care of themselves and pay big for chances given. Farm raised, every bird right; large, snow white birds and eggs a specialty. 22 yrs. a Leghorn breeder. No disease. Eggs, \$1.50 per 15; \$6.00 per 100. Larger orders discounted. Everything guaranteed. Geo. S. Phillips, Tecumseh, Neb.

BRAHMAS.

EGGS from pens of show quality stock. Mrs. F. O'Daniel, Westmoreland, Kan.

LIGHT BRAHMAS—Eggs \$5 hundred, \$1 setting. Mrs. Frank White, Furley, Kan.

NOT TOO LATE to get a good Light Brahma cockerel. Few pullets also. Don't write me for \$1.00 or \$2.00 birds. Eggs \$3 per 15. E. W. Rankin & Son, Topeka, Kan.

FOR SALE—Light Brahma eggs and baby chick, from first and second

HOME DRESSMAKING

These patterns may be had at 10 cents each from the Pattern Department of Farmers Mail and Breeze, Topeka, Kan. When ordering give number and size.



- 4527—Ladies' Shirtwaist, 7 sizes, 32 to 44 bust.
- 5580—Ladies' Long Coat, 4 sizes, 32, 36, 40, 44 bust.
- 5580—Tight-Fitting Corset Cover, 7 sizes, 32 to 44 bust.
- 5591—Two-Piece Skirt, left-side closing, 5 sizes, 22 to 30 waist.
- 5572—Boys' Long Overcoat, sizes 6, 8, 10, 12 yrs.
- 5569—Child's Dress, sizes 6, 8, 10, 12 yrs.
- 4420—Kitchen Apron, sizes 32, 36, 40, 44 bust.
- 5442—Ladies' 26-Inch Length Coat, 6 sizes, 32 to 42 bust.
- 1025—Misses' Drawers, 5 sizes, 13 to 17 yrs.
- 5575—Five-Gore Habit Back Skirt, 5 sizes, 22 to 30 waist.
- 5582—One-Piece Dress, buttoned at sides and with separate guimpes, sizes 2, 4, 6, 8 yrs.
- 5588—Empire Dress, 6 sizes, 32 to 42 bust.
- 5270—Ladies' One-Piece Over-Blouse, 6 sizes, 32 to 42 bust.
- 5092—Three-Piece Skirt, 6 sizes, 22 to 32 waist.
- 1543—Boys' Russian Suit, sizes 2, 4, 6 yrs.

Keeping the Baby Well

BY MOTHER OF TWO.

Vaseline is an excellent ointment for the baby's skin when it becomes chafed.

When a child has a cold use a level teaspoonful of salt to a pint of luke-warm water, and with a cloth squeeze a little into the nostrils. If done before putting the child to sleep it will insure much better sleep.

Be sure to give baby a drink frequently, especially when he is cutting teeth or has a cold.

A baby should not be given playthings that cannot be washed. The toys should be kept clean, for they often go to baby's mouth.

For children under 1 year old, or until the worst teething is over, use a flannel band that comes well up under the arms. Make straps over the shoulders and a tab to pin down to diaper. It will protect the stomach from cold and may often save colds and indigestion.

Homemade yarn booties are warmer, cheaper and more comfortable for a baby until a year old, or able to walk.

Wash baby's mouth often. He will feel better and it may ward off an attack of thrush or sore throat.

When baby seems tired and yet doesn't want to go to sleep take him into a different room from the one he is in most of the time. He will often be quiet for some time, just looking at new things. Babies get just as tired of one view as grownups do.

Save the empty spoons. Baby enjoys playing with them, and older children can amuse themselves with a box of spoons too.

Keep a good sized box in the living room for baby to play in. When you are out of sight of him you can know he is safe from accident if he is in a box.

A young child will learn to feed himself much easier and will not spill nearly as much food if he is provided with a curve-handled baby spoon.

To keep baby's toys where he can reach them tie them to strong strings and suspend them from the ceiling near where he sits at play. Then mother need not stop her work to pick them up as often as he cares to toss them aside.

Pure vaseline is excellent for colds and coughs when one has no cough sirup.

Be sure the child who has a cold has good bowel action. It is necessary to eliminate the mucous swallowel. Give plenty of castor oil and injections if needed. An injection is also excellent to reduce fever.

A good application for colds is prepared by slicing 3 or 4 medium sized onions into a cupful of lard. Add 1 tablespoonful of turpentine, a pinch of quinine and a lump of camphor gum. Cook until onions are brown. Drain off the oil and use as any other application, on throat and chest.

Beginning a Bank Account.

The originator of this plan was a young married man. He and his wife were wage earners. At first I was not much interested, but after hearing the result it occurred to me he had given us something worth while. This is the plan: Write 50 numbers ranging from 1 to 50, and every day lay aside an amount corresponding to one of the numbers, whether 1 cent or 50 it does not matter, whatever amount can best be spared after the pressing needs of the day are supplied. Check off the amount banked; keep on for 50 days. What is the result? Twelve dollars and seventy-five cents. Afterward I saw a record card of this plan hanging on the wall in the home of this young couple. I saw them stand before it when the day's work was done and note how this number and that had been crossed, and heard the amount already saved. This plan would be mere play to one of unlimited means; it is not meant for him. But for strugglers who see many uses for every dollar earned and who cannot on any day spare more than 50 cents, it means a little maneuvering, a little economizing, and the beginning of a bank account. Try it, you wage earners who think you cannot save.

Mrs. M. Flynn.

R. G. Girard, Kan.



The Famous Rayo Lamp

The best part of the day is the evening, when the whole family is gathered together around the lamp.

The old days of the smoky fireplaces and flickering candle are gone forever. In their place have come the convenient oil stove and the indispensable Rayo Lamp.

There are to-day, in the United States alone, more than 3,000,000 of these Rayo lamps, giving their clear, white light to more than 3,000,000 homes.

Other lamps cost more, but you cannot get a better light than the low-priced Rayo gives. It has become so popular we may almost call it "the official lamp of the American family."

The Rayo is made of solid brass, with handsome nickel finish—an ornament anywhere.

Ask your dealer for a Rayo lamp; or write for descriptive circular to any agency of the

72 W. Adams St. Standard Oil Company Chicago



THE DANDY WASHER

A machine that lightens work, makes the clothes snowy white; easy to operate, and it is very easy to handle—a woman can pick it up and carry it anywhere. We sell direct to the user at a very low price.

It is speedy, and does not rub the clothes—it simply drives the water through them. Write for our descriptive illustrated literature and price mailed free upon request.

DANDY MFG. CO., Inc., :-: PLEASANTON, KANS.

The KANSAS WESLEYAN BUSINESS COLLEGE

THE EFFICIENT SCHOOL FOR BANKS AND RAILROADS

Furnishes more Bankers, Civil Service Help, Commercial Teachers, R. R. Stenographers and Telegraphers, than any other school. U. P. contracts to take all our male operators, and allow salary while learning. We guarantee position for complete course or refund tuition. Twenty instructors, eighteen rooms, one thousand students. TERMS REASONABLE. NEW FEATURES—Farm Accounting, McCaskey Register, Wireless Telegraphy. Write for Catalog and Free Tuition Prize Offer. No agents out to get you to sign up.

Address, T. W. ROACH, Pres., 200 S. Santa Fe, Salina, Kansas



17 Jeweled Watch

Never before has a genuine 17 ruby jeweled watch been offered at this price. Retailers charge \$15 to \$20 for them and they are worth it. Stamped and guaranteed 17 jewels, metal damascened, patent automatic movement and extra points and improvements found only on watches of the very highest grade. Fitted in solid one-piece steel proof case, both case and movement absolutely guaranteed for 20 years. We also furnish this watch in 50 year guarantee SOLID GOLD FILLED case for \$6.95. To advertise our business, make our first sale and introduce our great watches of Eight jewels, we will send this watch to any address by registered mail prepaid for ONLY \$6.95 or in 30 days any address by registered mail prepaid for ONLY \$6.95 and watch will be sent to you by return mail postpaid. Satisfaction guaranteed or money refunded. Send \$5.00 or \$6.00 today. Address R. E. CHALMERS & CO., 638 So. Dearborn St., CHICAGO.

WE WILL GIVE

This GOLD PLATED LOCKET, opens to hold two pictures, set with a sparkling similitude DIAMOND, and a beautiful 22-inch NECK CHAIN and these 4 GOLD PLATED RINGS to anyone that will sell only 12 pieces of Jewelry at 10c. each and send us the \$1.20. We'll use you, and take back all not sold. Address T. M. DALE MFG. CO., PROVIDENCE, R. I.

6 BIGGEST, BEST and MOST BEAUTIFUL Chrysanthemums F-R-E-E!

A big garden of the always popular "Mums" may now be yours—and absolutely without cost! The beautiful Chrysanthemum collection described below is made up of First Prize Winners and is grown for us by one of the most famous firms of florists in America.

The beauty of this flower of the Orient is well known. Few people realize, however, how easily they can be grown. The Chrysanthemums described are among the best and most valuable varieties; they are healthy growers, early and abundant bloomers and bear flowers of the largest size and most beautiful shades of color. Here is a brief description of the six varieties included in our great free offer:

- POLLY ROSE**—Produces extra sized flowers of purest white; fine deep form, foliage evenly distributed.
- PACIFIC SUPREME**—A new globular, incurved variety. A delicate pink and very early flowering.
- BLACK HAWK**—The darkest red yet raised, velvety crimson-maroon. Outer petals reflexed, center erect, making a very large flower.
- GOLDEN GLOW**—The finest of its color ever offered. A fine canary-yellow of a soft texture, with broad petals.
- LAVENDER QUEEN**—Very solid Japanese incurved; large in size, fine lavender, height 3½ feet; blooms about October 15. An exceptionally fine variety.
- SUNBURST**—Undoubtedly the grandest golden-yellow variety ever introduced; the marvel of the period. Nothing can exceed the richness of its color. Remarkably vigorous grower; carries its great globular flowers erect, giving it a bold, majestic appearance.

MY OFFER:

My purpose in offering to send you these six beautiful plants, absolutely free and prepaid, is to further introduce my already well-known publication.

If you are already a paid-in-advance subscriber you may accept my offer and time will be extended. If your time has run out, renew on this liberal offer. Show this offer to your flower-loving friends so that they, too, may have one of these beautiful collections. If not a subscriber, send your subscription and get the best paper of its kind published, and share also in this big offer.

Send me just 50c to pay for a new, renewal or extension subscription to my paper for six months and I will send to your address, at proper time for planting, the six beautiful varieties named above, free and prepaid. This offer is made for a short time only. Send your 50c at once. Address,

MAIL & BREEZE, Dept. 6-M, TOPEKA, KANSAS

All the Most Beautiful Forms—Incurved, Recurved, Globular and Whorled

consign two carloads, and Mr. Searle will have in the sale about 30 head of females, nearly all of milking age, making this a sale of almost 100 head and containing the best ages, breeding, etc., that it is possible to get. There will be a number of choice, young, serviceable bulls offered for those who need a herd header. All cattle will be tuberculin tested. Write early for catalog to F. J. Searle, Oskaloosa, Kan., and mention Farmers Mail and Breeze.

Last Call—Hereford Breeders' Sale.
This is the last issue in which we will have an opportunity to call the attention of

POLAND CHINAS.

FOR SALE—Poland China herd boar Timber Creek Prince 61371, two years old. **SMITH BROS., CLEBURNE, KANSAS.**

Poland China Queens at a Sacrifice.
Herd sows and gilts bred to Giant Monarch, the 800 lb. yearling, for Mar. and Apr. farrow. Monarch is for sale. **W. C. MILLIGAN, CLAY CENTER, KAN.**

POLAND CHINA BOARS FOR SALE.
3 yearlings, by Expansive 34723; dam, Expansion Lady 2d 130099, by Grand Look 38305. Hogs healthy. No cholera. **W. A. SHUGHART, MONROVIA, KANSAS.**

ELKMORE FARM'S POLAND CHINAS.
The best of breeding stock, of various fashionable Poland China blood lines. Both sexes. Write your wants. Our herd is large. We can please you. Address **CHAS. JOHNSON, HOWARD, KANSAS.**

Poland Chinas Select Young Boars. Gilts Bred or Open. Prices Right. Call or Address **H. L. BROOKS, LARNED, KANSAS.**

Mt. Tabor Herd Polands
20 big, growthy gilts, of last spring farrow, bred to farrow in March and April, for sale. Some for May farrow. Prices right. 35 last fall pigs singly or in pairs. Not related. Address **J. D. WILLFOUNG, ZEANDALE, KANSAS.**

CHOICE SUMMER BOARS
large enough for service; also fall pigs. **PAIRS AND TRIOS NOT AKIN**
Sired by M. M. s. Corrector, Ironquill, Kansas Victor, Elephantdonk and Jumbo. **JOE SCHNEIDER, NORTONVILLE, KAN.**

FLEMING'S POLAND CHINAS
King Darkness 2nd at head of herd, either sex, high class breeding stock shipped on order. Description guaranteed, write or call on **J. A. Fleming, Garfield, Kan.**

Jones' Big Type, big litters, big quality Poland Chinas. Booking orders for gilts bred to 1000 pound boars. 600 to 900 pound dams. Send for catalog. **A. D. JONES, Dunlap, Iowa.**

Welch's Big Type Polands Large, growthy, good boned, stretchy young boars and gilts. A great bargain, also, in our herd boar by Progression. Write for particulars. **L. H. WELCH, GARFIELD, 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.**

FOR SALE Poland China Pigs of fall farrow, either sex. S. C. Black Minorea eggs for setting, from \$1.50 to \$2.00 per setting. India Runner Duck eggs \$1.00 per setting. **W. F. FULTON, WATERVILLE, KANSAS.**

Longview Polands

Herd Headed by **VICTOR CHIEF, YOUNG MASTIFF, LONGVIEW KING.**

Breeding stock for sale at all times. Just now I am offering an extra choice lot of gilts, bred for spring farrow. Write or come and see me. **D. M. GREGG, HARRISONVILLE, MO.**

Dean's Mastodon Polands

Poland China hogs, the big-boned type, will weigh when mature, 800 to 1,000 lbs. Bred sows all sold. Will sell a few boars of serviceable age, also choice fall pigs, either sex. All

Immunized by Double Treatment

Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Everything guaranteed and sold worth the money. Address **CLARENCE DEAN, WESTON, MISSOURI**

Green Lawn Herd B. B. P. C.

Do You Want a Show Prospect?
My Poland Chinas are sired by A Wonder, Major B. Hadley, Big Spot, Quality King, Long King, John Long, Orphan Chief, Longfellow Jr., out of sows by Blain's Wonder, Expansion John, Grand Tec, Big Ex., Big Bob, King Blain, Giant King, Blain's Last Hadley, Matchless Perfection, etc. My pigs will be sold at private treaty. **A. J. BART & SONS, Adrian, Mo.**

Poland Chinas

Bred sows at private sale. Also fall and spring boars. Sows bred to Tom Lipton, Welcomer, Iron Clad 2d and others. Priced right. Ask for prices and descriptions. **JOSEPH M. BAIER, ELMO, KANSAS.**

Mammoth Poland Chinas

My herd boars weigh from 800 to 1,000 lbs. Am now ready to ship 200 of the big, easy feeding, quick maturing kind. Tried boars and sows, last fall boars and sows, and spring pigs of both sexes. My terms are: If you are not satisfied return the hog, and I return your money. **F. P. ROBINSON, MARYVILLE, MISSOURI**

our readers to the big two days' Hereford sale to be held at Kansas City March 26 and 27. It is the climax sale of the season and should attract buyers from all over the country. The offering comprises 115 head, 75 splendid bulls, 25 of which are polled; 45 cows and helpers, a large per cent of which will have calves at foot sale day, 10 of which will have polled calves at side. There will be 12 cows safe in calf to the best polled bulls and six double standard polled helpers will be sold. It is the greatest collection of high quality polled Herefords ever offered in one sale. The offering throughout is of the highest class and the contributors are among the leaders of this breed in the United States. Write now for a catalog to R. T. Thornton, manager, 1313 East 15th St., and kindly mention this paper.

The Andrews-Caldwell Angus Sale.

One of the most attractive Angus sales to be held this season is the offering of 44 head, contributed jointly from the herds of W. W. Andrews, Maryville, Mo., and C. D. & E. F. Caldwell, Burlington Jct., Mo. It is an offering of 33 females and 11 bulls of such quality and breeding seldom found. Choice specimens of the Blackbirds, Queen Mothers, Trojan Ericas, Key Prides, Pride of Aberdeens, etc., are to be sold. Every animal is a good one and the bulls are of such quality to recommend them to buyers of the best. An unusually high class lot of herd bull material will be sold and the cows are bred to bulls of the highest merit. We urge all in the market for choice breeding stock to attend this sale. The catalogs are ready and will be mailed upon application, by mentioning this paper, to either contributor. The sale will be held in Maryville, Mo., in heated sale barn.

Sales at the Cook Farms.

General Jose Miquel Gomez, president of the republic of Cuba, has just bought the 3-year-old stallion Alcan 4286 from the Cook Farms at Lexington, Ky., and six walk-trot mares. The Cuban commission who bought a number of jacks, stallions and Jersey cattle from the Cook Farms last September, were so impressed with this great young stallion that negotiations were at once taken up between the president and the Cook Farms and the deal has just been closed. Other sales made during the past few days at the Cook Farms was a half brother to Alca, Boyd Chief 5137, sired by High Order 3172, to W. G. Davis, Cove Creek, N. C.; the 4-year-old stallion Highland Christo 3458 to R. E. Johnson, Sweetman, Miss.; the 4-year-old walking gelding to Fred A. Thomas of Portland, Me.; the 5-year-old saddle and harness mare to O. B. H. Miller of Winchester, Ind.; the 7-year-old walking mare to T. F. Fritzell of Pickins, Miss.; 3-year-old mammoth jack Judge Logan to H. H. Cathy, Candler, N. C.; 2-year-old mammoth jack to G. S. Shinness of Paris, Ind.; High Tide Jr., 3-year-old mammoth jack, to J. M. Bright & Co. of Chucky, Tenn.; Golden Chief, 4-year-old mammoth jack, to Riverside Stock Co., Riverside, N. C. Write the Cook Farms, Lexington, Ky., for prices on horses, jacks or Jerseys.

Big Success for Roan.

The G. C. Roan sale of jacks and jennets scheduled for February 26 and 27 which was postponed to March 14 and 15, was an unqualified success. Taking into consideration that it was a postponed sale and the later dates came at a time when weather conditions were as bad if not worse than the first, the average of \$607.10 on the 19 head sold is a fitting tribute to Mr. Roan, the high class lot of stock he offered and to Mr. Roan as a man. In spite of the severe snow storm, which was probably the heaviest of the season, a good crowd was on hand and they were there for business. Mr. Roan, though one of the youngest of the prominent jack men of the country, has made a reputation for good stock of which anyone might well feel proud. Buyers have come to learn that an offering from the Clover Leaf Valley Jack Farm means an opportunity to buy the best on the market. They were there and they bought. The prices made money for Mr. Roan and at the same time the jacks will make money for their new owners. The top was \$1,470, paid by G. W. Cantwell of Sterling, Kan., for Clover Leaf King 3747, a 4-year-old son of King Taxpayer. This was one of the top jacks of the year and was probably the bargain of the sale at the price. French Carter of Rutledge, Mo., paid the next highest price, \$1,000, for Clover Leaf Burley 3749, an excellent 2-year-old by Burbon Jr. Geo. L. Witcher paid \$925 for Tennessee Mammoth, a good 4-year-old, and R. J. Merryfield of Minneapolis, Kan., paid \$910 for Clover Leaf Giant, a 6-year-old. Col. P. M. Gross, assisted by Col. Hieronymus, Bunnelle, Rodgers, Curry, Snyder, Denison, Coghill, and Byler conducted the sale in excellent shape. Below is a complete list of sales.

- 1—G. W. Cantwell, Sterling, Kan. \$1,470.00
- 2—G. L. Carey, Ashland, Kan. 655.00
- 3—O. A. Bunnell, Knox City, Mo. 285.00
- 4—R. J. Merryfield, Minneapolis, Kan. 910.00
- 5—Irwin Thompson, Williamsville, Mo. 435.00
- 6—H. Clananhan & Son, Renshaw, Ill. 725.00
- 7—F. J. Murray, Sue City, Mo. 785.00
- 8—J. S. Kimble, Glenwood, Mo. 605.00
- 9—Spurgeon Bros., Williamstown, Mo. 280.00
- 10—Jno. Churchill, Sterling, Neb. 395.00
- 11—E. M. Ridgway, Swan, Ia. 925.00
- 12—Geo. L. Witcher, Nelson Mo. 1,000.00
- 13—French Carter, Rutledge, Mo. 345.00
- 14—F. D. Lawson, Kirksville, Mo. 600.00
- 15—Geo. Billings, La Plata, Mo. 600.00
- 16—J. G. Houchins, Jefferson City, Mo. 600.00
- 17—J. G. Houchins 200.00
- 18—J. J. Burns, Brookfield, Mo. 600.00
- 19—G. P. Barnett, Galesburg, Ill. 320.00

The Fraser Shorthorn Sale.

Elsewhere in this issue will be found the announcement of the second annual sale of Lawndale Shorthorns, owned by Mrs. Adelaide B. Fraser. This is a selected draft of 48 head, 47 females and one bull, all tuberculin tested, from a herd that has made an enviable record for producing the right kind, regardless of fads or fancies. Last fall a draft from this herd made one of the best averages of the season. This offering is a great big per cent better than the one sold last fall and is offered at an advantageous time for the buyer. A feature of the offering is the large number of calves which will sell with their mothers and the strength of the herd in its milking qualities. F. H. Glick, manager of the sale, says it is the best lot of cattle ever sold from the

THE MORTONS' Poland China Bred Sow SALE

Tampa, Kan., Thursday, March 28 60 HEAD -- 60 HEAD

SIRED BY
Chief Perf. 2d, On & On, Keep On Meddler, Corrector 2d, Equipment, Master Winn, Star Pointer, Meddler 2d and others.

BRED TO
AUCTIONEER, STAR'S CHIEF, MEJOR UNION

This is the best lot of sows we have ever offered, and includes four of our very best herd sows:

- VANITY**, with two years' successful record in the show ring.
- PANSY**, litter mate to Banker.
- SNOW BALL**, a very large sow by Chief On & On.
- MISS KEEP ON 2D**, by Meddler 2d.

Send for catalog and arrange to attend this sale.

Address—

THE MORTONS TAMPA, KANSAS

LAFE BURGER, Auctioneer. R. F. HOWARD, Fieldman.

Over Thirty Years Breeding POLAND CHINAS

Has enabled us to put out a class of big type Poland China Hogs that meets every practical demand of both the farmer and breeder. The results from the produce of our large herd of over 250 head has each year, in a large proportion, been put back in the business. Each year we are able to offer a better lot. They are the make good kind, the kind that will go out and make good for the buyer. It is on this basis that we solicit your patronage at our sale to be held at

BENDENA, KANSAS THURSDAY, MARCH 28, 1912 SOWS, SPRING AND FALL YEARLINGS

The offering will consist of Tried Sows, Spring and Fall Yearlings and a few last year's Gilts—50 head in all. All sired by boars carrying the best blood lines known to the breed and bred to boars of equal merit. They are bred for April litters with a few to come in early May. It is an offering worthy the patronage of the best breeders and are to be sold at a time advantageous to all. Come and be our guest sale day. The catalogs are now ready and will be sent upon application by mentioning this paper to

Herman Gronninger & Sons BENDENA, KANSAS

C. H. WALKER, Fieldman. JAMES W. SPARKS, Auctioneer.

A WONDER—THE 1200 POUND POLAND CHINA.

I am now ready to book orders for spring pigs, both boar and sow pigs, sired by A Wonder 107353 and out of sows that weigh from 700 to 800 pounds. Also pigs sired by Big Joe 62174, all out of A Wonder dams. Pigs to be shipped at about 3 months old. Will have twelve February litters, balance in March. Get order in early and have pick of the herd.—**H. Fesenmeyer, Clarinda, Iowa.**

SPRING PIGS

I am now booking orders for Spring Pigs, either sex, sired by Captain Hutch, King Hadley 2d, Hutch Jr., Mow's Longfellow Price, Panoramier 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. Nothing but first class stuff shipped. Send for private sale catalog and prices. In buying at this age you save enormous express charges. **"THE HOME OF CAPTAIN HUTCH." C. W. JONES, SOLOMON, KANSAS.**

DUROC-JERSEYS.

DUROC-JERSEY BRED GILTS.
Choice bred gilts, by King Wonder V and Klondike, out of sows by Mo. Wonder, Mc's Pride, Kant Be Beat, King Wonder V and others. They are bred to Klondike and King Wonder V. Priced to sell.
MARSHALL BROS., BURDEN, KANSAS.
Walnut Grove Breeding Farm Pigs sired by B & C's Colonel 80587 and Buddy's Bud 111823. Write for particulars.
E. C. WATSON, ALTOONA, KANSAS.

Sunny Slope Farm Durocs Choice breeding stock from prize winners for sale. Write your wants, satisfaction guaranteed.
EDMONSON BROS., Clinton, Oklahoma

Black Locust Herd Durocs. Fashionable blood lines either sex; young in pairs or trios unrelated.
D. D. Walker, Dill, Okla.

SUNSET DUROCS.

A good buy for you is a "Valley Chief Again" weaning, \$10.00, this month, express paid.
E. B. TILSON, CONCORDIA, KANSAS.

CLOVER DALE DUROCS
A few boars left, March and April farrow, sired by Col's. Inventor and King's Col.; at \$20 and \$25. Bred sows and gilts, \$25 to \$40. Also September pigs, either sex, \$10 to \$15.
L. T. SPELLMAN, R. F. D. 8, Paola, Kansas

Good E. Nuff Again King 35203

one of the best young boars in the field, now heads our herd. Yearling sows and gilts bred to him for sale.
W. W. OTEY & SONS, WINFIELD, KANSAS.
"The Men With the Guarantee."

BARGAINS IN BRED DUROCS

A few choice Gilts of the best breeding for sale at farmers' prices.
BOHNE VIEW FARM, HERRITON, KANS.
Eight miles southeast of Topeka.
SEARLE & COTTLE, Proprietors

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. 28271a, Crimson Prince 69327, Ruby's Chief 104417, King's Col. F. 83835. 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.

Deep Creek Herd of Durocs

Choice fall pigs mostly from dams of prize winning sires. A few bred gilts, and orders booked for Feb. and March pigs. Write for prices.
C. O. Anderson Manhattan Kan.

Perfection Stock Farm Choice Duroc March Boars, \$20 each, sired by Oklahoma King, Gold Wonder, Crimson Model and Muncie Col. Also a few good fall boars. They are priced to sell and to please or money returned.
GEO. M. CLASEN, UNION CITY, OKLA.

Beaver Valley Herd Durocs Gilts sired by Grant Master Col. II (Grand Champion Okla. Fair 1911) and Autocrat (Reserve Champion Okla. Fair 1910). Gilts bred to Grand Master Col. II and Defender Col., by Defender. Spring boars. Satisfaction guaranteed.
W. A. WILLIAMS, MARLOW, OKLAHOMA.

SALINE VALLEY STOCK FARM offers a fine lot of fall boars and gilts sired by Russell 92173, an 800 pound hog, and Wonder's Proud Chief 108485. Write me your wants.
J. LEE DUNN, RUSSELL, KANSAS.

Ticer's Durocs Am offering a Valley B. and B. & C's Col. boars, worth the money; also a few bred sows. Will book orders for spring pigs.
C. L. TICER, HARRAH, OKLAHOMA.

BANCROFT'S DUROCS We hold no public sales. Nothing but the best offered as breeding stock. Spring boars, gilts bred to order or open. Choice Sept. 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, Kans.

HAMPSHIRE.

CLOVERDALE HERD.**Are You Interested in the White Belt?**

I have a few registered Hampshire males ready for service and also a few sows and gilts bred.
T. W. LAVEROCK, PRINCETON, KANSAS.

Special sale on March boars, 175 to 200 lbs. and weaning pigs, ready to go, if taken at once.
J. R. LAWSON, Ravenwood, Missouri.

HAMPSHIRE HOGS. 30 tried sows and gilts bred for Spring Farrow, including my SHOW HERD. Also Boars ready for service and spring pigs not akin.
C.W. Weisenbaum, Altamont, Ks.

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

POLLED DURHAMS.

Polled Durham Bulls

Six well bred young bulls and a limited number of cows and heifers for sale.
O. 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.

herd. They are in good condition, having come through the winter in shape, and with one or two exceptions are all of good age. All females old enough will be bred to either Scotch Goods 340613 or Sill Goods 293713. All calves at foot are by these two bulls and Scotch Goods will be sold in the sale. Scotch Goods is a superior individual and has made his mark as a sire of the right sort. It is the cream of the herd which buyers will have an opportunity of purchasing and taken all the way through is one of the season's most attractive buying propositions. Good cattle are offered at liberal terms and at a time when the expense of keep should be one of the least considerations. Look up the advertisement in this issue and write for a catalog. Address F. H. Glick, Manager, 222 Argyle Bldg., Kansas City, Mo., and kindly mention this paper when writing.

Groninger's High Class Offering.

A feature of the offering of Poland Chinas which Herman Groninger & Sons will sell at their farm near Bendigo, Kan., Thursday, March 28, is the large number of tried sows and yearlings which will be offered. Practically the entire 50 head is made up of spring and fall yearlings. A great many of these have had litters and are tried and proven breeders. The six or seven tried sows are among the pick of the herd. Messrs. Groninger never held a sale that they didn't go into their breeding herd and offer a few of their best producing matrons to buyers. This sale will be no exception. With these tried sows and the large number of yearlings to sell it makes this offering one of the very tops of the season. These breeders did not hold a bred sow sale this winter and this offering is the pick of what they had selected. They are bred for April litters, mostly with a few to come in the first of May. Individually the offering is of the best. As to breeding, the following will give an idea of the up-to-date blood lines which these hogs carry. The offering is sired by Banner Boy, Colossus, Big Hadley's Likeness, Exalter by Expansive, Defensive by Defender, Ross's Hadley by Big Hadley, Gold Metal, Expansive, Guy's Monarch, Union Leader, Kansas Ex. and others of equal reputation. These sows are bred to Big Hadley's Likeness, Exalter, Defensive, Expansion's Grandson by Expansion's Son, Banner Boy, and Big Look by Grand Look. The catalogs are now ready and will be sent upon application, by mentioning this paper, to Messrs. Groninger. Write for one today. Breeders who cannot attend may send bids to C. H. Walker of this paper in care of Mr. Groninger.

Iowa

GRANT GAINES.

Stallions That Are Right.

The horse breeding season is close at hand and if you have not yet bought that stallion you are certain you need, you should do so at once. Imported stallions are for sale almost everywhere, but there are imported stallions and imported stallions and then some. Lang & Company, Greeley, Iowa, handle only imported stallions whose breeding stands the same critical inspection that their individuality does and you can buy them as reasonably as you can buy any other stallions. You will get your money's worth if you deal with Lang & Company, Greeley, Iowa. Write them and go to their barns. If you want a stallion that will make good, make straight for Greeley, Iowa, and see Lang & Company's stallions.

Jones' Big Sale.

The sale of bred sows and gilts held by Mr. O. D. Jones, Dunlap, Iowa, on March 4 was a big success. Much of the offering was bred late and still an average of over \$40 was made on the entire lot. The sale was one of the sweetest of the season and from the time Col. Duncan started his opening sermon to the time the last hog was knocked down, consumed less than 80 minutes. Local buyers and visiting breeders shouted their bids in volumes and the sale was soon over. Mr. Jones breeds the big quality kind of Poland Chinas and is carrying a card in our ad columns. You can always buy a sow or gilt or boar of him at a price worth the money.

There is Yet Time.

If you have not written to E. F. Escher, Manning, Iowa, for prices on his big type Poland Chinas, there is yet plenty of time to do so and get a bred sow or gilt that will suit you every way. Mr. Escher has some of the largest hogs we have seen in Iowa and they are good. He is selling at private sale and eliminating public sale expense. We know of no herd we can recommend stronger and believe any purchase you make of E. F. Escher, Manning, Iowa, will be satisfactory to you. We urge you do not overlook this good opportunity to buy something that will make you money and that you can show to your customers with a degree of pride. Mr. Escher is right in his business dealings. His hogs are the right kind if you want the big type, profitable, quality kind. His prices are consistent. Write him now while there is plenty of time.

Nebraska

G. E. HALL.

Private Percheron Sale.

Watson, Woods Bros. & Kelly Company of Lincoln, Neb., write us as follows: "We have just closed a sale to Brown and Mood of Moscow, Idaho, on the following imported stallions and mares: The black 2-year-old Percheron stallion Jobard, No. 88259; the black 2-year-old Percheron stallion Jaspe, No. 85000; the black 6-year-old Percheron stallion Lutin, No. 43299; the gray 4-year-old Percheron stallion Huelgoat, No. 77049; the black 2-year-old Percheron stallion Joueur, No. 87119; the sorrel 2-year-old Belgian named Jacques de Zuykerkerke, No. 8221; the English Shire stallion Baron Forester II, No. 25892; the 2-year-old English Shire stallion Nalstone Waggoner, No. 28978, this horse having won first and champion at the Kansas State Fair; the 5-year-old Shire mare Cockshott Star, No. 10805; the 6-year-old Shire mare Bounce, No. 10804; the 3-year-old Percheron mare Imperatrice, No. 98880; the 3-year-old Percheron mare Idylle, No. 93344. All these animals are individuals of outstanding merit and their get will certainly tend to improve the class of stock raised in the section of the country to which these stallions are being shipped. Owing to the death of Mr. Joseph Watson we did not receive our usual

Dispersion of Shorthorn Cattle

In the sale pavilion, Glasco, Kan.,

Thursday, March 28, '12

The offering numbers 28 head and will consist of 22 cows and heifers and six bulls. This is a dispersion of one of the splendid young herds of the Solomon Valley and is being dispersed to close a partnership. The cows and heifers have been reserved with no intention of selling until recently. The offering while small is one of unusual merit. The herd bull included in the sale is a three year old straight Scotch bull weighing 2000 pounds and a splendid breeder. He is a nice red and was sired by Scottish Gloster. Catalogues ready March 18. Address,

Young & Kimmerling, Glasco, Kan.

Auctioneers: John Brennen, Will Myers, Will Harper. Fieldman, J. W. Johnson.

Note—J. M. Copeland of Glasco and Lauren Harper will consign five head to this sale.

Announcing—

The sale of a selected offering of 48 head of high-class Shorthorns, all tuberculin tested, from the herd of Mrs. Adelaide B. Fraser. Sale in pavilion at stock yards.

Kansas City, Mo., Thursday, April 11, 1912

The offering is made up of 47 females, the cream of the herd and with a large per cent with calves at foot and the bull, Scotch Goods 340613. Last fall a draft from this herd made one of the best averages of the season. This offering is superior in every way and is offered at an advantageous time for the buyer. The offering merits the patronage of the best breeders who have the improvement of their herds at heart. Watch for further particulars in this paper and send now for a catalogue to

F. H. Glick, Mgr., 222 Argyle Bldg., Kansas City, Mo.

PUBLIC SALE!

I will sell the following stock at Public Auction at my farm, adjoining
Blue Rapids, Kan., Tuesday, March 26th

HOGS—55 head of Registered Duroc-Jerseys, consisting of 52 bred sows and 3 boars. These hogs are of the best blood lines of the breed. They were brought from Northeastern Nebraska last spring, right from the neighborhood where bred sow sales have averaged around \$100 this winter. Conspicuous in the pedigree is Monarch 28395, and there are a number of his granddaughters. Monarch stood the highest of any boar in America the year of the World's Fair at St. Louis, and his dam was a litter sister to Ohio Chief, the greatest boar the breed ever produced. There are also a number of granddaughters of Dreadnought 18229A, which sold at public auction for the highest figure of any hog of any breed—\$7,200. This will afford breeders in this part of Kansas an opportunity to infuse some new and fresh blood into their herds. It is the opportunity of the season to procure the very best strains of Durocs that have been fed right for future results. Besides the above registered Durocs, there will be about 80 head of stock hogs, including 10 Poland China sows, registered and eligible.

STALLION—There will be sold a young stallion bred by M. Callu, France, foaled May 20, 1909, imported last August by McLaughlin Bros. of Columbus, Ohio. He weighs around 1,900 lbs. now, and I think will make a 2,200 lb. horse when matured. He is, I believe, the best young stallion in Kansas today.

E. R. Morgan, Blue Rapids, Kan.

Auctioneers—Col. H. S. Duncan of Clearfield, Iowa, and Col. T. E. Gordon of Waterville, Kan.

Poland China Sale

Alfalfa Glen Stock Farm

Geary, Oklahoma, Tuesday, April 9th

50 Head {40 Bred Sows and Gilts} 50 Head {10 Spring & Fall Boars}

THIS HERD WON AT THE LEADING FAIRS OF 1911. 86 PREMIUMS. COME AND GET SOME OF THIS PRIZE-WINNING BLOOD.

This offering is sired by such boars as the Grand Champion Mischief Prince, the Champion Perfection Meddler, and Spangler's Hadley 2d. The sows and gilts are safe in pig to the Grand Champion, Field Marshall, Junior Champion Dr. Meddler, and Reliance. Included in this offering are 10 or 12 head carrying the most approved large type blood lines. The boars include a few herd header prospects. Some are out of the Grand Champion Sow Meadow Brooks, one is by Mischief Prince, and out of Mischief Maid.

We have them for farmer and breeder as well. All are invited. Catalogs are now ready; you will find it interesting to read. Drop a card for one today, mention Farmers Mail and Breeze. Address

A. B. CAMPBELL, Geary, Okla.

Auctioneers: Col. O. C. Allen, Col. Fred Groff, Col. W. H. Oler.

HEREFORDS.
LOCUST GROVE HEREFORDS.
 Extra good young bulls from 12 to 28 months old (hard header quality), sired by such sires as Polled King 3rd 251120, 96, and Quincy 2d 207075. Come and see them or write
R. F. PLUMMER & SON, Wellington, Kan.

HEREFORDS
 Sixty Bulls. All Ages.

Carl Miller, Belvue, Kan.

HEREFORD BULLS

Carload coming 2-year-old and 75 strong yearlings, the best bunch I ever had to sell. Prices right.

SAML. DRYBREAD, Elk City, Kan.

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.

LINSCOTT JERSEYS
 ONLY REGISTER OF MERIT HERD IN KANSAS, offers at moderate prices a few heifers, open and bred; a few tested cows; bulls of serviceable age out of tested cows.
R. J. LINSCOTT, HOLTON, KANSAS

Holsteins For Sale

40 cows and heifers, fresh inside 30 to 40 days. Several cows, heavy milkers, fresh now. Also bulls from 12 to 15 mos. old.
IRA ROMIG, STA. B., TOPEKA, KAN.

Choice Jersey Bulls

I am offering a few young bulls, sons of Oxford's Masterpiece, a son of Oxford Lad; Oxford's Brigadier, a son of Gamboge Knight; Merry Maiden's Golden Lad, a son of Merry Maiden's 3d Son; and Eurybia's Exile. I have but a few of these calves that are ready for service. Will sell them reasonably while they last. Write for prices and particulars.
W. N. BANKS, INDEPENDENCE, KANSAS.

RED POLLED CATTLE.

Foster's Red Polls A few choice bulls for sale. Also a few cows and heifers priced reasonable.
C. E. Foster R. R. 4, Eldorado, Kan.

RED POLLED BULLS

and heifers by Actor 7781 and Launfal 18221. Cows large, plenty quality, represent best milking families. Also large type **POLAND CHINAS**. Pigs. Write or come.
CHAS. MORRISON & SON, Phillipsburg, Kan.

SHORTHORNS.

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

Johnston's Shorthorns Shorthorn Cattle and Duroc-Jersey hogs all ages and sexes. Also two young jacks for sale.
T. F. JOHNSTON, GARFIELD, KANSAS.

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

Valley View Shorthorn Cattle

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

SCOTCH AND SCOTCH TOPS.

TEN BULLS 10 TO 18 MONTHS OLD. ALSO SOME GOOD COWS AND HEIFERS.
S. B. AMCOATS, CLAY CENTER, KAN.

White's Shorthorns

Come and see some good young bulls. Desirable breeding and quality. Will also sell some heifers and cows. Come see the cattle and get prices.
C. H. WHITE, Burlington, Kansas

Shorthorn Bulls

A few choice bull calves, sired by my noted herd bull Double Champion, by Choice Goods and out of the dam of Ruberta. Farm adjoins town. Address
ED GREEN, HOWARD, KANSAS.

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. Will sell singly or in carload lots. 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, Kansas.

spring importation. However, we wish to state to any prospective purchasers that we have a very fine line of 2 and 3-year-old Percheron, Shire and Belgian stallions on hand at the present time and believe we can satisfy the most critical buyer."

Editorial News Notes.

The Sandwich Mfg. Company, 149 Main St., Sandwich, Ill., starts its hay press advertising for the season of 1912 in this issue of Farmers Mail and Breeze. The Sandwich Motor Press and the Sandwich Horse Power Press are each as good as the best of their kind. Read description on page 9. Write for postal to above address.

Deep Wells a Necessity.
 If the world is to make the sanitary progress in the next decade that is due mankind, care must be given to providing pure water. The health of both man and the domestic animals calls for deep wells to penetrate hundreds of feet into the earth and bring from beneath the solid rock the pure liquid, unadulterated by surface drainage. Such wells are not to be thought a luxury, for only a few. Every farm needs one. The mammoth catalog of the American Well Works, Aurora, Ill., gives much valuable advice on this subject. It is free to those who write for it, and mention the name of this paper. See ad on page 23.

The Beginner Can Succeed With Poultry.

Most of our readers are interested in poultry. With most of them it is a side issue. More farmers than ever before, however, are making it more than a side line. They are finding that there is good money in poultry. The incubator has had a great deal to do with making a real business out of a number of good incubators. One of the very best is made by the X-Ray Incubator Company at Wayne, Neb. It is made on useful, distinctive lines. The X-Ray people make a brooder also that is about as popular and successful as their incubator. Two special features of both the incubator and brooder are the lamp which is placed under the machines, and the fact that you can look from the top right into the egg or chick chamber. The X-Ray Twins are sure winners in the hands of poultry raisers. They go hand in hand with poultry success. But there isn't room to tell all about them here. We recommend, however, that our readers send for the X-Ray free booklet. It is full of practical information about incubation. Ask for X-Ray Book No. 47. Address X-Ray Incubator Co., Wayne, Neb.

An Economical Fruit Tree Spray.

So much depends upon intelligent and systematic spraying, if the greatest possibilities of an orchard are to be realized, that orchardists are giving more and more attention to this important subject every year. It is now claimed by many who have been conducting experiments along these lines that it is just as important to spray fruit trees occasionally throughout the fall and winter, beginning just after the fruit is picked and again after the dead leaves fall, as during the blooming and budding period. In the opinion of many fruit growers the best and cheapest spray mixture is made by making a solution of Merry War Powdered Lye in the proportion of one can of the lye to about 15 gallons of water. This solution has sufficient strength to kill all pernicious insect life without the slightest injury to foliage or buds. When used during the winter months it is unusually effective in preventing and destroying San Jose scale which, as every fruit grower knows, occurs on any portion of a fruit tree forming a crusty, ash-colored coating. This Merry War Powdered Lye solution is equally as good for the killing bugs and insects that infest the foliage of all plant life—shrubbery, vines, etc. It is an effective remedy, which, however, in the strength of solution, here named, cannot do injury to the plant. Nearly every dealer carries Merry War Powdered Lye in stock for 10c per can. See ad on page 8. If you want to know more about it address E. Myers Lye Co., Dept. 10, St. Louis, Mo.

Latest Millinery Styles.

All women are interested in millinery, just the same as men are interested in their head wear. Many women pay from \$10 to \$20 for their hats and bonnets. A man very seldom pays over \$5, while most men's hats are bought for the price of \$3. It has often been marveled at by most people why women should pay so much, and yet obtain as good values. Women are said to be the buyers while their husbands furnish the money. How true this is we are at a loss to say—but we know one thing and that is the housewife is thrifty. She will buy where the best quality can be obtained at the lowest price. If she can keep the milliner's profit in her own home instead of giving it away she will save every time. Buying at wholesale is the only road to the lowest known cost, which is as near to the cost of production as is possible. On pages 2 one of our largest advertisers illustrates some of the season's latest showing in millinery. You no doubt have heard what a great profit there is in this class of goods and you will be surprised at the very low prices at which Jones, Post & Co. of 1430 West 9th, Kansas City, Mo., quote their millinery. They give away free a very interesting catalog, which shows the latest New York and Paris styles. This catalog also contains spring and summer dress goods, ever popular notions; an exceptional showing of laces; smart shoes and oxfords; in fact it illustrates everything that a woman or child could need in wearing apparel. If you will send them a post card they will be glad to forward to you all charges prepaid this beautiful fashion book.

A New Plow Bottom.

No matter what kind of a plow you are using, or what kind you have set your heart on as the best one to buy, it will interest you to read the facts about the new Badger bottom now being used by the Janesville Machine Company of Janesville, Wis. This Badger bottom is so peculiarly designed and is so correct mathematically that the patent offices at Washington allowed every claim of the Janesville Machine Company. So many, many years were devoted to securing better materials for plows, in the meantime forgetting entirely about the importance of design, that the Janesville company are justified in claiming that their Badger bottom is the greatest plow improvement in over 50 years. The moldboard handles the largest variety of soils perfectly, from light sandy loam to heavy gumbo,

GALLOWAYS.

Capital View Herd of Registered Galloways
 For Sale: a fine lot of young bulls in numbers to suit purchaser. For further particulars call on or write G. E. CLARK, 2301 Van Buren St., Topeka, Kan.

Choice Galloway Cattle
 To close out I am offering 50 head of registered cows, heifers and young bulls ready for service. Prices and breeding on request. **J. C. ASHCRAFT, Sedgwick, Kan.**

Registered Galloways

Young stock for sale. Prices reasonable. Five young bulls for sale. Call or write. **J. & W. R. Clelland, New Hampton, Mo.**

ABERDEEN-ANGUS.

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.

JACKS AND JENNETS.

6-JACKS-6 From 3 to 7 years old, for sale very low. We raise them.
W. H. BAYLESS, Blue Mound, Linn Co., Kansas.

JACKS AND SADDLE STALLIONS

100 registered Kentucky Mammoth jacks and saddle stallions. A big lot of Jennets, saddle mares and geldings. A few good trotting stallions. Also big black pig, Tamworth and Hampshire swine. Cook pays the freight on jacks.
J. F. COOK & CO., Lexington, - Kentucky

Jacks and Percherons.

If you are in the market for an Extra Good Black Registered Jack, Good enough to head a herd of Jennets, or a load of good ones, I have them. Also some Percherons.
Catalogue Jan. 1st. C. M. SCOTT, REA, MO.

Biggest Jack Offering Ever Made

90 Day sale on 55 head of extra big registered Mammoth Jacks at 60 per cent of their value, priced from \$250 to \$1250 each. I am importing 200 Percheron and Belgian mares and 80 stallions and must close out a lot of Jacks to get money and make room for catalogues, photographs, description and price list. W. I. DeGow, Cedar Rapids Stock Farm, Cedar Rapids, Ia.

Cloverdale Farm

Breeders of Jacks and Percheron horses. Twenty three and four year old jacks, fifteen yearlings. Some nice Percheron stallions, mares, colts and Tamworth swine. All stock registered or subject to register. We would be glad to have you visit our farm, or write for circulars.
H. T. BROWN & COMPANY, LEXINGTON, KENTUCKY.

50 JACKS & JENNETS

Ranging in ages from coming 3 to 8 years old. A fine lot of Mammoth jacks to select from. Don't wait but call or write. Address
PHILIP WALKER, Moline, Elk Co., Kansas.

THE KENTUCKY JACK FARM

Established, 1884
 Breeder of registered mammoth Kentucky Jacks and Jennets—big bone; plenty weight. Forty head of three and four year old Jacks; also young stock for sale. Would be pleased to have you visit my farm for inspection or write for prices. I guarantee to please you.
JOE. E. WRIGHT, JUNCTION CITY, KENTUCKY.

M. H. Roller & Son

Breeders of Registered Jacks and Jennets, offer for sale 11 Jacks from 1 to 8 years old, 15 Jennets 3 to 10 years old, one imported Percheron Stallion and one grade Belgian stallion. Black Langshan chickens. Eggs in season.
M. H. ROLLER & SON, Circleville, Jackson Co., Kan.

JACKS AND JENNETS.

40 HEAD BLACK MAMMOTH JACKS AND JENNETS.
 Well bred, big boned good individuals. Jacks and prices are both right.
J. H. SMITH, KINGFISHER, OKLAHOMA.

Al. E. Smith's Stock Farm

75 Reg. black Mammoth Jacks and Jennets, 15 to 16 hands. Some good Percheron Stallions. More good big-boned high-class Jacks and Jennets than you will find in any one barn. Forty miles west of Kansas City.
Al. E. Smith, R. 1, Lawrence, Kan.

Leavenworth County Jack Farm

40 Jacks and Jennets, 3 to 8 years old. Also 1 registered Percheron Stallion for sale. 40 miles northwest of Kansas City. Write for prices.
Corson Bros., Potter, Kan.

JACKS AND JENNETS FOR SALE

Going to close out, to change climate. The Big Black Kind. (Registered.) With big feet, heavy bone, long ears, Roman noses, turkey breast, backs up, and their legs under them. COME AND SEE THEM. I AM GOING TO SELL J. E. FARRIS, FAUCETT, MO., 12 miles S. E. St. Joseph, on C. G. W. R. R.

25 Mammoth Jacks, ALL AGES

registered and guaranteed. Some Kansas prize winners. Herd headed by Pharoah 2491, champion at Tennessee in 1910.
H. T. HINEMAN, Dighton, Kan.

PUREBRED HORSES.

FOR SALE.
 My imported German Coach horse; sure breeder; 11 years old; weight 1,650. Will sell cheap; reasons for selling.
JOHN FUHRKEN, Denton, Kan.

BELGIAN and PERCHERON stallions and mares. The best. Come or Write. **BLUE VALLEY STOCK FARM, Blue Mound, Linn County, Kansas.**

At Riverside Stock Farm

A few large young registered Percheron stallions 2, 3 and 5 yrs. old, a colt coming three that weighs 1,900 lbs.; one colt coming 2 weighs 1,700 lbs. A few large mammoth black jacks. One car of 3 and 4-yr.-old mules and one Shetland stud. Pedigrees and warranties given.
O. L. THISLER & SONS, CHAPMAN, KAN.

QUALITY, SIZE and ACTION

should be the principal factor in the DRAFT HORSE. WE HAVE IT ALL IN OUR PERCHERONS and BELGIAN STALLIONS and MARES. We sell the best of them from \$350 up to \$800 and \$1,000.
J. M. NOLAN, Paola, Kan.

PERCHERONS BELGIANS SHIRES

ONE OF THE OLDEST AND LARGEST IMPORTERS IN AMERICA



Our horses are big, smooth flat-boned fellows, with great quality style and conformation. Will please the most critical. Prices reasonable. Satisfaction guaranteed. Letters from hundreds of satisfied customers and big illustrated catalog mailed free.
Watson, Woods Bros. & Kelly Co., BOX 1, LINCOLN, NEB.

Mammoth Jacks and Jennets For Sale

100 Head of Jacks, Percheron and Standard-Bred Stallions and Mares

Jacks from 2 to 6 years old, from 15 to 16 hands high. Stallions 2 to 6 years old, weighing 1,800 to 2,100 lbs., and Standard Bred Horses of the most fashionable breed. Write for Prices and visit our farm before you buy. Farm and Sale Barn on 21st street, one-half mile east of Union Stock Yards.

J. C. KERR & CO., WICHITA, KANSAS



PURE BRED HORSES.
PERCHERON Stallions and Mares, including Regent 2nd, champion stallion Topka, 1910. Prices Reasonable. J. N. A. FECK, Tecumseh, Ks.

The Best Imported Horses One thousand each. Home-bred, registered draft stallions—\$250 to \$350 at m. stable doors. A. LATIMER WILSON, CRESTON, IOWA.

Home-Bred Draft Stallions \$250 to \$300; imported stallions—your choice, \$1,000. F. L. STREAM, Creston, Iowa.

FOR SALE

at all times, Percheron and German Coach Stallions, and good Jacks, among them one Imported Spanish Jack, a large one. My prices are right. M. C. CORLEY, ANTHONY, KANSAS.

7 Registered Percheron Stallions
 1 5-yr.-old black; 1 4-yr. dapple grey; 1 3-yr. dapple grey. These are splendid servers and sure foal getters. 2 blacks, coming two; two weanlings, priced singly or \$4,000 for the bunch. All good colors, with size. There is a difference between the producer's price and the price speculators sell stallions for. All guaranteed. This is a snap, and they are going to sell.
 GEO. W. SCHWAB, CLAY CENTER, NEB.



Greatest Offering in Stallions!
 60 big boned heavy Percheron, Belgian and "Boulonnais" stallions, acclimated and ready for heavy service, at half their value, 2,000 to 2,400 lbs. Write for information and catalog.
 W. L. DECLOW, CEDAR RAPIDS, IOWA.

RHEA BROS. ACCLIMATED PERCHERONS

We have a fine lot of stallions for this season's trade. They have the size and bone so much in demand today. Have two-year-olds that weigh over 1,900 pounds now. We sell them at living prices. Can furnish life insurance if desired, at cost. Write for prices, pictures, or any information you may want, or better still come and see us. On the main line of the C. & N. W. R. R. 28 mi. N. W. of Omaha, 8 mi. east of Fremont and 55 mi. N. of Lincoln. Either Phone T. 33.

RHEA BROS. ARLINGTON, NEBRASKA

Bergner & Sons' Coach Horses

65 HEAD **65 HEAD**
 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 Mephistoles 421. Call on or write, J. C. Bergner & Sons, "Waldeck Ranche," Pratt, Kan.

REGISTERED BAY PERCHERONS

40 HEAD
 All Registered in Percheron Society of America.
 Stallions, Brood Mares, Fillies and Colts. Sale barns in town. Call on or write.
 Dr. J. T. AXTELL, Newton, Kan.

W. A. LANG & CO. GREELEY, IOWA
 Importers of **Belgian and Percheron Stallions and Mares**

Last importation arrived Oct. 9, 1911. Stables filled with horses of extreme weight and heavy bone, ages from two to five years. All horses fully guaranteed. We buy nothing but first class sound horses. We handle no American bred horses. We deal only in imported horses whose pedigrees are all certified to by the Dept. of Agriculture. Write for full particulars and handsome calendar.
W.A. Lang & Co., Greeley, Iowa

from extreme dry to extreme wet. It pulverizes perfectly, allowing proper fermentation, aeration, disintegration, because of the smooth, gradual travel of the furrow slice over the easy, natural curve of the long narrow moldboard, and the perfect twirl at the end. This design of bottom has been proven to eliminate 25 per cent of the draft—it runs naturally, at a steady, even depth—no jerking, and takes a perfectly even furrow slice. There are so many other features of the Janesville Badger bottom, the plow that won the plowing championship at Big Rock, Ill., five times in succession, that it will interest you to read all the facts as explained in the booklets sent out by the Janesville Company, No. 42 Center St., Janesville, Wis. Why not write them a postal card today, stating that you are interested in the Badger bottom Janesville plow, gang or sulky?

Just the Time to Get Johnson's Chicken Book.

Spring time coming right along now when the early starting poultry raisers are getting busy with their chicken plans makes M. M. Johnson's "Old Trusty" incubator book most interesting and valuable to get right now. By writing a postal to Johnson, the reader gets this book free by return mail and learns the best facts to know from the successful experiences of over 325,000 regular poultry raising customers of Johnson who use Old Trusty incubators and brooders. The book is over 200 pages and hundreds of actual photographs help tell the practical facts you should know. Johnson leaves it to you and no obligations whether you decide to take a 30 to 90 day trial of an Old Trusty or not. He pays the freight, east of the Rockies, and that far if you live beyond. He makes Old Trusties on a profit of less than 70 cents at a price to you, delivered complete ready to hatch with less than \$10 anywhere you happen to live. Write to Johnson with a pencil on anything at all—a postal will do as well as anything—and he'll send the book. Say "matter who this here if you want to. No matter who you are, it's all the same. Johnson likes to let his old friends tell strangers to him about Old Trusty's work. He'd even rather you'd consider what others have to say than to tell you himself. His book does both. Address M. M. Johnson, Incubator Man, Clay Center, Neb. That's enough. You'll get the book quick—and like it fine. See ad on page 23. When you write for the book say you saw the offer to send it in Farmers Mail and Breeze.

Parcels Post.

Editor Mail and Breeze—Forty-three years ago at Mechanicsburg, O., at the age of 20 years I commenced my apprenticeship as a general blacksmith. At that time there were scattered all over the United States small plants manufacturing wagons, buggies, etc., employing from one to 20 men in each plant. Each man employed knew it was within his possibility to some day become a proprietor, to hire men and work for his financial benefit. The bright mechanically inclined boy thought it quite an honor to be at the head of one of these small plants. So he went to learn his trade with high hopes. He pictured to himself new wagons well built, good goods, customer well pleased, an honest business career, a ripe old age with plenty to take care of mother. All this and more. But just about that time something happened. Factory wagons and buggies began to be thrown on the market selling cheaper than he could possibly make them. He fought the factories but the wagons kept coming. He had to come down on his price, discharge a part of his men, expenses must be cut to meet competition, but he fought a losing fight. He was doomed. He and his discharged men went to the big factory, became wage earners. The evolution was complete. Thousands of men and hundreds of small plants had been wiped out, the big factory is so big that never in a lifetime at the best of wages could over 2 per cent expect to become proprietors. Anything wrong about this? Just competition. Savage, I know, but it had to come. Now, Mr. Retail Merchant, how about you? Don't you believe you're caught in the meshes? What are you going to do about the big department store? You can't whip it any more than the little wagon maker whipped the big factory. You can't compete. Parcels post is scaring you nearly to death but big business will kill you anyhow. Result, your wages in the big store. In this work for wages in the big store. In this game of politics all classes look alike to big business. The mechanic has "had" his business. These many years; it's new to you, but you are getting yours. We're evaluating, Mr. Retail Merchant—the retail merchants' association to the contrary notwithstanding. You fellows must catch up with the times. Study political economy. We mechanics had to and we have accepted the inevitable. The big change is here and with it parcels post. I am farming now and I know who gets the scars. Am sorry to see the old-time storekeeper go. Father time has been good to him, but who wants to turn back the clock? This is an age of combination. It's savage, but a sure winner.
 HORACE C. BERLEW.
 Sexton, Kan.

Favorable Impressed With Canada.

Editor Mail and Breeze—I am a constant reader of your paper and think it the best I take. I have been reading your comments on taxation. While I do not pretend to be a judge of the best method of raising the necessary amount to keep things going and supply the officials with 10 cent cigars, I made a trip to Canada and was much impressed with their laws and the small amount of taxes they are paying on each quarter section of land, that produces more acre for acre than our Marshall county land. Taxes are not one-third as high as here. When you take into account that they pay no tax on personal property you can notice quite a difference. I was told that \$20 per quarter section was the highest that can be assessed there. Another thing I noticed different from here is that each section contains 640 acres outside of the road which is owned and kept in shape by the government. They have very few laws but what they have are comparatively new country, there is no rowdiness there such as is typical here—Oklahoma, for instance. They have mounted police, red jackets, who patrol the country there the same as the police patrol the cities here.
 A MARSHALL COUNTY FARMER.

North-Robinson-Dean Percherons



Our barns are full of good ones. Imported and American Bred Percherons, Belgians and Shires from 2 to 5 years old, that weigh from 1500 to 2400 lbs. A fine bunch of 2 to 4 year old, pasture raised. The kind that give satisfaction. We have some bargains in Mares. If you want your money's worth come and see us. Large calendar sent free.

North-Robinson-Dean Co., Grand Island and Bridgeport, Nebraska

WOLF BROS.' Imported Percheron and Royal Belgian Stallions and Mares

In making the selection of our 1911-12 stock of Percheron and Royal Belgian stallions and mares, we spared no effort to obtain the quality, bone, action and size, this combined with the best blood strains that could be found. We are in a position to offer to the public the best that money can buy, at prices that appeal to everyone. They are here to sell. Come and see them and be convinced.
Wolf Bros., Albion, Nebr.



STALLIONS

Yes, stallion price cutter, that's what they call me, and I am proud of the title. I want to place one or more of my stallions or mares in every township, and I now have 60 head, another importation to be here this month, and I am going to slice prices on a grand scale. I will give the best of terms, and a cash guarantee. All my horses are registered in books approved by the government. I want you to look at others' horses before you come and then it is up to me to make good to you what I say. Remember if you come and look at my horses and don't say the price is right, considering quality, I will pay your expenses. Come and see me and I will assure you a bargain. Drop me a card when coming, and I will meet you at the train.
L. R. WILEY, EMPORIA, KANSAS

STALLIONS AND MARES Imported Percherons and Belgians

I have for sale at reasonable prices an importation of Percheron and Belgian Stallions and Mares, which I am confident will meet the demands of buyers, both in quality and price. Each stallion and mare was bought by me, personally, and I can guarantee them in every way. I have been located in Emporia 24 years. My references are any bank or business house in the city. A gilt edged guarantee given with every horse. Any one contemplating buying will do well to see these stallions before making their purchases. Visit my barns or write for particulars. Barns 4 blocks from Santa Fe depot.
W. H. RICHARDS
 EMPORIA, LYON COUNTY, KANSAS.

ROBISON'S PERCHERONS

For Sale at greatly reduced prices to close Season's business. Twenty-five good young registered Stallions.
J. C. ROBISON, - TOWANDA, KANSAS.

50—PERCHERON STALLIONS AND MARES—50

Bishop Brothers have 25 big boned stallions that weigh 1,700 to 2,100 pounds that they can and will sell for less money than any firm in the business, quality considered. Write us what you want.
BISHOP BROS., TOWANDA, KAN.

20 Mammoth Jacks For Sale

Yearlings that are Fifteen Hands High. Fifty Jacks and Jennets for sale of the best breeding. No other kind has a stopping place at **Prairie View Jack Farm**. \$500 will buy a better Jack than \$1000 will at many jack farms. We sell Jacks everywhere. We want to sell you one. ED. BOEN, Lawson, Mo., 38 miles N. E. of Kansas City.



Deierling & Otto, Schuyler Co., Queen City, Mo.
 On Des Moines line of Wabash railway.

BIG BARGAINS IN REAL ESTATE

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

MUST SELL—Good 8 roomed house near college. A. W. Atkinson, Manhattan, Kan.

WRITE for list, Clark, Ford and Meade counties, wheat, corn, alfalfa and ranch land. Watts & Neal, Minneola, Kan.

WHEAT LAND \$7 to \$10 per a. Descriptions and state map, with views, free upon application. Clement L. Wilson, Tribune, Ka.

BEST IMPROVED farms and best ranch propositions in Comanche Co., Kan., for sale at lowest prices. Call or write for particulars. Testerman Land Co., Wilmore, Kan.

NOTHING pays better than an investment in our "Great Arkansas Valley Irrigated Lands." We have just what you are looking for. Write W. L. Van Horn & Co., Garden City, Kan., for particulars.

CASH SNAP—Fine smooth quarter five miles town, three blocks school, big improvements, good water, price for ten days \$2,600, \$1,600 cash. Sell sixty days for third more. BUXTON BROS., Ulice, Kan.

FARMS bought at right prices are a good investment. Send for our booklet containing choice bargains in the corn and alfalfa belt of southeast Kan. Farms, prices and terms are right. Write for it today. Miller & Son, First National Bank Bldg., Chanute, Kan.

FOR SALE—A suburban property to town of 800 population, Rice county. Eighteen 50 ft. lots in a body, fenced hog and chicken tight. Four room house, barn 24 ft. sq. with roomy hay mow, wagon shed, corn crib, hog house and lot, coal house, cob house, and plenty of water. Possession given. A snap if taken at once. Price \$2,000. Terms. Address Owner, care of Mail and Breeze, Topeka, Kan.

NO, SIR—We don't have to sell this 160 a. but we are going to, and donate someone a \$1,000. Excellent location, 5 mi. from Meade, 4 mi. from Milledgeville, level, deep dark loam soil. Price \$2,240, \$1,500 cash. MARRS & DAY, Meade, Kan.

IF YOU WANT TO BUY LAND in western Kan. for \$6.00 an a., write GEO. M. LYNCH, Co. Treas., Tribune, Kan.

McPHERSON COUNTY, KAN. Improved land \$40 to \$100. Write for particulars. A. W. Bremyer, McPherson, Kan.

NEW LIST FREE describing Anderson county farms, \$40 to \$60. Geo. W. Her & Son, Garnett, Kan.

BARGAIN. 120 acres, all choice land, well improved, very desirable, 2 miles out, \$60.00 per acre if taken within twenty days. 80 acres improved 3 1/2 miles out, \$40.00 per acre. Send for land list. F. C. LIBBY, Mound, Linn Co., Kan. J. L. Wilson, Salesman.

160 A. WELL IMPROVED FARM. 80 a. in cult., balance meadow and pasture, all fenced, 40 a. hog tight, 5 a. in alfalfa, 7 room house, barn 34x40 ft., 2 1/2 miles to town. Price \$45.00 per acre, half cash, balance terms. KANSAS & OKLAHOMA LAND CO., Coffeyville, Kan.

SQUARE SECTION CHEAP. 640 acres 4 miles Hugoton, Stevens Co., Kansas. Santa Fe main line railroad to Hugoton this year. All level land, for \$6,400, only \$2,400.00 cash. Many other bargains along new Santa Fe extension. Subject to prior sale. F. M. MASON, Liberal, Ks.

LINN COUNTY FARMS. Biggest bargains in Kansas. Corn, wheat, timothy, clover, bluegrass land \$15 to \$30. Coal, wood, gas, abundance good water. Fruit and everything that goes to make life pleasant. Large illustrated folder free. EBY BROTHERS & CADY, Pleasanton, Kan.

80 ACRES ALFALFA LAND for sale. If interested write for list of ten 30-acre tracts near Salina. V. E. NIQUETTE, Salina, Kansas.

640 A. IN MARION CO., KAN. 2 1/2 mi. from good R. R. town. No improvements, 20 a. in cultivation, balance in meadow and pasture. Well watered by spring and creek. Good fences. Price \$26 per acre. SIMPSON, STAATS & GIVIN, Emporia, Kan.

FARMS MUST SELL. Must sell several 80 and 160 acre farms by March first, 1912. They are priced at low value to sell. If you want to buy a farm see mine before you buy. Send for my list. Just put out. J. M. GARRISON, Attica, Harper Co., Kansas.

CHASE CO. RANCH. 1,000 acres, 150 cult. bottom, well improved, 7 miles town. Price \$25 per acre. Also alfalfa lands. Lists free. A. J. KLOTZ & CO., Cottonwood Falls, 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.

Hodgeman County

We are close up to high priced land. Have good small ranches, running water, alfalfa land, perfectly smooth upland, good soil, good water. Good prices, easy terms. Write for price lists, county and state maps. F. M. PETERSON, Jetmore, Kansas.

Southwest Kansas Land

2,400 acres choice smooth land in Stanton county, Kansas. This land is on the line of the proposed Santa Fe railroad branch. Price \$6.00 per acre. Good terms if desired.

THE CHARLES E. GIBSON CO., DENVER, COL. ROOMS 1016-20 FIRST NATIONAL BANK BLDG.

WESTERN KANSAS LAND. \$7.50 an acre and up. W. W. HOLLY & CO., Leoti, Kan.

ANDERSON COUNTY FARMS. New list free; \$40 to \$70 per acre. Exchanges a specialty. RICE-DANIEL LAND CO., Garnett, 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.

EASTERN KANSAS FARM WANTED for each of the following. 160 a. Finney Co., 320 a. Gray Co., improved 160 a. Lane Co., improved 320 Logan Co., improved 560 Decatur Co. All clear. What have you? IOLA LAND COMPANY, Iola, Kansas.

SUBURBAN, NEAR HIGH SCHOOL, \$1,600 25 acres smooth land, two blocks of county high school, Altamont, Kan. Fine place to build a home without city taxes. Write or see DONAHUE & WALLINGFORD, Mound Valley, Kansas.

A PROPOSITION FOR YOU. \$12.50 per acre for 30 days. 1,600 acre alfalfa farm in Seward county on Cimarron river near Liberal. 500 acres bottom land. 200 acres second bottom. Write for particulars. ELLSAESSER & HENRY, Liberal, Kan.

WELL IMPROVED FARM FOR SALE. Nice smooth half section in Labette Co., Kansas, near Parsons. Fine town house 2 rooms, large barn, granary, etc., plenty of water, 80 acres wheat, 60 acres mow land, native grass, 60 pasture, fenced and cross fenced. Must sell to settle up estate. Price \$19,000, for cash only. Address WILSON & RESSEL, Colony, Kansas.

A NEW DISCOVERY. We have discovered that there is a quarter of land 3 miles from town that can be bought for \$22.50 per a., \$1,200 cash, balance 5 years 6 per cent. Good large barn, sheds, granary, well, 100 a. cult., 60 a. pasture, fenced, fair house, smooth and level. Snap for a home. Come and see it. COONS AND JACOBS, Plains, Meade County, Kansas.

100 Farms Improved and unimproved. Send for our list of bargains. THOS. DARCEY, OFFERLE, KANSAS.

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

Grant County Kansas Land I have for sale nice smooth land, tributary to the new Santa Fe cutoff at from \$8 to \$11 per acre. Write for full information. T. W. MARSHALL, New Ulysses, Kan.

Kaffir Corn is King in Butler county, Kansas. Not a failure in 20 years. Alfalfa is Queen, with 33,000 acres. First in cattle and acres grazing land. Second in tons of prairie hay. Prices of land and general information on request. L. L. KISER, Eldorado, Kansas.

DON'T READ THIS unless you want to make a good profit on a small investment. I have a proposition to offer that you cannot afford to let pass you. Level, well located residence and business lots in rapidly growing town. Prices \$12.50 to \$50, easy monthly payments. Write for particulars. JOHN W. BAUGHMAN, Desk "G," Plains, Kan.

Sedgwick County Farm Bargains 160 a. farm, large house, barn, orchard, good land, \$7,500. Terms on \$3,500. 320 a., two good farms, well improved, best of land, \$55 per acre. 120 a. farm, well improved, good land, \$50 per acre; \$1,000 cash, bal. long time. 40 a. tract, make fine chicken ranch, \$1,600. 80 a. valley farm, good improvements, 20 a. fine alfalfa, near city. \$80 per a., terms. H. E. OSBURN, 227 E. Douglas, Wichita, Kansas.

Washington Co., Kan. Land No. 26—360 acres in Washington county, 4 miles from a good town; improvements only fair. 200 acres fine bottom land, best kind of soil; 160 acres best upland in north-east Kansas, making an all around grain farm; sure crop every season. On the market only a limited time; at \$75.00 per acre. This will carry a good loan and balance will have to be cash. PRALLE BROS. REALTY CO., Bremen, Kansas.

FOR SALE 480 acres 5 miles north of Lawrence, Kansas, 1 1/2 miles from Midland. 400 acres tillable, mostly second bottom. No overflow land. Irrigated by 2 never failing streams; has 3 large barns; a large house, and numerous outbuildings all in good condition. There is no better grain or stock farm in eastern Kansas. A BARGAIN at \$75.00 per acre. CHARLES E. SUTTON, Lawrence, Kansas.

FOR SALE 760 acres 6 miles from Clayton, Kan., 600 a. under plow, all tillable, all fenced, 30 hog tight, 160 a. alfalfa land, fine improvements. Running water, shallow well and mill. Price \$30.00 per a., easy terms. 80 acres 5 miles from Clayton, finely improved farm, school, Methodist church and store at corner of land. The improvements cost what we ask for this property. \$3,500, \$2,500 cash, good terms on balance. For land bargains anywhere in the Southwest write MEXICAN REALTY CO., Box 155, Amarillo, Texas.

GOOD LAND CHEAP!

Close to Wichita Union stockyards, 240 acres smooth, black soil, water 15 to 20 ft. Good improvements. Just the place for some stockman. Rents for \$1,000.00 per year cash. A snap for someone at \$75.00 per acre. 1/2 cash, long time on balance. LEACH REALTY CO., Wichita, Kansas.

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.

EASTERN OKLAHOMA farms for sale by owner. All prices and sizes. Write W. A. Hancock, Pryor, Okla.

FOR PRICES and description of the best prairie land in eastern Oklahoma write T. C. Bowling, Pryor, Mayes Co., Okla.

EASTERN OKLAHOMA Indian lands, \$5 to \$10. If you want a money-making investment, write F. A. Blanck, Stilwell, Okla.

160 A. farm four mi. Co. seat, well imp., 100 a. in cult., \$7,500, \$1,000 cash, \$500.00 a yr. Also well imp. 160 a. farm, \$6,000, J. H. Fuss, (The Land Man), Medford, Okla.

GOOD 80 acre Pottawatomie county, Oklahoma farm, 6 miles from Shawnee, lays well; 65 acres in cultivation, balance hay land; soil dark sandy loam; fair improvements. \$2,000 cash, balance terms. \$3,200.00. Lambard-Hart Company, Shawnee, Okla.

GOVERNMENT FARMS FREE—Our 1912 official 132 page book, Free Government Land, describes every acre in every county in the United States; contains township and section plats, Maps, Tables and Charts showing inches rainfall annually, elevation above sea level by counties. Homestead, other government land laws, tells how and where to get government land without living on it. Application Blanks, United States Patent. All about Government Irrigation Project. Map showing location of each. Tax laws of each state, other information. Price 50 cents postpaid, direct from publisher. THE HOME BUILDERS, 508 West Main St., Oklahoma City, Okla.

170 ACRES 4 miles R. R. town this county. 100 acres in cultivation. Balance timber and pasture. Two small houses, barn, etc. Soil very dark sandy loam. Fine for corn and alfalfa. Price \$17 per acre. Terms. Write for list. SOUTHERN REALTY CO., McAlester, Okla.

FOR BEST FARM LANDS in Payne and adjoining counties, \$20 to \$50, write Ira Stout, Farmer's State Bank, Cushing, Okla. Map and list free.

TERMS TO SUIT. 160 a. 7 miles of Medford, 1/2 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 mill, 4 room house, large barn and sheds, 2 miles of school, some wheat. Good loose loam soil, good ALFALFA land. Write us for trades. BATTEN REALTY CO., Medford, Okla.

POCKET MAP OF OKLAHOMA for five names of persons intending to change. Caddo county corn and alfalfa land. BALDWIN & GIBBS CO., Anadarko, Okla.

OKLAHOMA BARGAIN. Kay Co., 160, 5-r. house, large new barn, cattle sheds, silo. Good land. Price \$8,500. List free. E. E. WOOD, Newkirk, Okla.

\$250 PER ACRE buys 360 a., 4 miles Kosoma, Okla. Title good. No trades. RINGLANDS, McAlester, 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.

Okla. 240 A. 25 a. in pasture, rest for imp., cement cave, spring crop, large new telephone. Will raise any kind of grain or hay. School house on land. Lays in oil and gas belt. \$8,000, part cash, bal. on easy terms. Owner, Charles Barrett, Waldron, Kan.

ALL VERY GOOD

We have the very best of all smooth tillable land. R. T. WRAY & CO., Tyrone, Okla.

MISSOURI.

SPECIAL farm bargains this month. List free. Morris & Walker, Mountain View, Mo.

DAIRY, poultry, fruit, stock and timber lands, all sizes and prices. Write Ozark Realty Co., Birch Tree, Mo.

R. S. PHILLIPS & CO., Mar. field, Mo., offer unsurpassed opportunities to homeseekers in Ozarks of Webster Co. Write for descriptive farm list. It's free.

A FINELY IMP. 60 acres in Henry Co., 2 1/2 miles of Calhoun, 40 a. bottom land, fine orchard, good water. Price \$3,000.00, half cash, 620 a. fenced, 2 miles to railroad. Price \$12.50 per a. MISSOURI LAND CO., Humansville, Mo.

FARM BARGAINS. We are offering you the choicest list of lands in America. Splendid stock farms, within your reach. Corn and clover lands. Cheap. Send for list with descriptions and price. C. H. MARTIN, Doniphan, Mo.

HERE IS A BARGAIN. 200 a., fair imp., 140 in cult., 60 a. splendid grass, living springs, gently rolling land, good soil, no rock except on 8 a. R. F. D., close to town and school. Price \$30.00 per a., half cash, bal. 5 yrs. 7 per cent. J. W. CARPENTER, The Land Man, Bolivar, 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.)

FREE: "Homeseekers' Review" BEST LAND in Missouri. Many big bargains. WEST PLAINS REAL ESTATE CO., West Plains, Howell County, Mo.

ARKANSAS.

38 CHEAP farms for sale in White Co., Ark. Letona Realty Co., Letona, Ark.

BARGAINS in north Ark. Good valley farms and cheap dairy and grazing land. Clayton & Wayt, Hardy, Ark.

\$20 ACRES corn, cotton and alfalfa land. Soil 20 ft. deep, on railroad with station on land. Artesian water. \$20.00 per acre. McIVER Co., Texarkana, 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.

240 A. imp. farm; 100 cult.; bal. timbered; soft well water; orchard; level; no rocks; white community; healthy; 3 mi. Winthrop on K.C.S.Ry. \$4,800. Terms easy. Robert Sessions, Winthrop, Ark.

GO TO ARKANSAS where opportunity awaits you. Send for literature describing the best lands in the best county in the state. Write to BERT J. MYERS, Immigration Agent. Headquarters at Riverton, Nebraska.

688 ACRES, 2 miles out from Imboden. About 155 cleared and cultivated. About 100 bottom and valley. Bottom, upland and hill yet to clear. Fair house. Place well watered. Make a general purpose and livestock proposition. Price \$15.00 per acre. For full particulars write J. L. M'KAMEY, Imboden, Lawrence Co., Ark.

IT'S FREE. For booklet and price list Arkansas farms, write Moore & Martin, Prescott, Arkansas.

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.

COME TO DECATUR, ARKANSAS. See us for bargains in fruit farms, grain farms, stock ranches. Also Okla. lands, good climate, water, soil, health and opportunities. We have land \$2.00 up. Don't fail to see us. Literature and list free. FLEMING & WEAVER, The Land Men, Decatur, Ark.

CHEAP LAND, S. W. ARK. 40 acre homestead, 3 room house, well, etc., \$225. 90 acres on K. C. S. Ry., cut over land, \$6.50. 160 acre farm, five room house, well, 35 acres open, \$1,400. Fine second bottom river land covered with timber, \$12. R. L. JOHNSON, Allene, Little River Co., Ark.

FOR BARGAINS in Arkansas farm and timber lands, write H. G. LONG, Hoxie, Ark.

SCOTT COUNTY, ARKANSAS, improved farming land, from \$10.00 an acre up. Raises big crops of fruit and all staples. Ideal country for stock raising. Also timber land for \$5.00 an acre up. New list free. HUBBERT J. HALL, Waldron, Arkansas.

A HOME FOR YOU IN ARKANSAS. 80 acre farm, 25 in cultivation, 5 room house, barn and outbuildings—4 mi. from city, \$1,500.00. Easy terms. 800 acres, cut over land, will make good upland farms. Some cleared land now in cultivation on tract. \$10.00 per acre. Easy terms. Farms, Lands, Homes. 16 years' experience in Arkansas lands. REAL ESTATE DEPARTMENT, TEXARKANA TRUST CO., TEXARKANA, ARK. Colored map of Arkansas for 2c stamp.

ARKANSAS.

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.

ARKANSAS

Land of corn and cotton
The best that you ever saw—
Never to be forgotten
Grand Old Arkansas.

Land of mellow peaches,
Land of golden wheat,
The experience teaches
It's mighty hard to beat.

Land of reddest cherries,
Apples, pears and plums,
Land of endless berries,
To the front she comes.

Blessings rise upon us,
Love for all the girls;
Hail the land of promise;
Hail the land of pearls.

Land of peace and plenty,
Love, liberty and law;
There isn't a state in twenty
That beats old Arkansas.

For particulars of prices on land for homes or investments write G. A. Long, 325 Southern Trust Bldg., Little Rock, Ark.

TEXAS.

COLONIZATION tracts, two to five thousand acres in rain belt. The Baughman Realty Co., Eagle Lake, Texas.

WRITE FOR FREE literature describing choice lands in the Eagle Lake district. Send your name today. Fidelity Immigration Co., Eagle Lake, Texas.

10,000 ACRES, Lower Panhandle Texas—shallow water—Santa Fe territory—sold in 160 acre tracts if desired. Also improved farms in Mitchell county, line of Texas Pacific Railway. C. H. EARNEST, Owner, Colorado, Texas.

FAMOUS PECOS VALLEY, Texas, on Orient railroad—640 acres choice selected fruit and alfalfa soil. Every acre irrigable, only 2 1/2 miles of railroad. Land with water sells for \$100.00 per acre. I offer this without water at \$25.00, or will install irrigation from wells and sell for \$35.00 per acre. Would exchange for improved farm, prefer one close to Kansas City but would take Kansas or Missouri. Will not assume, as my land is clear. This 640 acres can be improved and sold for \$150.00 per acre. Address, giving full details of property you own, Alfalfa & Vineyard, care Finney Adv. Agency, Keith & Perry Bldg., Kansas City, Missouri.

825 A., 9 ml. Bay City, Matagorda Co., Texas, 200 a. open land, bal. timber. \$25 per a. Other propositions. CASH REALTY CO., Bay City, Texas.

POTATO LAND.

1,400 a. Brazos val. red shell alluvial soil; \$13.50 a. N. B. Knight & Co., Houston, Tex.

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

IF YOU WANT LANDS NEAR BAY CITY, the "Queen of the Texas Midcoast," write C. S. EIDMAN, Bay City, Texas.

Investigate This Before Buying.

1,500 acres of heavy black loam located within two miles of good railroad town. Ready for the plow and will sell in tracts of 80 acres up. Or will sell all at an attractive price. Write us for prices and terms. FERGUSON & POST, Iroquois Bldg., Victor, Tex.

NEW YORK.

FOR SALE—A-1 267 acre farm, very productive. Near city, Geneva, N. Y. Write for particulars. D. S. NESTER, Owner, Geneva, N. Y.

GREATEST BARGAIN WE HAVE OFFERED.

Owner, retiring, must sell this money making, finely located farm of 350 acres, eight room house, five room office, running water, electric lights, four barns—large barn cost \$10,000 has basement, concrete floors, 101 tie ups, numerous box stalls, horse barn with basement cost \$2,500, two other barns—two silos 1,000 tons capacity, 200 ton ice house, concrete milk house, twenty hen houses, hog houses, calf house, 72 fine cows, 18 young cattle, six mules, three horses, nine bronze turkeys, 450 hens; tools that cost \$15,000 including four milking machines, three gasoline engines, one steam engine and saw, threshers, harvesters, binders, mowers, side delivery rakes, hay press, loaders, tedders, manure spreaders, sulky cultivators, tobacco planters, potato planters, diggers, ensilage cutter, seeders, harrows, four incubators, 1,000 egg capacity, ten wagons, harness, etc. Large quantity of hay, grain, ensilage and straw; 4,700 bushels of potatoes, 2,000 bushels of oats were raised last year; milk has been bringing \$1,000 a month; everything in fine condition. Price for this, one of the best equipped farms in the state, one-half mile from village limits, \$40,000. Terms, \$25,000 cash, the balance time. HALL'S FARM AGENCY, Owego, Tioga county, New York.

MICHIGAN.

Michigan Farm Bargains

Have you heard the news? Western farmers are going to Michigan by the hundred. My booklet, "Michigan Clover Farms," tells you why. Write for it. It will be a revelation. List of farms with it. S. V. HAYES, Dept. D, Grand Rapids, Mich.

COLORADO.

320 A. homestead relinquishments, a few choice ones, fine land, last chance. Write us, National Inv. Ass'n, Akron, Colo.

FOR SALE BY OWNER—Irr. farms in the famous Arkansas valley. All in cultivation. Old reliable irr. systems. Easy terms. Agta. wanted. A. J. Reynolds, La Junta, Colo.

MONEY making stock ranch, 960 a., eastern Colo., half sec. clear, deeded; section school lease adjoining; 750 a. nearly level. Good improvements; 8 miles to inland town; open range close. Price \$4,500, half cash. Now running 250 head mixed stock and big bunch of hogs. Plenty feed. E. L. PALMER, Laird, Yuma Co., Colo.

FOR SALE—Ark. valley irr. alfalfa lands, most desirable climate; rd lands with water in West. Geo. R. Wilson, Lamar, Colo.

LOGAN CO., COLORADO, LANDS. Upland \$6.00 to \$35.00. Irrigated \$35.00 to \$125.00. Free information. K. BUCHANAN, Sterling, Colo. Over postoffice.

WASHINGTON CO., COLO., LANDS. From \$3.00 to \$80 per acre. Write for FREE information. It will pay you. MACDONALD-PURDY LAND CO., Akron, Colo.

AVOID DROUGHT AND FLOODS. Constant sunshine and bountiful water under the new Pueblo Irrigation District adjoining city. Only \$30 per acre. For descriptive circular and maps write COBURN & McCLINTOCK, Box 797, Pueblo, Colo.

KIOWA COUNTY, COLORADO, corn, wheat and alfalfa lands, \$8.00 to \$15.00. Homestead relinquishments \$250.00 up. A few 160 acre relinquishments under prospective irrigation. Folder and copy of homestead laws sent free. THE WESTERN REALTY CO., Bads, Colo.

LAS ANIMAS, BENT CO., COLO. In the heart of Ark. Valley, where irrigation has made the desert blossom as a rose. Alfalfa, wheat, oats, sugar beets, famous pink-meat cantaloupe, and many other crops produced abundantly. KURTZ-STALEY LAND CO., Las Animas, Colo.

ARKANSAS VALLEY IRRIGATED LANDS. Where alfalfa, wheat, oats, cantaloupes and sugar beets produce mammoth crops every year. We sell and exchange these lands. If you want a good home, or money-making investment, write McCauley & Mahoney, La Junta, Colo.

Wheat and Alfalfa Land Kiowa Co., Colo., \$8.00 to \$25.00 per a. 25,000 a. will be irrigated. Write for free maps and description. Shallow sheet water. A few good homestead relinquishments yet. FIRST STATE BANK, Brandon, Colo.

Western Land Bargain Shop

We have the choicest selection of large and small tracts of irrigated and unirrigated land in Colorado, Wyoming, Texas, Arizona and New Mexico. Write and let us tell you how you can get a good western farm at a low price or good land for investment. Twenty-five years' experience. Information free. JOHN H. HOLLOWELL (The Land Man), 607 17th St., Denver, Colo.

OREGON.

OREGON HOMES In Famous Willamette Valley, Near Portland (Population 225,000), Are Here for You.

Five and ten acre tracts, all improvements. High class, within reach of industrious people with little money. Ideal climate, no irrigation, no frost, no hail, no winds. No crop failure in history of Willamette Valley. Apples, peaches, pears, plums, prunes, cherries, walnuts, etc., all kinds of berries, grain of all kinds, (alfalfa, four crops each season), roses bloom in winter, right now. How is your weather? Wonderful profits from Lambert cherries—little care, big profits, one crop pays entire cost of St. Joe Orchard homes. Three railroads. Surrounded three sides by beautiful Yamhill river. Short distance to Portland, three miles to McMinnville. St. Joe Orchard Homes soil favorably reported by Professor Rees of Oregon Agricultural College. Full information to those interested. GERMAN REALTY TRUST CO., 264 Stark Street, Portland, Oregon.

LOUISIANA.

TIMBER and farm lands, city prop. and mdse. Describe and price your prop. Ragsdale-Bland R. E. Ex., Shreveport, La.

RICHEST lands in U. S. located in famous Red river valley. Best adapted to corn and alfalfa. Some exchanges. W. C. Evans Realty Co., 510 Market St., Shreveport, La.

IF YOU WANT TO BUY A FARM or cut-over lands, within a radius of 50 miles of Shreveport, write to HANSZEMASON REALTY CO., Shreveport, La.

Farm and Timber Land in Caddo Parish, La., at \$10.00 to \$50.00 per a. Farm lands are very fertile and productive and rent readily for 10 per cent of their value. Write for free illustrated literature. HERNDON-JETER CO., Shreveport, La.

NEW MEXICO.

NINETY THOUSAND acres of fertile farm land for sale in eastern New Mexico; will cut to suit and sell on long time payments. Also a number of improved farms for sale. If interested write us for information; it's free. Address HAVENER DEVELOPMENT CO., Clovis, N. M.

IDAHO.

RICH, productive, deeded land on railroad; excellent markets; schools; free range; lowest prices. Unequaled opportunity for home-builder or investor. Descriptive bulletin giving full par. Write at once to Bear River Valley Land Co., Montpelier, Idaho.

FLORIDA.

FLORIDA—10-acre tracts, finest prairie land, De Soto county, Florida; sacrifice price, \$18 per acre; monthly payments. C. B. Johnson, owner, Parsons, Kan.

FOR SALE—First class small hotel in one of the best new towns in Florida. Town growing rapidly and hotel on profitable basis netting \$100 to \$150 per month. Surrounded by beautiful young orange grove; rare opportunity. FLORIDA DEVELOPMENT COMPANY, Davenport, Florida.

MISSISSIPPI.

8,000 A. in tracts to suit purchaser, especially adapted to truck, oranges and all staples, \$12 per a. and up. Write for full information. W. A. COX, Gulfport, Miss.

SOUTHERN MISSISSIPPI.

Ideal for general farming as well as oranges, pecans, truck, grape fruit, etc. Anything that you put into the ground here in this genial climate grows and produces abundantly. Write for list, land \$10.00 up. SOUTHERN LAND CO., Wiggins, Miss.

FOR SALE OR EXCHANGE

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

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

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

CLEANEST legitimate exchanging offered. Middle West Ex. Bureau, Cherryvale, Kan.

LIST your property for quick sale, rent or exchange, with Ed Ruckman & Co., 807 Sweiter Bldg., Wichita, Kan.

IF YOU WANT to buy or trade for an Arkansas valley farm, write to or call on C. L. Seeley, La Junta, Colo.

WE WANT stocks, residences, and farms listed for exchange. Write for listing blank. Cassoday Realty Co., Cassoday, Kan.

LAWRENCE, Kan., residence for western Kansas land. Blacksmith shop and garage for land. J. W. Watkins, Quenemo, Kan.

HEY, THERE!—Get our booklet, Mo. Ozarks. New list. Exchanges our strong suit. Baker Realty Co., Mountain Grove, Mo.

FOR SALE OR EXCH.—Central western Kan. land, \$10 to \$50 per a.; city property and merch. B. T. Cutler, McCracken, Kan.

HUNDREDS of bargains in improved farms, located in 20 states. Sale or exchange, list free. W. P. Burrow, Warm Springs, Ark.

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

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

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

FOR SALE AND EXCHANGE—Eastern Kansas farms, western lands, city property and stocks of mdse. Write today stating what you have. O. C. PAXSON, Meriden, Kan.

WE HAVE hundreds of cash buyers for farms, ranches, income properties, etc. If you have property we can do business. C. J. NEWTON, Hartford Hotel Bldg., Tulsa, Okla.

960 A. 4 ml. Eldorado, well imp., creek, timber, 140 bottom alfalfa land, 260 cult., 700 past., \$42.50 a. Terms. Other cash and exch. propositions. V. A. Osburn, Eldorado, Kan.

FOR SALE OR TRADE—First class wheat land, also the best of pasture land, prices from \$15 to \$40 per acre. Wheat is looking fine; one crop will pay for the land. Meyer Bros., Morland, Kan.

175 a. farm, Howell Co., Mo., 90 a. in cult., bal. good timber, good apple and peach orch., some berries, 4-rm house, other outbuildings. Plenty good water, 2 ml. town. Will sell \$30 a. if sold soon. Half in good rental property, some cash, terms on bal. IOWA, MISSOURI & KANS. LAND CO., A. P. Cottrell, Mgr., Pomona, Mo.

FARM AND FRUIT LAND sale or exch.; also city prop. and mdse. Moss, Hays & Co., Sloom Springs, Ark.

\$5,000.00. Telephone exchange for sale or trade. Write C. W. SPANGLER, Mulhall, Okla.

EXCHANGE FOR MDSE. OR HARDWARE. 480 a. good smooth land in south central Kan. Owner, H. C. Whalen, Wichita, Kan.

TO TRADE FOR MERCHANDISE. Fine farm of 120 a. close to town; good imp.; about 40 a. in alfalfa; price \$12,000. Same party owns 820 a. that can be irrigated by pumping plant; price \$8,000. Will trade one or both. Fine home or investment. Other bargains. GORHAM REALTY & LOAN CO., Garden City, Kan.

FOR EXCHANGE. 72 acres 1 1/2 miles of this city, all fenced with 60 acres in cultivation, balance in pasture. This place is well improved and a dandy. Will take \$1,500 in good income property, balance time and money. What have you to offer? Price \$75 per acre. Write to Jas. B. Webb & Co. for information at West Plains, Mo.

CATCH THIS. For sale, two alfalfa farms, adjoining Newton Kan. Two modern up-to-date flouring mills clear, to exchange for land. COOK & FRANCIS, Newton, Kan.

EXCHANGE FOR LAND OR CITY PROPERTY. Stocks of groceries and dry goods, ranging from \$1,000 to \$5,000. We also have land in central and western Kansas to exchange. B. M. MURPHY & CO., Hutchinson, Kan.

WANT TO TRADE 200 acres choice valley land, all tillable, new 8 room house, new barn 36x48, 3 1/2 miles to railroad station. Want central western Kansas land. MANSFIELD LAND COMPANY, Ottawa, Kansas.

FOR SALE OR TRADE—240 acres of good upland, 60 acres cultivation, 100 acres prairie meadow and 80 acre pasture, for merchandise or rental property. 320 acres pasture land for merchandise, rental property or livestock. A fine block of income property. Rental value \$200.00 per month. Price \$35,000.00, incumbrance \$15,000.00. Will trade equity for land or merchandise. A good stock of clothing, shoes and furnishing goods of \$9,000.00 for clear land. LONG BROS., Fredonia, Kan.

FOR SALE OR TRADE. Rich farm and ranch lands. In tracts of 100 to 140,000 acres, \$3 to \$100 per a. Good terms. Dryden & Moseley, Waco, Texas.

WANT TON MOTOR TRUCK for Ford Touring Car. N. F. J. SONDERGARD, Ramona, Kan.

"LAND FOR MERCHANDISE." 160 Elk county, Kansas, 150 Logan county, Oklahoma. Improved—For Missouri land or Springfield, Missouri, property, or both for merchandise. Patents a specialty, try us. OWNERS SALE & EXCHANGE, Neodesha, Kansas.

SNAPS FOR SALE AND EXCHANGE. Good smooth improved land on the new southwest R. R. at \$10.00 per acre. Also have land here to exchange for land east. Garage and machine shop, will trade for land or city property worth the money. Have all kinds of mdse. to trade. SANTA FE LAND CO., Dodge City, Kan.

WE OWN THESE TRADES. Paint and wallpaper store at Longmont, Colo., rent \$35; will invoice about \$3,000. Chicken ranch in North Denver, two blocks off car line, 6 lots, fenced, 5-room house, new barn; mortgage \$1,600, 6 per cent, 6 years; want clear property. W. J. CATTELL, 1730 Logan St., Denver, Colo.

FOR EXCHANGE FOR 30 DAYS ONLY. 125 1/2 acres 3 1/2 miles from Loveland, Colorado, watered from one of the best ditches in the valley. All under irrigation but about 8 acres, \$3,000 worth of improvements consisting of fine 7 room house, barn for 8 head of horses, other outbuildings, fine lawn, large grove trees, some fruit. Owner lives in Iowa and wants to get interests closer to him and offers for 30 days only his equity in this farm for stock of groceries, hardware or implements. Price \$15,000. Mtge. \$5,000 8 1/2 years yet to run. MOORE & EATON, 185 E. 4th St., Loveland, Colo.

FARM BARGAINS For sale or exchange, any size, any price, anywhere. We can match any trade. SEWELL LAND CO., Garnett, Kan.

For Sale or Trade for picture show or restaurant, or racket stock, 20 acres of land joining the town of Amalga, New Mexico. Subject to irrigation, and all can be thrown into town lots. Price \$2,000 clear. GEO. MANVILLE, Holton, Kan.

FARM BARGAINS For sale or exchange, any size, any price, anywhere. We can match any trade. J. P. DUNCAN REALTY CO., Wichita, Kan.

Do You Wish to Swap? If so write us fully first letter what you have and what you want. We match 'em. Also some farm snaps for cash. OAKLEAF & HILL, Cherryvale, Kan.

For Sale or Trade 1,280 acres of choice land, all well improved, on the Rock Island railroad, from one to five miles of Naravisa, New Mexico, prefer south Mo. or Ark. lands. AMOS PEARCE, Naravisa, N. M.

WANT A LOCATION? I can sell or exchange your farm for you for another farm, city property or business of any kind. If you wish to change locations give me a full description of what you have to offer, what you want and where you want it. Owners only. CARL M. COOK, Limon, Colo.

TO TRADE 347 acres land in Hartley county, Texas, about 8 miles northeast of Hartley and 12 miles southeast of Dalhart, 2 miles from R. School and telephone. All good, smooth land. No improvements. Plenty of good water under land. All can be cultivated. Want other property. No speculators need answer. Address Lock Box 7, Lancaster, Kansas.

Farm For Merchandise We offer 320 acres good smooth land 15 miles from Tyrone, Okla., land in Stevens county, Kansas, on R. F. D. and telephone line, some improvements, such as well, house, barn, etc. Price \$5,000. Mortgage \$2,000 due 1914 7 per cent. Will trade equity for good stock of groceries and dry goods. Give full particulars first letter. LAND-THAYER LAND CO., Liberal, Kan.

240 Acres of Irrigated Land close to Alamosa, Colorado. Will soon be in the city limits. Price \$100 an acre. Also \$2,000 worth of city lots in Oklahoma City. Will take gen'l mdse. or hardware store, not exceeding \$20,000 to \$24,000. STEVENS & RUBY, Stockton, Kan.

FOR SALE OR TRADE—240 acres of good upland, 60 acres cultivation, 100 acres prairie meadow and 80 acre pasture, for merchandise or rental property. 320 acres pasture land for merchandise, rental property or livestock. A fine block of income property. Rental value \$200.00 per month. Price \$35,000.00, incumbrance \$15,000.00. Will trade equity for land or merchandise. A good stock of clothing, shoes and furnishing goods of \$9,000.00 for clear land. LONG BROS., Fredonia, Kan.

Kansas Needs Better Stock

A Great Opportunity For Forehanded Farmers

BY G. C. WHEELER, EXTENSION DEPT., KANSAS COLLEGE.

We are facing a beef shortage in this country at the present time. With an increase of 21 per cent in our population during the last 10 years, there has been a decrease in beef cattle of 6 to 10 per cent. The increased marketing of calves and young immature steers and the cleaning up of breeding herds on the range is reducing the beef producing capacity of the country as a whole. We are forced to the conclusion that the corn belt farm must produce a large proportion of the beef of the immediate future. The depleting effect of exclusive grain farming upon the producing capacity of the soil also is becoming more and more apparent.

Rewards For the Forehanded.

Thinking men have long realized these facts and article after article has been presented through the agricultural press calling attention to the possibilities of the profitable meat production in the near future. These articles have emphasized over and over again the great necessity for using a better class of stock than has been the practice upon many a Kansas farm. Those who have established herds of high-class beef cows during the last five years and have used nothing but the best of purebred beef bulls of early maturing types, are already beginning to reap the rewards sure to follow this logical preparation to meet the demand of the times.

What Is Being Done in Kansas.

Those in authority at the Agricultural college have long recognized the necessity for great improvement in the quality of livestock grown in the state. With the creation of the extension department, the writer of this article was drafted from the animal husbandry department of the college and experiment station to take up this campaign of livestock improvement among the farmers of Kansas. The Purebred Sire club has been formed as a means of enrolling those who have taken the progressive step of using only purebred sires as a means of livestock improvement, and the formation of local or county livestock associations has been a potent means of arousing renewed interest in the betterment of livestock conditions.

Co-operative Plan Works Well.

The splendid work being accomplished by the Mitchell County Improved Stock Breeders' association was ably presented by the secretary, J. M. Rodgers, at the annual meeting of the Kansas Improved Stock Breeders' association held in Topeka. This association has already become far more than local in character.

BUSINESS CHANCES.

HAZELTON
THE NEW CITY
IN A NEW COUNTRY
ON A NEW RAILROAD

offers you the same ground floor opportunities as Seattle, Vancouver and Winnipeg of twenty years ago. Hazelton is located at the head of steamer navigation on the Skeena River in Central British Columbia, Canada's Garden Province. It is on the Main Line of the Grand Trunk Pacific, the New Transcontinental Railroad, the tracks being but twelve miles away. Glorious invigorating climate, mild summers, mild winters; at junction of three valleys with half a million acres of fertile land adapted for fruit raising, stock, grains and mixed farming. Tributary to one of the most mineralized districts in the world. Gold, copper and an area of anthracite coal equal to that of Pennsylvania. Now has two newspapers, banks, hotels and doing over a half million dollars worth of business annually. It is the entering city of Central British Columbia, the "Last Great West." Crowds arriving, buildings going up. Centrally located lots from \$200 to \$400; terms as low as \$20 down and \$10 per month. Liberal contracts; free deed in event of death; extension on account of sickness. Send name and address for free illustrated booklet and maps giving complete details. Plant a few dollars in the coming city of Western Canada. It will be safe and grow fast. Thousands have made fortunes by investing in great cities during their early stages. Hazelton is destined to be one of the Mighty cities of the Mighty West. Get in now before the railroad, before the prices soar. Old responsible firm. Representatives wanted everywhere.

CANADIAN NATIONAL INVESTORS,
LIMITED.
310 M. B. Hastings St. West, Vancouver,
B. C., Canada.
Capital \$100,000. Assets over \$300,000.

MEXICO.

EVER HEAR OF MACINESO, Mexico?
Place of FREE HOMES and perpetual income. Everything guaranteed. J. M. Mason,
Columbus, Kan.

The writer of this article was present and assisted in the way of advice and encouragement when the handful of earnest livestock men of Yates Center and its vicinity organized the Woodson County Improved Stock Breeders' association three years ago. This organization has grown and prospered and its influence for good has spread over a number of counties. Co-operative breeding clubs or associations can be of great assistance to the small livestock grower in enabling him to eliminate the scrub sire. Renewed interest is being taken along this line by those who are awake to the possibilities of more profitable livestock farming. The following statement is taken from a letter received on this subject:

Eight of us having only a few cows apiece have for a number of years been maintaining four or five scrub bulls, some of them the scrubbiest of scrubs. We are now getting together and are going to buy one high quality purebred beef bull for the use of

the eight of us and send the scrubs to the shambles.

College Offers Its Services.

The Kansas Agricultural college is desirous of furthering the livestock interests of the state and, through its extension department, is offering to aid in the formation of livestock associations of various kinds, co-operative and community breeding organizations, to give expert advice in the selection of sires, and such other assistance as the livestock farmers of the state may desire. Those interested are urged to write to the author of this article whose special business is to supply assistance of this kind.

G. C. Wheeler,
Specialist in Animal Husbandry,
Extension Dept., Kansas Agricultural
College, Manhattan, Kan.

Locating Seed Wheat Crops

The Agricultural college at Manhattan will inspect any man's wheat field this spring who wishes to save his crop for seed, and there will be no fee for the inspection. The inspector will tell the owner of the best methods of harvesting

and caring for the crop to make good seed and if these methods are followed his crop will receive the recommendation of the college. Lists of these growers will be made up and forwarded to all farmers who want good seed next fall. This plan has enabled many careful farmers to sell the wheat at a premium above market prices. In making requests for this inspection address L. A. Fitz, Manhattan, Kan., and answer the following questions:

1. Name of variety.
2. When and where did you obtain seed of this variety?
3. How long have you grown it?
4. What has been the average yield per acre from it?
5. How does this yield compare with that from your other wheat?
6. How many acres of this variety will you harvest this season?
7. What yield do you expect?
8. What means have you used to keep it pure in growing and threshing?
9. Location of farm. Give county, with distance from nearest town or postoffice. (Example: 5 miles north and 4 miles east of Wichita.)
10. Give any additional information which you think would be helpful in the work.

Approximately one-third of the cases of sickness and early death are preventable.—Dr. Crumbine.

Farming by Irrigation the Ideal Method

Farming by irrigation is neither an expedient nor an experiment. It is the ideal method. It is the most pleasant, the surest, the most profitable kind of farming. Under favorable conditions such as obtain at Highview Park it means water on the ground when you want it, where you want it and in the amount you want it. The water you want on the land is up to your judgment. On an irrigated tract there are no drouths and no floods, but plenty of sunshine, plenty of water, not too much nor too little.

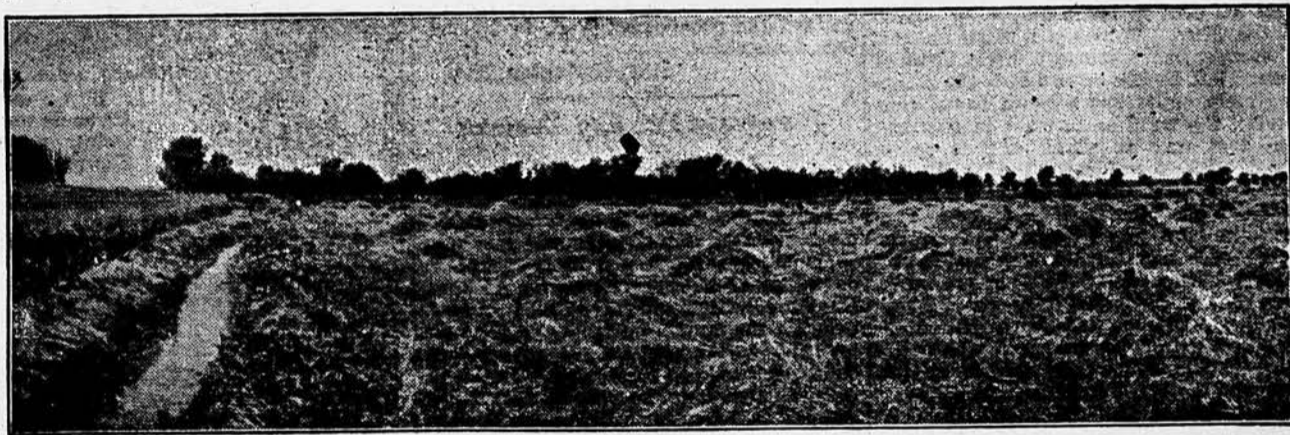
Are You Interested?

Of course you are interested. You have been reading our announcements in this paper for the past three months. You would like to have some of this land. Many readers of this paper have written us about it. Sales are already being made. But we haven't heard from you. We want to tell you more about the proposition than we can tell you in these advertisements. Won't you give us the opportunity to give you more complete information? Better, still, for you and for us would be a personal visit to our offices in Denver and to the Highview Tract almost adjoining Denver. This is a good time of year to look into the proposition more carefully now, just before spring and spring work open up.

It is good land to buy for an investment and still better to buy for your own use. Don't overlook the advantage offered by us in this remarkable tract. The climate that perfects and colors the fruit also kills the enemies of plant life and of man. Life is nowhere more worth living than in the cool, delightful, sunny atmosphere here near the mountains. Plants, fruits, animals, and men reach a higher degree of efficiency and well being here than almost anywhere else.

And Don't Forget Denver,

one of the finest, most promising cities in the country. It is not a city of promise merely. It is the largest city between Kansas City and San Francisco. It manufactures more products than Kansas City. Denver's factories have a pay roll of over a million dollars a month.



ALFALFA FIELD AND ORCHARD IN HIGHVIEW PARK TRACT.

Success Is Certain at Highview

You can make more than a living here. You can make a fine, pleasurable, comfortable living and you can make money beside. And you wouldn't guess the price. No, we are not asking \$300 to \$500 per acre. We can sell you 5, 10 or 20-acre tracts of smooth prairie land with water today for \$75 to \$125 per acre and on favorable terms.

Now Is The Time

Right now, at the opening of the spring season, is the time to look into this splendid proposition. Write at once for our literature, which tells all about it, and for terms. Better, still, get on the train, come to Denver, see us and the Highview Tract. If you come, you'll buy.

The Denver Suburban Homes and Water Company

620 Commonwealth Building, Denver, Colo.

JAMES BUTLER, Eastern Representative, 1230 Fillmore St., TOPEKA, KANSAS.

Moving Time.

Now that we have moved once more,
Let us calmly view the cost;
Gone the glass in the bookcase door,
Sixteen casters forever lost;
Broken, a mirror of beveled plate,
Ruined, a portrait of Uncle John;
Look at the couch in its shattered state!
Where has the leg of that bureau gone?

Where is the pendulum of that clock?
What has become of that bureau key?
Who pried open the sideboard lock?
Look at the limbs on the old hall tree!
Look at the gash in this fine armchair!
It's a fright what those movers do,
Half of the stuff is beyond repair!
Looks like the work of a wrecking crew.

Edges broken off picture frames,
Cut glass dishes in smithereens;
Here is a sight that my blood inflames,
Look at the holes in our window screens!
Everything here that we hold worth while,
Broken, twisted or scratched or bent;
Where is the idiot with his smile
Who called this cheaper than paying rent?

Shall We Use Furrow Openers?

TWO READERS' VIEWS.

[Prize Letter.]

Mr. Editor—I have used furrow openers the last two years and find them a fine thing on comparatively clean land, but on foul or grassy land it is better to use a lister or to top plant. When the furrow openers are used on weedy land the seed is dropped down with the weed seeds and they come up with the corn and sometimes before. On clean land and on stubble land that has been fall-plowed they are all right and the crop can be cultivated more easily than if it had been listed or top planted. The furrow openers are made to fit any make of planter and can be set to make any size of trench—shallow, wide or deep. In putting them on the planter raise them so the heel of the planter will be 2 inches lower than the discs so the seed will be covered to the proper depth. Don't try to run the planter with two horses unless they are big lusty ones. The furrow openers make a planter run hard and we always use four horses abreast, letting the outside one walk in the last furrow. W. L. Witten.

Fletcher, Okla.

They Cause a Heavier Draft.

[Prize Letter.]

Mr. Editor—We have had several years of experience with disc furrow openers and I consider them a great improvement over the old way of planting, but there are some mistaken ideas regarding their work. We do not use the larger size because of the greater draft and would just as soon use the lister. It often requires four horses to pull them. The medium size discs are the proper size to use, but even they require two big horses.

It is a mistake to think the planter puts the corn in much deeper by reason of the discs. It plants a little deeper, of course, but there is a little strip of ground left by the discs which the planter simply splits and mashes down, thus leaving the weed seeds right in the row. The best way to plant corn is to go ahead with a cultivator, and with one shovel on each side, make two furrows in which the planter is to follow. This puts the corn down deeper and all the weed seeds are thrown out and away from the corn row. This means more help, but a boy can drive the planter team with this method and a light team may be used on the planter. The cultivator should follow the marker on the planter. John B. Thompson.

Plattsburg, Mo.

Head Off the Corn Ear-Worm

WHAT MAY BE DONE.

Although the corn ear-worm may be best controlled by fall and winter plowing there are means of checking its spread in the spring by planting corn early where possible. Early planting reduces the percentage of ears infested as well as the percentage of grains destroyed on infested ears. If a farmer plants his corn on uninfested soil as early as possible and the crop does not suffer a setback from cold weather, which would expose it to the second or third broods of insects, he can at least avoid 40 per cent of the damage done by the corn ear-worm. So says Dr. Headlee.

The corn ear-worm spends the winter mainly in the soil of infested fields, stowed away in a burrow about 3 inches below the surface. There it stays until the corn is up and large enough to furnish it with food and from then on it and its progeny work on the corn till the ears become too hard. It may be de-

stroyed while in wintering stage by late fall plowing or early disking followed by the plow. As the moth is a good flyer this should be done by all the corn growers in a community or little good will be accomplished.

Where Serum Did Its Work

BY C. F. MOWRER.

Mr. Editor—The latter part of last July and first of August a neighbor a mile from me lost nearly all his hogs, about 50 head. Later in August another neighbor whose hog pasture adjoins mine began losing hogs and by the first week in September he had lost about 50. The latter part of August I got in touch with the livestock sanitary commissioner, Mr. Mercer, of Topeka, and he had Dr. Gingery of the Agricultural College come out and make an investigation. We killed two of my neighbor's shoats that were down and both showed unmistakable signs of cholera.

None of my hogs were sick, but the doctor advised me to vaccinate. We inoculated the entire herd except one shoat, and this one died afterward. There were 11 brood sows and 40 spring shoats in the bunch. Two of the shoats died within a week, of blood poisoning brought on by the vaccination, but this was the only ill effect of the treatment. The brood sows were within three weeks of farrowing time when vaccinated. They brought about 70 pigs and when the pigs were a week to 10 days old I turned them all out together in a lot adjoining my neighbor's but across the road and some distance from my herd of spring shoats.

In a week or two I found that some of these pigs were missing and saw that some were sick. As soon as they were down or dying the sows ate them. I opened several of the pigs, found signs of cholera and immediately took the 38 pigs remaining away from the sows. I gave the pigs some of the "government remedy" once a day in slop of shorts and milk, but I lost all except 9 of them, which are doing well now. Two of the brood sows that ate sick or dead pigs became sick and would not eat or drink for 10 days. I then got them to take the milk into which I put carbolic acid and some of the government remedy. They were soon eating and gaining in strength and now are in as good condition as ever.

All who want to, may kick on this serum proposition, but I am satisfied I would have lost practically all of my herd if I had not taken the precaution to inoculate them. I would not advise vaccinating with any other than the college serum, or serum that has been examined and pronounced O. K. by the college authorities.

R. 2, Herington, Kan.

Bluegrass For Hog PastureBY F. B. MUMFORD,
Director Missouri Experiment Station.

Mr. Editor—There is no forage so extensively and universally used for hogs as is bluegrass and yet little is known as to its true value for swine feeding. Bluegrass will supply green feed as soon as the snow is off and is among the best for early spring pasture. If not allowed to be pastured too closely by hogs it will furnish abundant nutritious feed until August 1. Under average conditions bluegrass will support from 10 to 14 shoats, weighing 70 pounds May 1, throughout the summer when supplemented with grain to the extent of 2% to 3 per cent of the weight of the hogs. The best results with bluegrass are obtained up to August, after which it usually becomes too dry for swine grazing purposes.

Oklahoma Dry-Farming Ways.

Mr. Editor—I list my land, then split the ridges and plant my corn, milo and cotton. I do not cultivate deep, but just use a sweep, keeping a mulch on top. By these methods I made feed enough last year to run several head of stock. I also had quite a crop of cotton, while many of my neighbors did not get enough to make picking worth while. I advocate shallow cultivation.

Clinton, Okla. John M. Dennis.

A warm mash in the morning, made of alfalfa meal, bran and corn meal, mixed with hot skim milk is recommended to make redder combs and bring more eggs.

Mayer HONORBIT SHOES

These shoes combine style, refinement, comfort, service and high quality. *for Men Women and Children*

Mayer Honorbilt Shoes are not only stylish looking, but dependable for wear. They are "built on honor."

The choicest leather is selected for the uppers, the soles are of special tannage, the materials and workmanship throughout high-grade. Cannot be equalled anywhere at the price. If you want the dressiest and best wearing shoes obtainable, demand Mayer Honorbilt Shoes.

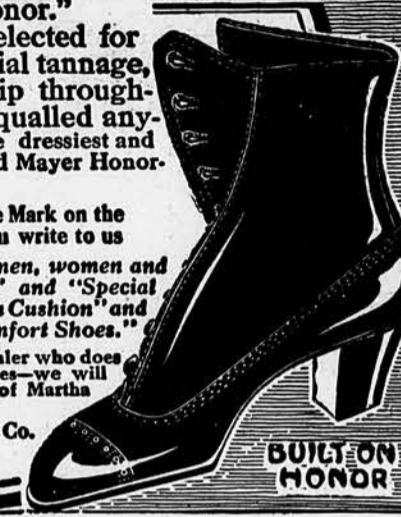
WARNING—Look for the Mayer Trade Mark on the sole—if your dealer cannot supply you write to us

We make Honorbilt Shoes for men, women and children, including "Leading Lady" and "Special Merit" brands—also Mayer "Yerma Cushion" and Mayer "Martha Washington Comfort Shoes."

FREE OFFER—Send the name of a dealer who does not handle Mayer Honorbilt Shoes—we will send free a handsome picture of Martha Washington—size 15x20.

F. Mayer Boot & Shoe Co.
Milwaukee, Wis.

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The More You Look into the tire question, the more certain you will be to insist on getting

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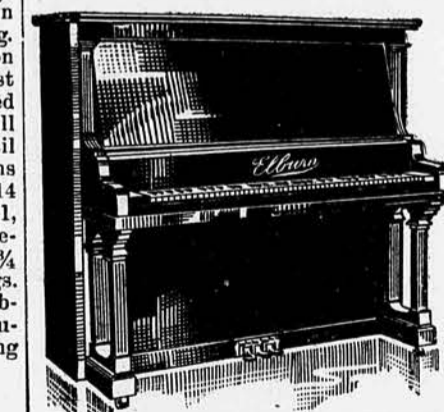
They are built extra durable to withstand extra hard service on rough roads. The fact that Firestone Tires hold the world's record for durability is proof that they are best for the hard service demanded by automobile-owning farmers.

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Write for Our Book on Tires and Rims—Free!

If you want to know how Firestone Demountable Rims do away with tire trouble delays and road repairs, and cut down tire expense, write for our Demountable Rim Book—FREE.

Cross Section View of Firestone Demountable Rim

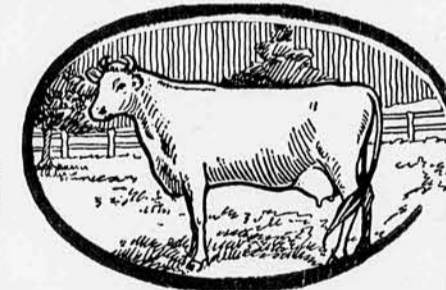



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The Best Piano Value Ever Known for Only... \$225
\$6 Monthly

Herington, Kas., May 12.
Gentlemen—Enclosed please find money order to finish paying for piano.
We are entirely satisfied with piano and with dealings with you. The piano looks and sounds as well as when we bought it and has not been tuned in the meantime.
Hoping you continued success in your business.
I am,
ALONZO FROST,
No. 259 North "D" St., Herington, Kan.

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

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



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

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

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