

THE FARMERS MAIL AND BREEZE

Volume 43

May 10, 1913

Number 9



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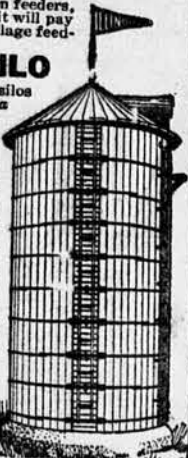
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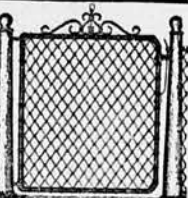
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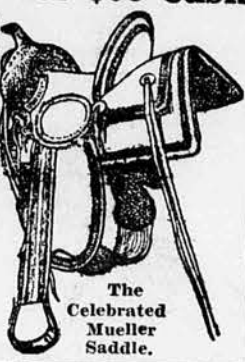
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CROPS and FARM WORK

(Crop Reporting Service of Farmers Mail and Breeze.)

The rains the first of the week did a double service. They not only boosted all vegetation but made it hard sledding for chinch bugs, which have been appearing in large numbers the last few weeks. A chinch bug can stand almost anything but a spell of damp, cool weather.

Wheat is reported as being in the boot as far north as Clay county, Kansas and Reporter Wright says the harvest will begin in that section as early as June 10 to 15. This would be two to three weeks earlier than usual.

Secretary Wellhouse of the Kansas Horticultural society reports an unusually favorable outlook for fruit of all kinds except the tenderer varieties of peaches. In east central Kansas a full peach crop is promised. Some damage is being done to foliage by canker worms and tent caterpillars. For these pests Secretary Wellhouse advises prompt spraying with lead arsenate—3 pounds of the poison to every 50 gallons of water.

KANSAS.

Kingman County—Wheat needs rain. Not much corn being planted. Kafir and milo planting will begin the coming week. Cattle and hogs are scarce. Milk cows selling high. —B. F. Shelman, May 1.

Osborne County—Corn listing in full swing. Ground in fine shape. Plenty of moisture. Wheat beginning to joint and shows a condition of about 90 per cent. The crop is free from insects. —W. F. Arnold, May 3.

Saline County—Wheat in excellent condition but must have rain soon to keep the bugs down. Plenty of bugs. Condition of wheat crop is about 95 per cent. Corn planting well under way. Cattle being taken to pastures. —G. W. Hoyt, May 2.

Scott County—Rains have put soil in fine shape for farming. Corn planting in full swing. Oat and barley acreage small. Wheat

Had a few local showers May 2. Wheat looking good. Some corn being planted. Potatoes coming up. Grass good enough for stock to do well on. Not many chinch bugs noticed yet but cutworms seem to be plentiful. Wheat 79 cents, corn 60, potatoes 85.—Mrs. Fred Claussen, May 3.

Osage County—Dry, windy weather with cold nights. Wheat uninjured by anything as yet. Cattle on pasture. A few fields of corn planted but stand will be uneven unless we get rain soon. Oats look well but small acreage out. Apple and seedling peach trees in full bloom but few budded peaches blooming. Pears and berries promise well.—H. L. Ferris, May 2.

Butler County—Dry and windy weather. Some bugs reported in wheat and oats but crops are looking well. Pastures good and stock going on them in good condition. Ground in good working condition and corn nearly all planted. Spring pig crop very light. Fat hogs \$7.80, butter fat 28 cents, eggs 14.—M. A. Harper, May 3.

Harper County—Had a little rain today but not enough to do much good. Wheat needs rain badly. Crops look good considering light rainfall. Corn coming up and Kafir being planted. Stock has been turned out to pasture. Alfalfa will be late. Many silos to be built. Corn 50 cents, wheat 80, Kafir 40, oats 45, eggs 15.—H. E. Henderson, May 3.

OKLAHOMA.

Tillman County—Nice weather and crops look well but wheat and oats need rain. A good many hogs put on market lately. New interest being taken in dairying and several farmers bought cream separators last week.—Edward F. Austin, May 3.

Hughes County—Fine weather but a little cool for cotton planting. Oats looking fine. Potatoes 6 to 8 inches high. Alfalfa nearly ready to cut. Will have few peaches but cherries will make splendid crop. Farmers surely busy but we like the spring even if it does bring work.—Albin Haskett, April 28.

Cotton County—Wheat is jointing and looking fine. Corn being worked the first time and shows a good stand. Cotton planting nearly finished. Increased acreage of Kafir put out. A good many silos being built. One firm in Walter sold 25 in one week.—Lake Rainbow, April 30.

Custer County—Fine weather for all field crops. Wheat and oats making a rapid growth. Some corn had to be replanted on account of heavy rains last month. Large

Call For Special Report

Under date of Saturday, May 17, we ask each and every crop correspondent on our staff to make a special report on the condition of winter wheat on that date. Give the facts as nearly as you can ascertain them and mail reports in time to reach this office Monday, May 19. First, is the acreage larger or smaller than last season? Second, what is the condition of the crop on the basis of 100 per cent representing a good average condition? Third, what amount has or will be abandoned, and for what reason? Fourth, what is the situation in regard to bugs and flies?

acreage small and the crop is making slow growth. Horses and cattle still up in price. —J. M. Helfrick, May 3.

Cloud County—Wheat and oats making rapid growth. Corn planting backward. Ground in fine condition. Most stock on pasture. Plenty of feed still in stacks. Silos growing in popularity. Good prospects for apples and small fruit. Some corn for sale at 56 cents.—W. H. Plumly, May 2.

Clay County—Wheat and oats growing fine. Corn ground in prime condition for planting which is in progress. In some fields wheat is in the boot which would indicate that harvest will be here June 10 to 15. Pastures in splendid condition.—H. H. Wright, May 3.

McPherson County—Wheat and oats are looking fine. Quite an acreage of corn planted. Pasture coming on in good shape. A lot of cattle already turned out and are doing well. Fine rain today. Hay \$6 to \$8, corn 52 cents, oats 32, wheat 80, eggs 16.—M. D. Waldo, May 3.

Woodson County—Cooler weather. Good rain is needed. Grass making slow growth. Apple trees blooming. Peaches show some fruit setting. Potatoes and corn coming up while some farmers are still planting corn. Oats looking well. More plowing done than usual.—E. F. Opperman, April 26.

Linn County—Had a steady rain all Saturday night followed by heavy showers Sunday. The moisture was badly needed. Bugs had been damaging wheat and oats. Corn about all planted and getting a good start. Hogs \$8.50, corn 50 to 60 cents, eggs 15.—A. M. Markley, May 5.

Pottawatomie County—Fine rain recently and ground is in good tilth. Corn planting in progress. Usual acreage of oats out and crop is looking fine. Early potatoes showing up well. Will have plenty of fruit if nothing prevents. Corn 60 cents, potatoes \$1.—S. L. Knapp, May 1.

Ford County—Fine rain falling here today. All crops, including weeds, are doing nicely. Farmers busy listing corn. First crop of alfalfa will soon be ready for the mower. Pastures short yet but cattle refuse dry feed. Wheat 78 cents, corn 50, cream 28.—John Zurbuchen, May 3.

Trego County—Fine rains and everything is nice and green. Never had better prospects for oats this time of year. Some corn coming up. Wheat showing up well. A few farmers drilling feed and millet. Lots of calves, pigs, and colts on nearly every farm. Good pasture but no stock on it.—E. L. Dean, May 2.

Russell County—Weather cool and cloudy.

acres of Kafir and milo planted. Cotton planting has begun. Alfalfa nearly ready to cut. Watermelons are up.—E. E. Baker, May 3.

Caddo County—Weather dry and windy. Wheat damaged some by dry spell following the hard packing rain of April 7. Oats still in good shape and corn shows an excellent stand. Pastures furnish good grazing. Large acreage of Kafir being planted. Hogs \$7.75, corn 53 cents, wheat 78.—S. A. Gilmore, May 3.

Grant County—Weather dry and windy. Wheat, oats and alfalfa suffering for moisture and some wheat fields badly burned. Wells going dry and farmers hauling water. Kafir planting about finished. Corn and spring sown alfalfa show a good stand. Hogs \$7.85, corn 55 cents, eggs 14.—A. C. Craighead, May 3.

Kingfisher County—Have had one light shower since the big flood of April 8. More rain now would be of benefit but all crops look well. Alfalfa nearly ready to cut. Fine prospects for wheat. Some reports of chinch bugs and green bugs but nothing serious. Most corn is up and a few farmers are cultivating.—H. A. Reynolds, May 3.

Loans Easy For German Farmers

In Germany landowners can obtain mortgage loans through a variety of special institutions for mortgage credit. At present the total outstanding loans obtained through such agencies may be estimated at approximately 2 billion dollars. The goal of a co-operative loan bank in practically every parish of the whole monarchy has now been nearly reached. There are in Germany 17,000 agricultural co-operative banks, with a total membership of more than 1½ million. In 1910 the total turnover of 14,729 such banks amounted to \$1,273,344,000. In the 16 years, 1895 to 1910, only 19 rural credit societies were involved in bankruptcy.

These figures are reported by J. R. Cahill, who has been investigating the German system for the British board of agriculture.

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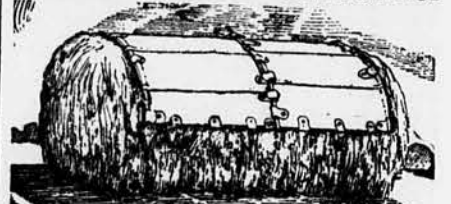
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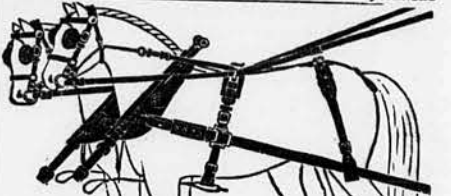
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THE FARMERS MAIL AND BREEZE

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



Volume 43
Number 9

TOPEKA, KANSAS, MAY 10, 1913.

Subscription
\$1.00 a Year

THEY'RE ACTING MUCH LIKE KANSAS FOLKS AT DAYTON

Note—Kansans and Ohioans are first cousins. Kansas was settled to a great extent by people from Ohio. Under the crushing weight of calamity with which Ohio has been afflicted by flood, certain family characteristics are cropping out at Dayton. It is seen in the neighborly spirit of rich and poor, in the voluntary sharing of hardships, in all men working indomitably together, side by side, and shoulder to shoulder in absolute equality against the common calamity. That's the Kansas way. It appealed strongly to the Kansan who saw it on every side during his brief visit to Dayton, April 26, as he made the rounds of the flood-stricken city with Ohio's governor for his guide. "Tell the people of Topeka and Kansas we shall never forget their help," said Chairman Patterson of the relief committee.

A DAY'S visit to the scene of the awful flood at Dayton, with its great piles of wreckage, its thousands of shattered homes and business houses, has convinced me that the country and the press have failed duly to appreciate the extent of Ohio's affliction. The Kansas flood of 1903 was a springtime freshet compared with this terrible disaster. How the inhabitants of Dayton escaped death must remain a mystery. Such conditions prevailed during the days when the water was at its height, that no one in Dayton would have been surprised had the death list reached 10,000.

With the federal government and the united charity of America backing its effort, the state of Ohio is bending all its energies to the rehabilitation of the flooded Ohio and Miami valleys. "An army of mercy," numbering approximately 5,000, under the direction of the Red Cross, and having at its command nearly 2 million dollars, is working today at Dayton, Hamilton, Columbus, Piqua, Zanesville and other cities, to help the impoverished "plain people" back to the normal course of self-sustaining independence. It isn't charity of the temporary, palliative sort that is being offered, but an opportunity of re-establishment, backed up with human encouragement, to strengthen them in their struggle to overcome the ruin the flood waters visited on them. They are endeavoring to correct the conditions the sufferers face—by money, where it is vital; by goods to the small merchant whose stock has been wiped out; by work for heads of families and by getting into touch with relatives and societies who have the interest of the flood's victims at heart.

Military law is still in force at Dayton and soldiers are doing police duty. The curfew still is rung and no one can go on the streets after 7 o'clock with-

The Great Calamity Has Taught Ohio a Lesson in Democracy—An Old Lesson Learned Anew.

BY ARTHUR CAPPER
Publisher of Farmers Mail and Breeze

out a permit from the commander of the state militia. Major Rhoades of the U. S. army has gone, leaving the remainder of the work of sanitation and cleaning in the hands of the city authorities.

It has been a strange experience Dayton has had these last six weeks. It is a city of 120,000 and three-fourths of its people were living in houses entered by the water. The community was stunned, then forced to grapple with strange difficulties. Except for a few suburban groceries and two or three drug stores, there was not a store in Dayton that did not have from 6 to 12 feet of water on its main floor. Except for the larger stores, using upper floors, stocks were completely ruined.

It was two weeks before there was a semblance of business. During this time food was distributed from the 50 relief stations in charge of the Red Cross society. Then a few stores swung out "Open for Business" banners, and the people came with a rush. They welcomed the chance to spend their own money, for even millionaires had stood in the bread lines. As fast as the stores were opened, they were crowded. There were flood sales from the start, in which women fought to buy water-soaked goods. The factories began running in an incredibly short time. Two of the largest, the National Cash Register company's and the Davis Sewing Machine works, were not affected by the water. In this they were almost alone among the industries of the city. Scores of other plants had men shoveling out mud before the water was back in the river channel. This gave men employment as fast as they could get back to work. With practically all of the factories running to the limit before the flood, the delay brought an accumulation of orders that insures rush work and overtime all summer for the operatives.

With everybody working, wages higher than ever known, with 90,000 people having lost part or all of their household goods and clothing, there could be no question about business. As a consequence Dayton already is a boom town, and must continue

to be the busiest city in the United States for months to come. Every merchant who has been able to get new stock has been doing every day a volume of business from 40 to 60 per cent greater than on the corresponding day last year—and this with rough board counters, emergency fixtures, and demoralized sales forces. The government's treasury department officials, sent here to help restore financial operations, told the disheartened merchants from the first they would turn their stocks more times in the next six months than they ordinarily do in five years. The first month's sales convinced many this was a correct prediction.

Re-establishment of credit was one of the first things done. It was helped by a deposit in Dayton's National banks of 2 million dollars from the national treasury, without interest, for an indefinite time, provided it was lent to reputable merchants. The state of Ohio sent 3 million from its treasury to the building and loan associations in the flooded district to use in paying depositors who needed immediate help to repair their homes. Neither banks nor building associations were hurt as much as at first thought. Every merchant of good reputation has received astonishing favors from the houses from which he buys. Many have canceled old accounts, and nearly all have extended unlimited credit for whatever is needed to restock. All citizens have been advised not to avail themselves of the bankruptcy law, and none so far has done so, though scores thought they would be compelled to.

Store rooms are being put in good condition. Thousands of carpenters, plasterers and painters are at work. Plate glass was rushed to Dayton and many windows have been bravely trimmed with attractive showings. Every possible effort has been made to make the business houses attractive. Governor Cox courageously ordered his newspaper office banked with palms and roses as soon as the water subsided to permit getting the mud off the floors. For all that can be done, the downtown district is still monstrously unsightly, but vast progress has been made. More than 4,000 men are employed on the work of rehabilitation and sanitation. Another month will see the central section nearly restored to its normal aspect.

There is still much mud and debris in the streets, although nearly 200,000 wagon loads and over 4,000 dead animals have been hauled away. Seventy-five carloads of disinfectants have been distributed. Most

(Continued on Page 7.)



Scene in East Dayton. Most of the boards and broken furniture are taken to the public dumps and burned. At McKinley park, a huge bonfire of this kind covering two city blocks, burned for days safeguarded and surrounded by fire-fighting apparatus.



Flood drift and wreckage at Fifth and Ludlow streets, Dayton. In the business district every window in the lower floors was broken and the current rushed through with such force as to sweep absolutely clean the interiors of stores and offices.

The Farmers Mail and Breeze

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SPECIAL NOTICE TO ADVERTISERS.

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



PASSING COMMENT
by
T. A. McNeal

A GOOD IDEA.

A subscriber down in Seward county, who is interested in raising broomcorn, writes concerning a plan that is being seriously considered in that section. It may not be generally known that the little town of Liberal is the greatest shipping point and market for broomcorn in the United States. Southwest Kansas and north-west Oklahoma are peculiarly adapted to the growing of broomcorn. It is not a crop that requires a great amount of rain and the generally dry climate is just the thing for the proper curing of the brush.

If the broomcorn raisers were assured of a steady market for their crop at a fair price they could make money nearly every year, but a steady market is just what they lack. Last year and the year before the price of brush was high. At one time it reached the extraordinary figure of \$200 per ton. At that price broomcorn raisers could soon get rich. But the big price really resulted in very little benefit to them for the reason that it tempted them to plant large areas in broomcorn and this season the price of brush has gone so low that it does not pay for the cost of raising and harvesting.

These wide fluctuations in price make the business uncertain and hazardous. The farmer never knows when he plants what he will be able to sell his crop for, provided he gets one. The price per ton may be \$200 or it may be \$30. If the price is anything under \$60 a ton he had better put his ground in some other crop. If on the other hand the price should go to \$80 or better he would like to have all the ground in broomcorn he can get time to cultivate. What he needs is a steady market.

The proposition that is being considered down there is a co-operative broom manufactory, or several of them in fact, perhaps one in each of several of the southwest counties. The idea pleases me and I think it is entirely practicable.

Broom making machinery is not necessarily expensive. The factory can start with very little capital, comparatively speaking. Of course more money can be expended and bigger factories built if the trade demands it, but as the people down there have not much surplus capital it will be well to start these factories in a modest way.

While the price of broomcorn in the past year has gone down to less than a fourth of what it was at high water mark the housekeeper who buys the finished product hasn't noticed any such reduction in the price of brooms, so it is evident that somewhere between the broomcorn raiser and the broom buyer somebody is making a much bigger profit than he did a year ago. It may be that this extra profit is distributed between the manufacturers and the retailers, but it is evident that the consumer isn't getting the benefit of the reduced price of broomcorn.

It is estimated that these co-operative broom making plants can work up the raw product into brooms

and sell them at a rate that will give the broomcorn raiser about \$125 per ton for his brush, which would make his crop a very profitable one. If he were sure of \$100 a ton taking one year with another broomcorn would probably beat any other crop he can raise.

Wherever it is possible to operate factories at a moderate cost, the raw product should be manufactured into the finished product where it is raised. One trouble with this western country is this: We have to pay transportation to the distant factories on our raw products and then pay the return freight to get our finished product back again.

We raise the hides and pelts, ship them more than 2,000 miles. Pay the factory owner his profit, then pay the freight on the leather shoes, gloves, etc., back here again, more than 2,000 miles. Meantime paying a profit to the wholesale house which buys from the factory, also the salaries and traveling expenses of the drummers who are sent out by the wholesalers to do business with the retailers. Then another profit to the retailer who finally sells back the finished product to the man who produced the raw material out of which the finished product was made. We raise vegetables which are shipped to canning factories, perhaps hundreds or thousands of miles away, where they are canned and sent back for us to eat after paying at least three profits on them.

I am pleased to see the farmers of southwest Kansas take hold of this. The idea is splendid. The only thing necessary to make it a success is competent management. There is the rock on which many a well conceived enterprise has foundered. Incompetent management will kill any enterprise. So it is most earnestly to be hoped that if these co-operative broom-making plants are started no mistake will be made about the management. The right manager will make a success. The wrong manager will make a botch out of it.

BIG LAND HOLDINGS IN GERMANY.

A few weeks ago I spoke of Germany as a land of small farms. A German subscriber, Mr. Krumrey, of Offerle, Kan., is inclined to dispute that statement. He says that the land holdings of the German emperor amount to 386 square miles. The land estate of Prince Bismarck amounts to about 50,000 acres. He gives the names of a number of other princes, dukes and counts of various grades who have large land holdings running from 2,000 to 5,000 acres each.

No doubt what Mr. Krumrey says is true. I was aware that among the favored classes, the royalty, and possibly among some of the very rich who do not carry titles, there are large land holders. My understanding has always been, however, that the bulk of the land in Germany is held in small tracts although not so well divided as the land in France.

The fact that the German emperor and the favored nobility of that country do hold large bodies of land is however, no argument against the small farm unless it can be shown that these vast bodies of land are better tilled and that the renters or hired men who farm these vast estates are better off than the men who own and till small farms. I am against these vast land holdings in Germany or anywhere else.

Most of the great estates in Europe were originally donated to the ancestors of these titled gentlemen. They never gave anything for what was given to them, and their titled descendants have never rendered any service either. If, as Mr. Krumrey states in his letter, the emperor of Germany owns 386 square miles of land, if that land is agricultural land, it would, if divided evenly make 6,176 farms that would be considered fair sized in that country.

I think that Germany would be better off to have 6,176 thrifty industrious German farmers and their families on that land with each farmer holding the title to his 40-acre tract than to have it all held by the German emperor. It would also be better for Germany that the 50,000 acres held by Prince Bismarck should be owned and cultivated by 1,250 farmers with their families than to have it all held by this one German prince.

WILL THEY WALL UP THE COLLEGE?

In a few days or weeks the largest and most useful agricultural college in the world may have a Chinese wall built around it.

The combination of the journalism schools of the University of Kansas and the agricultural college, the removal of the printing plants now at the schools to one, and the establishment of a state educational publicity bureau in Topeka to advertise all the schools, is said to be the plan of Governor Hodges's state board of administration.

An agricultural college with a Chinese wall about

The Farmers Mail and Breeze will be glad to have its attention called to any misleading or untrue statement, if such should appear at any time in any advertisement in its columns. Readers are requested to assist in protecting themselves and legitimate advertisers.

it would still be an agricultural college but it would be useless because it could not get its important information before the people.

It seems to be the general opinion in all quarters that Governor Hodges's educational board intends to build a Chinese wall around the agricultural college by suspending the publication of the college paper, the Kansas Industrialist, and abolishing the college printing office, a most necessary and vital adjunct of the college. These two are the direct means of communication by which the college reaches every week all parts of Kansas, and every newspaper office in the state, with four neatly printed pages of carefully prepared and seasonable farm suggestions written in the kind of language that everybody understands. There is not a daily or weekly newspaper in Kansas which does not reprint from the Industrialist some of this useful information every week, and, in this way, it is costing the state comparatively little to disseminate thoroughly this important practical knowledge.

Other agricultural colleges have similar publications through which they serve their states, but none of them compares with the little paper that comes from Manhattan because it is edited, many believe, by the best man for the job in the world. There happens to be only one Dillon and Kansas has him. For the same reason Kansas should take no chances on losing him.

Dillon is the man who instituted the class in industrial journalism at the college, something needed in technical schools the world over. You may remember the Bible story of the tower of Babel. The tower could not be finished because of the technical jargon of the workers, referred to in the Bible as a confusion of tongues. Well, Dillon is teaching Kansas boys and girls to write and talk in simple, plain terms everyone can understand, about the trades they learn at the Kansas farm school. This is being done so they can readily impart the practical information they learn to others on the farm, in the shop, or to their children. It is a training which will stand them, their associates and the state in good stead during a lifetime.

If this school were to be taken from the place where these trades are taught, and combined with the University School of Journalism at Lawrence, which trains writers for the press, would Kansas or the university gain anything by it?

Would a publicity agent at Topeka, away from the Kansas Experiment station and the college, serve the state as well as the Kansas Industrialist, published on the spot?

Would walling up the greatest farm school in existence and the most important institution in the state, by wrecking the medium of its intercourse with the people, be profitable or economical?

If these things are done the responsibility for doing them must rest with Governor Hodges. He fathered the law, appointed the board and is directing its action. It may be that Kansas, which had come to believe it had forever divorced its splendidly efficient farm school from politics, is unduly alarmed. Subsequent events will determine whether what has been so laboriously accomplished is now to be undone.

THINKS THE INTERESTS HAVE GOT US.

A Socialist brother writes somewhat complainingly that he has seen no discussion of Socialism in the last few issues of the Mail and Breeze and asks if orders have been issued from higher up to shut off discussion of that subject.

He says that recently a discussion of Socialism has been barred from the public letters to the Kansas City Star. I cannot speak for the Star but I can say that no orders of that sort have been received at this office so far as I know. The truth is I think that outside of a few publications devoted exclusively to the propagation of the doctrine of Socialism, no paper in the United States has opened its columns as freely to the discussion of this philosophy as the Mail and Breeze. Its columns will still be open as freely as heretofore, but the Socialist subscriber should remember that there are other topics to be considered as well as this which no doubt seems to him to be the most important thing in the world.

While I have printed numerous letters from Socialists I do not pretend that I have printed all of them. The brethren of that political faith are decidedly prolific with the pen or pencil. It is no uncommon thing for one of them to take his pen in hand and write me a communication covering 12 of 15 pages discussing in detail the philosophy of Socialism as he understands it. Now I think the writers of these communications are entirely sincere but their letters are simply too long for publication.

I am in favor of the fullest possible discussion of this and other theories of government. When the people who make up the general public once understand a question they are apt to arrive at a reasonably just conclusion, but unless they are thoroughly acquainted with the facts and have a clear understanding of the underlying principles of any theory they are likely to be moved by ignorance and prejudice.

How apt we are to be moved by our prejudices—most of them inherited, some of them acquired. And how hard it is to be fair in our judgment of the motives of others. Whoever attacks old customs

and old opinions has an uphill job, for he is certain to run counter to the powerful prejudices of the many and also to the selfish interests of the few who profit by the prejudices of the many.

There are those who talk about the radicalism of the masses. There is no truth in the statement. The masses are naturally ultra conservative. They are suspicious of change or the advocate of any new theory. They cling to the customs of their fathers with a marvelous tenacity and look with cold disfavor on the man who suggests to them that they ought to try a new method. They have gone on year after year doing things a certain way.

Here comes a man with a new fangled theory. He wants them to try new plans, to get out of the old ruts. Instead of welcoming him and listening to what he has to say, he is apt to be met with opposition and abuse. He is called a crank, a dreamer, an impractical theorist. They are apt not to be content with just letting him alone and giving him a fair opportunity to work out his theories and demonstrate whether there is anything in them worth while or not. They want to drive him out, suppress him as a disturber and a nuisance.

The new and useful idea lives in spite of popular opposition, not on account of popular tolerance and popular favor. For a while it grows slowly but finally demonstrates that it is a good thing and then the masses are forced to consider it and finally to understand it. When once the barrier of conservatism and prejudice is broken down they see clearly enough and then accept the new idea.

And this prejudice and intolerance isn't all on the side of the conservative masses. The man with the new idea may be himself filled with prejudice and intolerance. He becomes filled with his theme. It seems to him after a while to be the only thing worth while in the world. He believes if it were put into practice that it would revolutionize the universe, remove all wrongs and make the world a paradise.

Because others do not see things as he sees them he becomes impatient, intolerant, dogmatic. He imputes the motives of everybody who does not agree with him. He will not concede that they may be honest, that they may be at least partly right and that he on the other hand may be partly wrong. So this wall of intolerance, established custom and deep-seated prejudice stands across the road that leads to a better and juster condition of things. It is a hard wall to break down at best and then there are always those whose interest it is to keep it from being broken down.

What a blessed thing it would be if we could all come to the consideration of questions with open minds and tolerance for the opinions of our fellow men. Let the Socialist proclaim his philosophy. Give him a fair hearing. If there is truth and justice in it the world should have the advantage of it. If it is mixed with error there is no better way to destroy that error than to subject it to the white heat of publicity and full discussion.

No matter what you call yourself—Democrat, Republican, Progressive, Socialist or Prohibitionist—stand for what you think is right, but always with a kindly tolerance for the opinion of the other fellow. Get his argument, his viewpoint and study it with as much care as you study your own. Maybe you will discover that he is right and you are wrong, or what is more likely, that you are both partly right and partly wrong. Criticize, but do it fairly and without temper and when you are criticized take it with good nature.

There are four great obstacles to human progress, to human betterment. They are human selfishness, human intolerance, human ignorance and bigotry.

I notice that my sad-faced friend and fellow traveler through this vale of tears, Sam Seaton, executive clerk in the governor's office and head of the governor's publicity department, occasionally takes a shot at the head of this department.

For a man who carries about continually the look of unutterable woe that Sam lugs about from day to day he adds quite a good deal to the general fund of gayety of the world. For a small, consumptive appearing man he emits a considerable amount of super heated atmosphere otherwise known as hot air.

Sam takes exceptions to some mild criticisms in these columns of the recent legislature. He does not specify wherein any injustice has been done the legislature but he takes exceptions just the same.

I stated that the recent legislature had convened with a promise to reduce taxes; to lessen appropriations; to make fewer laws; to abolish offices and reduce the expenses of operating the government of the state. I said that instead of redeeming this promise the appropriations had been greatly increased over the appropriations made by any previous legislature; that instead of reducing taxes, taxes have been increased; instead of doing away with offices more fat paying jobs have been created than ever were created at any previous session; that instead of making fewer laws more new laws have been placed on the statute books of the state than were ever before added by a Kansas legislature.

Of course none of these things can be denied and my sad-faced friend is up against a hard proposition in trying to prove that promises have been kept when everybody knows they have not been. It seems to me that the better plan would have been to come out frankly and say, "Yes, we made certain

promises about reducing appropriations before the election and meant to do it, but discovered when it came to the test that we could not do what we had promised. We said that the previous administration had been wasteful and extravagant and meant it, but discovered when we investigated the facts that we had been mistaken."

That, it seems to me would have been the manly and fair thing to do, but it is contrary to the usual policy of the politician. As a rule the spokesman for the party that is out of power heaps unmeasured abuse on the party that is in power. The people are told that the party in power has been corrupt, wildly extravagant and inefficient and that the only remedy is to put that party out and put the party of the spokesman in.

Sometimes the people listen to this sort of talk and make the change. Then comes the test of the fairness of the victors. If there really has been corruption and extravagance and graft, the change is a good thing, but it frequently happens as in the case of Kansas, that the administration that has been in power has not been corrupt or inefficient. In that case the new administration finds that it cannot reduce expenses but probably has to increase them.

I do not and have not charged that the recent legislature was corrupt or extravagant. I do not think it was a corrupt legislature at all. I do not say that the increased appropriations were not necessary. I do not know whether they were or not.

The state of Kansas is a growing state. It has established a large number of charitable and educational institutions. The needs of these institutions will continue to grow and the institutions will ask for greater appropriations. No matter what political party is in control of the legislature two years from now the appropriations will in all probability be as large and maybe larger than the appropriations made last winter.

Some of these institutions in my opinion should never have been established, or at least should never have been taken charge of by the state. The University, Agricultural college and State Normal should have been grouped together under the head of one great university with its various departments teaching all the things that are now taught at the various state schools. That would have prevented expensive duplication of studies and departments made necessary now by the fact that we have separate institutions.

I was formerly of the opinion that all our state charitable institutions should be grouped together also, but I am coming to believe that would be a mistake. I now believe that it is not well to gather the unfortunates of all classes together. But whether the scattering of our state institutions was wise or not they have been scattered and cannot now be gathered together.

So far as the educational institutions are concerned the people are faced with the alternative of granting larger and larger appropriations to sustain them, or of saying they shall not continue to grow, which would mean that they would probably go backward.

So let us all try once to be fair. Let my woe-saturated friend, Sam Seaton, possess his soul in patience. To attempt to explain away the increased appropriations is futile. To try to make the people believe that one board is going to save half a million dollars and other boards several hundred thousand dollars each is so absurd that it only causes a smile.

TROUBLE WITH JAPAN.

California legislature has passed the land act that is intended to bar out the Japanese. At this writing it has not been signed by Governor Johnson, but it will be.

Then comes the question, What will Japan do about it? That it will result in a war with Japan I do not believe for two or three reasons, one of which is that Japan is not in condition to finance a war with the United States which would be certain to be tremendously expensive. The people of Japan, which is a poor nation, financially speaking, are already taxed to the limit of their ability to pay. A war with this nation would add vastly greater burdens than they have already.

Another reason why Japan will not declare war against the United States is because the Japs realize that such a war undertaken on account of the wrongs done the Japanese inhabitants of California, instead of helping them would mean the destruction of their property and probably their bodily harm.

So I do not look for war with Japan. If we were rid of the Philippines I would not think that there would be even a remote possibility of a war. The

Philippines are a source of constant danger and expense to this country. If I had my way about it I would make a deal with Japan and let her have them. If it is urged that we have no moral right to trade off a people, it can certainly be answered that we have as much right to trade them off as we had to buy them in the first place.

If I believed the inhabitants of the Philippine islands capable of maintaining a stable government I would say to turn them loose and come away from there, but I fear that such a move would result in a condition similar to that prevailing in Mexico today, where no man's life or property is safe and where pillage and anarchy have succeeded safety and orderly government.

If we assume a protectorate over the islands we would be in just about as bad fix as we are now so far as danger of complications with Japan or other oriental nations is concerned. It might be like jumping from the frying pan into the fire. We would not have the power to conduct the government but would have to assume the responsibility for misgovernment. So as the least of all the evils I would make the deal with Japan.

So far as the Japs in California are concerned, while I do not know anything about them from personal contact and experience, I do not believe half the stories that are circulated about them.

It is generally acknowledged even by their most violent enemies that they are a most industrious and thrifty race. They were good farmers in Japan and are good farmers in California. They work hard, raise good crops and save their money. Now I do not believe that a race of people who are industrious and thrifty can be such a very bad lot. As a rule that kind of people attend to their own business and if they are fairly treated deal fairly with their neighbors.

I think the fact is that most of this howl about the Japanese grows out of an unjust and unreasonable race hatred and prejudice and there is nothing more cruel, unreasonable and intolerant than race prejudice.

A generation ago this race prejudice was directed against the Chinese. The Japs at that time were so few that they cut little figure in California. The inoffensive Chinamen were mobbed, beaten and murdered without mercy. In order to inflame the minds of the mob, utterly absurd stories were circulated about the atrocities practiced by these Chinamen. A most stringent law was enacted by congress forbidding the importation of Chinese.

As the years have passed the people of California have changed their minds concerning the Chinese. Secretly or openly a majority of the citizens of California would be glad to see the exclusion act either repealed entirely or at least modified to the extent of permitting a limited number of Chinese to come in. If the Japs are driven out of the state the time will come when the sentiment will change concerning them.

I am very well aware that just now it is not popular to say anything in favor of Japs, but I have no hesitancy in saying that I have no sympathy with those who want to drive them away from their homes and deprive them of their property. I have no sympathy with the jingoes in congress or out of congress who are howling for war with Japan.

THE TARIFF BILL.

It is not certain what the senate will do to the Underwood bill when it reaches that body, but with the influence of the president back of it I think it will go through the senate substantially as it passes the house. The senators from the sugar and wool states may be able to get some changes in the interest of their pet industries but I rather look for the president to have his way.

What the effect of the bill will be on business cannot be told until it has been tried. It is reasonable to suppose however, that at least until the business of the country can adjust itself to the changed conditions brought about by the new tariff law, there will be a slowing down.

It may be that a good deal of labor will be thrown out of employment at least temporarily. That will mean hard times and while there may be those who would welcome hard times for political reasons the masses of the people do not want hard times.

This congress has it in its power to bring about a condition that will not only offset any bad effect of the tariff so far as business is concerned, but that will bring about better times than this country has ever seen before.

There is now piled up in the vaults of the treasury 1 1/4 billions of dollars worth of gold coin and gold bullion. Based upon that gold let the government issue 5 billion dollars in non-interest-bearing government notes to be lent to farmers' organizations and municipalities, the loans to be secured by the bonds of the organizations and municipalities at a rate of interest sufficient to pay the cost of issuing and distributing the currency.

Also enlarge the facilities of the postal banks so as to permit them to be not only banks of deposit but banks through which loans may be made to laboring people desiring to buy or build homes.

If this were done there would be such a revival in business as has never been seen in this country and the Democratic party would get the political benefit that would come from it.

If we are to make any discriminations in enforcing the laws, would it not be better to discriminate in favor of the poor fellow at the bottom of the ladder instead of the man way-up with plenty of money? However the man at the bottom is not asking favors, he will be satisfied with a square deal. —ARTHUR CAPPER.

Ways=Means=Results

Worked Out by Mail and Breeze Readers

Use a Chute When Loading Stock

Mr. Editor—A convenient and easy way to handle hogs is with a chute built on a pair of McCormick binder trucks. The frame should be of 2 by 6 planking nailed and bolted together. Lay the floor crossways so the animals can get up without slipping. The chute is mounted with the wheels under the front or high side. Such a chute will do for my loading both hogs and cattle. Bremen, Kan. Otto Linkugel.

Shocking Hay a Waste of Labor

Mr. Editor—We all know that the important point in making good alfalfa hay is not to let it lie out in the sun and bleach. I rake after the mower about the time the hay is half dry, then bunch it up in the swath with the rake. I stack it before it is quite dry, and in this way my hay is bright and all the leaves are saved. By shocking hay, letting it stand one to three days, then bucking to the stack, or forking it on and off a wagon, you lose a large portion of the leaves. I believe shocking hay is labor wasted unless you have shock covers. Belvue, Kan. William Littlefield.

Field Records Show Up Faults

Mr. Editor—We find it profitable every spring to make a plat of the farm, outlining each field and pasture. It enables one to do some intelligent planning, also to keep records that will prove valuable later on. Write on the plat the date of planting, method of planting, kind of seed used. Later record the number and dates of cultivations, also the time of harvest and yield. By comparing charts of this kind, made every year, one will be able to correct faults and profit by past experience. Such a plan will systematize your work and put you on a business basis with your farm work. Topeka, Kan. John C. Snyder.

Corn the "Back East" Way

Mr. Editor—We get best results with our Ohio soil by rotating corn with wheat and clover. Where the soil is a little sandy it pays to plow for corn and oats in the fall or early winter, going about 8 inches deep. In the spring we double disk and harrow the ground. We drill our corn 12 inches apart and cut the crop with a shocker. I harrow my corn two or three times before it is up. This kills all weed and grass seed and it is easy to keep the ground clean after that. However, we cultivate often. I had one field last year that made 75 bushels per acre. Another made only 50 bushels. It was planted late and I did not get a good stand because of poor seed. L. E. Reid. Route 4, Kenton, O.

Blasting Best For Hardpan

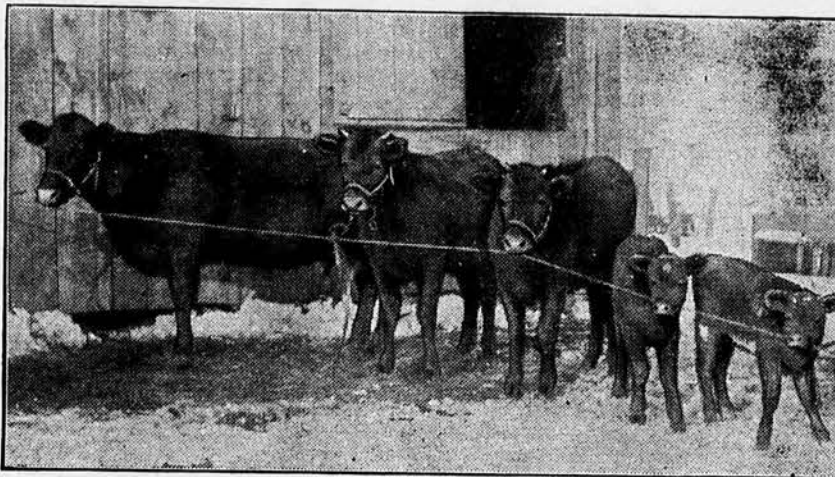
Mr. Editor—W. E. B. of Pratt, Kan., will find the use of dynamite a satisfactory solution of his hardpan problem. I have tried it. With a 1½-inch auger I bore holes to within 6 inches of the bottom of the hardpan. In Sumner and Harper counties this is from 3 to 6 feet. The holes are spaced 12 to 15 feet apart each way and every one is charged with half a stick of "red cross extra," 20 per cent strength. For extremely hard and deep places the 40 per cent strength is best. Use a good, strong detonator such as the DuPont red label No. 6 blasting cap. After the holes are charged they should be tamped full of dry earth. The first 4 to 6 inches should not be tamped too hard for fear of exploding the shot, but above this the earth may be tamped hard. I recommend these brands simply because I have been using them. Argonia, Kan. Guy Harp.

A Grade Jersey's Pairs of Twins

A 7-year-old grade Jersey cow with 8 calves to her credit, the last four two pairs of twins, dropped one year apart, is owned by Harry Givens of Madison, Greenwood county. A picture of the

cow and her twin calves is shown elsewhere on this page. The last pair of twins arrived January 30 of this year on the anniversary of the arrival of the first pair. Of the last two, one is a bull. The two yearlings are heifers and were sired by a purebred Jersey.

Mr. Givens writes the Mail and Breeze: "While this cow is giving more than 5 gallons of milk a day the picture doesn't do her justice, as it does not show her fine udder. I milk her at 7 o'clock each time, never varying 10 minutes, and I find it pays. I never feed grain at time of milking, but directly after. By this means they all stand quietly during the milking, but



A Kansas grade Jersey cow and her two pairs of twin calves dropped just one year apart. The cow is owned by Harry Givens, a Greenwood county reader of the Mail and Breeze. Not only is she rearing twins each year but last year for nine months gave 45 pounds of milk per day. Her winter ration is alfalfa and prairie hay, corn chop, bran, and oilmeal.

seem to know when the last one is milked, as then they begin to ask for feed."

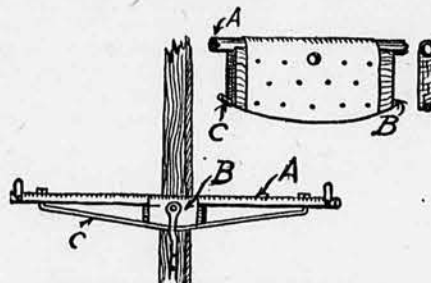
Working Corn For Top Yields

Mr. Editor—I plant corn about 2 inches deep, but not until the ground is warm, usually from May 10 to 15. The edge-drop planter is hard to beat. The difference in price between a poor and a good planter can be made up on a few acres. If a heavy rain follows soon after planting harrow the field just about the time the plants are due to break through the ground. This working breaks up the crust and all the sprouts will come through. When the corn is small and the ground not too wet the harrow is hard to beat as a corn-working tool. But there is not much to say for the harrow on wet ground. I begin cultivating as soon as the plants are large enough and go over the crop after every hard rain, as the ground will stand working. For the last time over I think the disk is better than the shovel plow when not set too deeply. Two years ago I tried the plan of dragging heavy planter wheels through the rows about a week after the corn was laid

by. I don't know that this made any difference in yield, but it killed the grass between the rows. A. G. Valentine. Route 2, Effingham, Kan.

Four-Horse Evener For Wagon

Mr. Editor—A recent issue of the Mail and Breeze contained a diagram of a 4-horse evener for a wagon. I have an evener possessing at least two advantages over that one. A is a 1½-inch gas pipe 5 feet 10 inches long, with a hole 7 inches from each end for brace rod, and two more holes 1½ inches from each end for double tree clevises. B is an oak block 18 inches long, 5 inches wide and about 2 inches thick. One edge is hollowed out for the main tree and the other is rounded off to conform with the brace rod. Holes are drilled into the pipe near the center and nails driven through them into the block. C



Explanatory Sketch of Evener.

last thing is to cover the pipe, block and all with a plate of iron bent over it and bolted or screwed down. Small doubletrees must be used. If made right this evener will pull a 3-ton load through mud holes or up a 30 per cent grade. There are no square corners, everything works freely, and there is no chance of either team shirking. Freedom, Okla. Charles Fredericks.

Let Us Have Your Answer

Let the Mail and Breeze have your answer to any one of these questions. Or—if you'd rather—write on any other farm or livestock topic that interests you at this particular time:

What do you do to make the hogs comfortable during hot weather? How do you rid them of lice?

When do you think will be the best time to sell grass beef this season?

Have you a market that pays more for butter than for butterfat? In which form is it more profitable for you to dispose of the milk?

Which do you find cheaper, or more advisable, shock or stack threshing?

How are you going to handle corn after "laying by" time this year? What device have you found best for cultivating corn after it is too large to handle with the regular cultivator?

In fact, there is no experience which has or may come up in your farming that the Mail and Breeze would not be glad to have you report on for its columns and the benefit of the Mail and Breeze family in general. The usual rewards for good letters especially those that will help the other fellow.

Good Way to Hang a Hay Door

Mr. Editor—I note the inquiry concerning the hanging of hay doors. One way of hanging a door to make it safe, lasting and easy to handle is to get a pair of malleable iron hinges and put them on the bottom of the door. Have the blacksmith make a spreader of rods, or a light chain, with a ring in the center and an eyebolt at each end. Put the eyebolts in the door, one on each side, where the door takes the slope of the rafters. Then hook a sling pulley in the ring and pull it up by hand or, better still, hitch a team to it. Then you have it where it will stay until lowered again. I have built a number of barns and this arrangement has always proven satisfactory. Pratt, Kan. S. J. Bloxon.

Open Furrows Collect Rain

Mr. Editor—I list my corn ground in the winter, then split the ridges in planting. I harrow the corn after each rain until it is 6 or 7 inches high, when I throw out the dirt with a disk cultivator. Three or four days later I harrow again. After that the 6-shovel cultivator is used until the corn is too big to work. I am not in a hurry to fill up the lister furrows. When the crop is too large to work with a team I use some kind of tool to keep the surface loose, running it no more than 1 or 2 inches deep. By these methods I raised a good corn crop last year when other fields were badly damaged because the furrows were filled too soon, the light rains doing the corn no good. J. C. Brolhier.

New Ulysses, Kan.

Training a Colt to Work

Mr. Editor—I believe in breaking a colt to the halter while young. First teach it to lead and stand tied. Some time before breaking it to work fasten a bit to the halter and turn the colt loose with the bit in his mouth. Leave bridle and bit on for two or three weeks until the colt is accustomed to it. This way a colt can take its own time to learn to eat and drink with a bit. In breaking a colt, tie him beside a gentle horse on trips to town. Later put the harness on for two or three trips. Finally hitch the colt up with the other horse and he will hardly know the difference. Never do this, however, when the roads are slippery or soft. I have never spoiled a colt with my method of breaking. Bartlett, Kan. R. B. Williams.

MORE THAN EVER

Increased Capacity for Mental Labor Since Leaving Off Coffee.

Many former coffee drinkers who have mental work to perform, day after day, have found a better capacity and greater endurance by using Postum instead of coffee. An Ills. woman writes:

"I had drank coffee for about twenty years, and finally had what the doctor called 'coffee heart.' I was nervous and extremely despondent; had little mental or physical strength left, had kidney trouble and constipation.

"The first noticeable benefit derived from the change from coffee to Postum was the natural action of the kidneys and bowels. In two weeks my heart action was greatly improved and my nerves steady.

"Then I became less despondent, and the desire to be active again showed proof of renewed physical and mental strength.

"I am steadily gaining in physical strength and brain power. I formerly did mental work and had to give it up on account of coffee, but since using Postum I am doing hard mental labor with less fatigue than ever before."

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

Postum now comes in new, concentrated form called Instant Postum. It is regular Postum so processed at the factory that only the soluble portions are retained.

A spoonful of Instant Postum with hot water, and sugar and cream to taste, produce instantly a delicious beverage.

Write for the little book, "The Road to Wellville".

"There's a Reason" for Postum.

Acting Much Like Kansas Folks

(Continued from Page 3.)

of the boards, broken furniture and the like, were taken to the public dumps and burned. At McKinley Park, devastated by the flood, there was for days a huge bonfire covering two city blocks, safeguarded and surrounded by fire fighting apparatus. Until the present week the cleaning has been under the direction of the relief committee, appointed by Governor Cox, while the city government temporarily was out of business. Next week it will be turned over to the emergency public service commission, called into being last Monday by the legislature. This compels the appointment by the mayor of a commission of five, of whom one must be the present service director. The others must be recommended by John H. Patterson, or rather by the state relief commission, of which Mr. Patterson is the member from Dayton and chairman.

The work of cleaning has been hampered by the opening of the saloons. They had been closed for four weeks. Ten days ago they were opened, but were permitted to run only in the daytime. Four thousand men had been employed on the cleaning work, many imported from Chicago and other cities. They became drunk by scores, and hundreds left the city. A hundred or two of the Chicago contingent, made worthless by liquor, were marched to the depot Tuesday afternoon and sent home. A pressing appeal has been made to the governor to again close the saloons. What a commentary on any business that it must cease when a community is in great stress, and then to think that a great state like Ohio actually licenses such a business!

Since most of the cellars and yards have been cleaned, more rapid progress is now being made in clearing the streets. It is thought another week will see an end of the mud-piles, and the streets may be washed, freeing the people from the alternate plagues of slime and dust. In spite of bad conditions, the rigid military discipline enforced by Major Thomas L. Rhoades, has prevented sickness. There are 50 per cent fewer cases of illness than there were before the flood.

Work has begun with a rush on the repair and rebuilding of the 1,000 or more houses destroyed or partially wrecked. Hundreds of carpenters have been brought to Dayton from other cities. By fall it is predicted by contractors there will be little or no trace of the flood. Already yards have been resodded and new shrubbery set out.

Plans are well under way for rebuilding the two blocks of business houses which were destroyed by fire. In every instance, the new building will be better and bigger than the old structure. In addition work on a number of other buildings is to be started as soon as possible, including two new office buildings which were ready for the contractors before the flood. A new million dollar hotel will shortly be begun, no change having been made in the plans which were practically complete two months ago.

Immediate attention is to be given the broken levees, in which only the bad breaks have been stopped. The river channel, badly choked before, is in worse condition now. It is estimated that between levee washing and the filling of the bed, the levees will carry 5 feet less water than formerly. By fall it is expected to have the levees back to their old condition.

In the meantime the federal government is giving attention to the improvement of the Great Miami from source to mouth. A party of war department engineers has surveyed the district. Chairman Patterson is insistent that the government afford protection to the people of the valley. "It is a navigable stream," he has told every representative of the federal government who has been here, "It is the government's own river and the government should take care of it. It can do in 52 weeks what it would take us 52 years to do." At the same

(Continued on Page 8.)

No-Rim-Cut Tires 10% Oversize

Our 11% Reduction

On April 1st, we reduced our prices on No-Rim-Cut tires 11 per cent, on the average.

This was partly due to lower cost of rubber, partly to multiplied output.

Rubber Prices

Cultivated rubber is becoming so plentiful as to force down the price of Para.

For the twelve months ending March 31st, we paid on the average \$1.09 per pound. On March 31st, the price of rubber was 89 cents per pound.

On the other hand, fabrics, in the same time, advanced 15 per cent. Labor cost materially advanced.

So, on tires in general, lower cost of rubber has led to no large reduction.

Factory Cost

But Goodyear sales have doubled over and over. Immense new factories have been completed, with the most modern equipment.

Our output is the largest in the world. In motor tires it is nearly ten times larger than three years ago.

It was this multiplied output, in main part, which justified our 11 per cent reduction.

Our Profits

At the end of each year we advertise our profits. This is to assure you that in Goodyear tires you get all the value possible.

In times past this profit has averaged about 8½ per cent. And this reduction, in our opinion, keeps it that low this year.

Under this policy, and with our vast output, it will never be possible to sell equal tires for less than Goodyear prices.

Cost Per Mile

There will always be tires selling under Goodyears, until all learn that lesser tires don't pay. Tires can be made at half the Goodyear cost, by the use of cheap compositions.

Our policy is always to give you every cent we save. To keep our profits down to 8½ per cent.

That is one reason why Good-year tires far outsell all others.

But we shall see that you never, in any tire, get lower cost per mile. And that's the only right way to figure. We shall never offer, at any price, less than the utmost in a tire.

No Extra Cost

No-Rim-Cut tires, since this reduction, cost no more than any standard make of clinchers.

These tires never rim-cut. And 23 per cent of all old-type tires are ruined in that way.

In air capacity, No-Rim-Cut tires are 10 per cent larger than clinchers. And that, with the average car, adds 25 per cent to the tire mileage.

Yet these new-type tires, with all their advantages, cost no more than old-type tires without them. That's why hundreds of thousands of motor car owners have come to No-Rim-Cut tires.

Your tire upkeep will be immensely lowered when you adopt them, too.

Write for the Good-year Tire Book—14th-year edition. It tells all known ways to economize on tires.

GOOD YEAR

AKRON, OHIO

No-Rim-Cut Tires

With or Without Non-Skid Treads

THE GOODYEAR TIRE & RUBBER COMPANY, AKRON, OHIO

Branches and Agencies in 103 Principal Cities

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

Main Canadian Office, Toronto, Ont.—Canadian Factory, Bowmanville, Ont.

(1129)

Save 25 Per Cent of your premium on Hail Insurance

Compare Companies:

We save on rates BECAUSE we save on expense
Expense \$66,716 Loss \$35,158 6 Kansas Cos.
Expense \$55,818 Loss \$194,968 WASECA Co.

Figures given are taken from sworn statements of Companies for the season of 1912	Losses Paid in 1912	Expenses Paid, 1912	Percentage expense to losses paid
Union Mutual Hail, Wichita, Kansas	\$ 15,762	\$ 24,286	\$ 1.54
Central National Mutual, Topeka, Kansas	5,644	14,135	2.50
Kansas Mutual Hail, Sterling, Kansas	2,432	7,376	2.98
Home Mutual Hail, Wichita, Kansas	2,790	6,192	2.21
Grain Growers Hail, Topeka, Kansas	5,000	9,000	1.80
Harvesters Mutual Hail, Osage City, Kansas	2,130	5,747	2.69
State Farmers Mutual Hail, Waseca, Minn.	194,967	55,818	.29

Jan. 1, 1913, all six Kansas Cos. had but \$22,000 in cash assets combined. Jan. 1, 1913, the Waseca Co. had \$165,521 in cash assets and \$351,234 in additional assets, our total net assets being \$516,755. 1-4 cheaper, yet incomparably Better and Safer Insurance.

The Waseca Company is the oldest and strongest hail company in the United States. In eighteen years it has never pro-rated a loss. We have paid over \$80,000 in losses to Kansas Farmers (send for list) and will pay \$1,000 for proof that a single loss was not paid in full as adjusted. In disastrous years we pay while others pre-rate.

SPECIAL NOTICE.—Losses this year will be paid in cash in full at time of adjustment immediately following the storm the same as by Stock Companies. Our rates are the cash rates of the Stock Companies in your county less one-fourth or 25 per cent. Insure today before your neighbor secures the preference, as we write but \$1600 in a section. Cut out and mail application at once.

This Company is absolutely dependable.—Farmers Nat'l Bank, Waseca, Minn.

Your Premium will be returned at once if Policy is not satisfactory

Application for Hail Insurance

State Farmers Mutual Hail Ins. Co., Waseca, Minn.

I hereby apply for membership and indemnity in accordance with the by-laws and rules of the Company against loss or damage of the following described crops by hail, commencing with issuance of policy and ending September 15, 1913.

\$..... on..... acres of wheat on S..... T..... R.....

\$..... on..... acres of..... on S..... T..... R.....

\$..... Total Ins. all situated in..... Co.,

Kansas, and diagrammed as follows:

Sec..... Sec.....

Twp..... Twp.....

Rge..... Rge.....

I enclose herewith \$..... in full payment

of premium, being three-fourths of the rate charged by

capital stock Ins. Cos. in this county.

It is understood that upon receipt of the policy if it is

not satisfactory to me in every respect that I may at once

return same to the Company by registered mail in which

case this premium remittance will be returned to me in

full.

Name..... P.O..... Kans.

Use pencil and mail TODAY to State Farmers Mutual

Hail Ins. Co., Waseca, Minnesota

WHOLESALE AND RETAIL PROFIT SAVED
Freight Paid On The Celebrated

CENTURY MFG. CO.'S Rubber Roofing

Indestructible by Heat, Cold, Sun or Rain
WARRANTED FOR 25 YEARS

1-Ply, 35 lbs. 108 square feet, \$1.10 per roll.
2-Ply, 45 lbs. 108 square feet, 1.30 per roll.
3-Ply, 55 lbs. 108 square feet, 1.50 per roll.

Delivered Free to any station east of Rocky Mountains except Tex., Okla., Colo., N.D., S. D., Wyo., Mont., N.M., La., Ga., Ala., Miss. and Fla., on orders of three rolls or more. Special prices to these States on request. Satisfaction Guaranteed. Reference—Southern Illinois Nat'l Bank.

Write us for **FREE SAMPLES** or order direct from this advertisement. Terms Cash. Address,
CENTURY MANUFACTURING CO.,
DEPT. 321, East St. Louis, Illinois, or
DEPT. 321, 6 East 11th St., Kansas City, Mo.

The Jayhawk HAYING TOOLS.

MADE OF
Wood or Galvanized Steel

Send for Free Catalog
F. WYATT MFG. CO.
Salina, Kan.
106 N. 5th Street.

Also a full line of implements on which we can save you money. Write for Big Free Bargain Book.

FITZ OVERALLS

Give that air of prosperity necessary to success.
Get a pair and identify yourself with SUCCESS.

BURNHAM-MUNGER-ROOT DRY GOODS CO.
Kansas City, Mo.

The CLIPPER

There are three things that destroy your lawns—Dandelions, Buck Plantain, and Crab Grass. In one season the Clipper will drive them all out. Your dealer should have them—he has not, drop us a line and we will send circulars and prices.

Clipper Lawn Mower Co.
Box 10, Dixon, Ill.

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. This beautiful useful knife will be sent you **FREE**, postpaid, for securing only four 3-months subscriptions to the Mail and Breeze at the regular rate of 25 cents or we will send you our paper one year for \$1.10 and the knife free as premium. We guarantee the knife and will return your money if you are not satisfied. We know you will like it as we have given away hundreds and have never had a complaint. This illustration is one-half actual size. Write today.

MAIL AND BREEZE
Topeka, Kansas

Acting Much Like Kansas Folks

(Continued from Page 7.)

time Mr. Patterson is reassuring the people that it is extremely unlikely there will ever be another such flood. "It was a combination of circumstances, of atmospheric conditions," he says, "that probably never occurred before. It has been 5,000 years since Noah's flood and it will probably be that long before Dayton has another deluge." The rainfall for the four days, March 22 to 25 inclusive, was enormous. It was 10 inches all along the valley and more than 11 inches in Logan county at the headwaters of the Miami.

Revised estimates of the financial loss vary almost as widely as they did at first. A survey by a company of bankers and real estate men resulted in an estimated total loss of 128 million dollars including 50 million dollars for depreciation of real estate. Probably the estimates are all too high. The estimate of mercantile losses by Secretary F. W. Tansher, of the chamber of commerce, is 12 million dollars.

In the business district every window on the lower floors of every building was broken, and the current of the flood passed through with such force as to sweep absolutely clean the interiors of the stores and offices. Such was the force of the water that a great stone lion, twice life-size and mounted on a great square granite pedestal, was toppled over and left lying on its side in the mud. The asphalt and concrete pavements of the streets were torn up in great strips and blocks, whirled into heaps and carried into the interior of buildings, smashing everything in their path.

One of the most serious losses is that of the public library which lost 50,000 books, half of its volumes. The monetary loss is placed at \$10,000, but thousands of the books, including about all the newspaper files in the city, cannot be replaced. There has never been a more disastrous library loss in the country it is said, unless it may be that of the state library of New York in the Albany capitol fire.

The flood's dead in the city of Dayton stands at 90. There is still a list of missing of 50 or more. It is thought some bodies were washed away and can never be recovered. In the state of Ohio the death loss is approximately 475, with 5,100 homes destroyed and 52,000 persons homeless.

Relief work is now confined to the Red Cross, which has distributed aid to 5,000 families, most of them having received an average of \$25 each. On the morning I was in Dayton, April 26, I saw 200 people standing in front of the Red Cross headquarters at the Y. M. C. A., building waiting for aid. More is still to be given to help impoverished families begin housekeeping. In all about \$400,000 in relief funds will be used in Dayton.

Mr. Patterson said to me: "I want you to tell the people of Topeka and Kansas that we shall never forget their help. It is a beautiful tribute to the American people when one city comes to the relief of another, sorely afflicted, with the promptness and wholeheartedness with which the city of Topeka and the people of Kansas answered the call of Dayton's distress. I want to thank the Daily Capital and Mail and Breeze for their splendid help in collecting and forwarding, through the Red Cross society, subscriptions for more than \$2,000. The words of cheer and encouragement received from Kansas have lightened the gloom that surrounded us."

Throughout the entire experience the greatest possible courage and determination has been shown. The people have attacked their appalling problem with amazing energy and everywhere there is expressed no sentiment but that of hopefulness, optimism and mutual helpfulness.

I found the havoc of the flood was not wholly a curse. It taught the people a new lesson in democracy—an old

lesson learned anew. One touch of disaster does a great deal to level humanity and resurrect the common sense and spirit of neighborliness that are characteristic of the American people.

In getting back to a working basis, Dayton played no favorites. It was realized that the little fellow was as much of a necessity as the big fellow. So the law was arbitrarily made and enforced that prevented money or pull from having any advantage. Even handed American justice prevailed; all progressed alike—rather than a few at the expense of the many. This spirit of equity, fair play and absolute democracy was what brought such marvelous order out of such awful chaos. It filled every man with a zeal to do his utmost, knowing that what he did was going to help the community as a whole, rather than a few of the community or himself alone. And when the word went out that everything was being done on the level in the stricken city, thousands of business men and laborers from neighboring cities and towns not so badly damaged, went to Dayton and gave their services freely without price.

Dayton has been no place for gentlemanly idlers. Without authority of legislative act, the city established a maximum wage scale of \$3 a day for those engaged in the work of reconstruction. No laborer is permitted to charge more than the maximum wage, and no employer of labor is permitted to pay more. This prevented the price of labor going so high that only the very rich could afford to employ help to get their establishments in operation. It also prevented those who were able to pay fabulous prices from securing an undue advantage over the merchant, manufacturer or householder of modest means. Rules of conduct were fixed for rich and poor alike. The looter, the loafer, the exploiter of others' misfortunes and the curiosity seeker were not tolerated a moment. The conscienceless shark who by some chance had secured a supply of food or clothing and attempted to boost prices on those who had lost all, witnessed the forcible seizure and distribution of his goods by an indignant populace—an ominous warning to exploiters of the common people everywhere.

Arthur Capper

Farm Meats Not Inspected

Many persons do not know that the government's meat inspection is limited to the establishments that are engaged in interstate or foreign commerce, and does not include meats slaughtered or dressed by farmers on the farm or by retail butchers and dealers supplying their own customers. The federal government is powerless to exercise any supervision where meat is slaughtered, prepared and consumed entirely within a single state.

Animals at packing houses are inspected before and after slaughter. The first inspection is made in the yards to detect contagious diseases. When an animal appears to be unhealthy, or unsound, it is tagged with a numbered metal tag bearing the words, "U. S. Suspect". When killed it is slaughtered separately from the others. On the slightest indication of disease the carcass is sent to a special room for careful and thorough examination. Carcasses, or parts, found to be diseased or unwholesome, are marked, "U. S. Condemned" and are rendered into grease or fertilizer. Last year 200,000 carcasses were condemned by government inspectors besides 18 million pounds of meat which was condemned on rein-spection. Tuberculosis, allied to consumption in human beings, is the chief cause for condemnation.

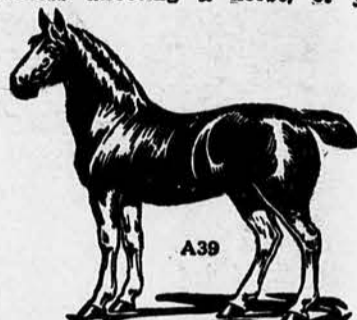
Under the present food laws should-ers can no longer masquerade as hams. Only the real article may be labeled potted ham, potted tongue, leaf lard, etc.

The Mail and Breeze is my ideal paper. I have had access to its teachings and its spicy and instructive fables for a number of years. I always have a warm corner for the Breeze.—G. H. Willson, Cedarvale, Kan.

Makes Lamé Horses Sound

Cures All Kinds of Lameness, Quickly, Positively, Permanently.

Mack's \$1,000 Spavin Remedy is absolutely guaranteed to cure Bone or Bog Spavin, Ringbone, Thoroughpin, Curb, Capped Hock, Shoe Boil, Sprung Knee, Lacerated and Ruptured Tendons, Sweeney and all other forms of lameness affecting a horse, or your



money back in a jiffy. It's a powerful remedy that goes right to the bottom of the trouble and cures the lameness in just a few days, and the animal may be worked as usual. Contains nothing that can injure the horse and heals without leaving scar, blemish or loss of hair.

Ask your druggist for Mack's \$1,000 Spavin Remedy—if he cannot supply you, write direct to us. Ask for our valuable Free Book, "Horse Sense" No. 3. If you are not positive as to the cause of your horse's lameness, mark on horse above where lameness occurs and tell us how it affects his gait, also tell age of animal. Our graduate veterinarian will diagnose the trouble and tell you how to cure it. This service is free.

McKallor Drug Co., Binghamton, N. Y.

SAVE-THE-HORSE

(Trade Mark Registered.)



THE TIME IS NOW

All the winter long, the troubled owner of a lame horse reads our advertisements. Then, day after day slips away, while he talks, laments, listens, takes advice and hesitating—**FAILS TO ACT**—till the Springtime is on him and his horse is not yet able to work. Meantime the thrifty, prosperous, resolute man, reads, considers the evidence carefully—**Decides Promptly**—and his horse is put to work while being cured. That's exactly what happens every year.

We Originated the treatment of horses by mail—Under Signed Contract to Return Money if Remedy Fails—and every minute of every day for **seventeen years** our advice and treatments have been on the way wherever mails go and horses are. **Our charges are moderate.** Write.

Our Latest **Save-The-Horse BOOK** is a Mind Set-ter—Tells How to Test for Spavin—What to Do for a Lame Horse—Covers 58 Forms of Lameness—Illustrated. But write describing your case and we will send our **BOOK**—Sample Contract and Advice—**ALL FREE**—to (Horse Owners and Managers—Only.)

TROY CHEMICAL CO., 15 Commerce Ave., Binghamton, N. Y. Druggists everywhere sell **Save-the-Horse WITH CONTRACT** or sent by us Express Prepaid

SAVE YOUR HOGS

Immunize them from Cholera with

EAGLE Hog Cholera Serum

A positive insurance against this dread disease. Prepared by skilled veterinary surgeons in one of the largest and most sanitary serum laboratories in the world—secured from only carefully selected U. S. inspected immune hogs, it is guaranteed to be of the highest potency and purity.

Write, phone or wire us today and we will send you full descriptive matter, free.

Eagle Serum Co.

308 Central Ave.
KANSAS CITY, KAN.



FOR \$2 I will send you prepaid the most wonderful little washing machine ever made. Regular price \$3.50. Easy to operate—the children will think it fun. It is absolutely guaranteed and if not satisfactory money will be returned. Act as my agent and earn big commissions and a trip to California. Alice C. Page, Call Bldg., San Francisco. "Everybody knows me"

Beware the Unsound Stallion

A Badly Bred Horse No Better Than a Scrub

BY DR. C. W. McCAMPBELL
Secretary Kansas Livestock Sanitary Board

BEWARE of stallions hereditarily unsound. It is just as unprofitable to raise unsound horses as it is to raise scrub horses. Hereditary unsoundness is due to a weakness of the part involved. This weakness may show itself in poor conformation, poor quality of tissue, an insufficient quantity of tissue, or in all three.



Dr. C. W. McCampbell young horse nears maturity and is required to do the ordinary work that a horse free from these unsoundnesses should do without discomfort.

Patronize the stallion in which there is combined soundness, good individuality and good breeding. Never accept any one of these qualities alone. All three must be combined to insure a good colt.

Things to Avoid in Breeding.

- I. Hereditary unsoundness involving—
 1. Defects of vision
 - a. Cataract
 - b. Amaurosis
 - c. Periodic opthalmia
 2. Roaring (laryngeal hemiplegia)
 3. Heaves (pulmonary emphysema)
 4. Ridgling (cryptorchidism)
 5. Stringhalt

II. Hereditary unsoundness characterized by bony enlargements

1. Bone spavin
2. Ringbone
3. Sidebone

III. Hereditary unsoundnesses involving soft structures

1. Bog spavin
2. Thoroughpin
3. Curb

IV. Unsoundnesses not quite so strongly hereditary as the above list

1. Rheumatism
2. Melanotic tumors
3. Cribbing
4. Weaving

V. Poor conformations of all kinds

The Way to Improvement.

Breed with a definite ideal in mind. Patronize only the best, sound, purebred sires.

Use only sound mares for breeding purposes. Do not mix types.

As far as possible, stick to one breed. Feed liberally the mares you have bred.

Be sure to read the state license of the stallion you patronize.

If you are breeding draft horses, seek for a combination of soundness, size, proper conformation, quality and action.

If you are breeding light horses, seek for a combination of soundness, proper conformation, quality, speed, style and action.

Boost for your local fair. Enter your stock and have it well broken by show time. Exercise every care and attention, that your stock may show to the best possible advantage.

Join the Kansas Horse-Breeders' association. Manhattan, Kan.

Breed For the Large Horse

He's Needed on the Farm Much as Anywhere

BY F. L. BROWN, Farmer and Stockman, Lincoln County.
Written for Farmers Mail and Breeze.

DON'T be afraid of getting your horses too large. You will raise a dozen too small where you will get one too big and you can readily sell him to the lumberman at a good profit.

I like a farm horse that will weigh 1,500 or 1,600 pounds when in good working condition. When fitted for market, such a horse will weigh from 1,700 to 1,850 pounds and will sell for a good price. I want a well muscled, compact horse, not too short and pudgy, nor too long and rangy—a horse with good bone, good feet, good eyes and a rather long, well arched neck, with a medium sized, intelligent head. I want a horse that when hitched to a binder, plow or any other piece of farm machinery, can walk through the field at a good stride, turn around quickly and go back and forth all day long. When Sunday comes, or when a driving horse is needed, such a horse can be hitched to the family carriage and will be a credit to the driver.

Don't be a knocker when someone in your vicinity brings in a good horse. No horse is so good but that someone can find fault with him. Give the owner the encouragement he deserves. Every such horse brought into your community adds financially to the welfare of everyone living in it.

Some men will tell you the best horses they ever knew were of no known breeding. This is sometimes a fact, but I believe if it were possible to trace the ancestry of these horses a few generations back, it would be found they came from some noble animal or strain of horses that had been line bred for some time.

We should quit breeding small, ill-shaped or blemished mares. Sometimes such a mare may breed quite well, but we cannot afford to throw away good feed and care experimenting. With an ordinarily good mare bred to a stallion of the right sort, and the colt from this cross properly fed and cared for, you may be reasonably sure of a valuable farm horse. Breed to nothing but a purebred sire and don't breed to a horse merely because he is a purebred. Breed to the very best horse within your reach and don't let a few dollars stand in the way.

I have always been rather partial to the Percheron horses, believing they have a little more life and action than some of the other breeds. However, if I were located in a neighborhood where there are good Shires or Clydesdales, and none of the breed of my own choice, I would patronize them.

Sylvan Grove, Kan.

Are Root Lice in Your Corn Land?

Corn fields injured last year by the corn root louse will certainly be attacked more or less this year if replanted to corn. The louse, says Prof. Swenk of the Nebraska Experiment station, passes the winter in the egg stage in the corn fields in the nests of the small brown corn field ant. When these eggs hatch early in April the ants place the newly hatched lice first on the foxtail and other corn field weeds, and later on the newly sprouted corn. If corn is planted on new ground which is not stocked with the eggs of the lice, the plants will practically escape attack.

The injury by the lice can be greatly reduced by thorough cultivation. The best plan is to plow early and follow by frequent applications with the disk or harrow until the corn is planted. On fields to be listed cultivation should begin in the spring and continue up to corn planting time to obtain the same results. This cultivation breaks up the ant nests and scatters the eggs of ant and louse alike through the dirt. Also by preventing the springing up of weeds before the corn is planted the lice which hatch early are starved out.

These measures against the corn root lice also reduce, more or less, the attacks of cutworms, white grubs, wireworms and several other corn pests.

Red Pepper for Cabbage Worms.

Mr. Editor—I have read so many helpful suggestions in the Mail and Breeze I want to add my mite. For worms on cabbage plants we sprinkle red pepper on the plants while the dew is on. As a rule only a few applications are necessary.

Mrs. R. E. Kirkwood.
Route 2, Marysville, Kan.

HART-PARR



You Alone Can Run this Small, Light Outfit

Everything about the little Hart-Parr Oil Tractor and Hart-Parr "Self-Lift" Plow, shown in the illustration, is so handy and so easy to manipulate that you or your hired man can operate the entire outfit right from the engine platform.

Compare it with any other small outfit. Judge for yourself if it isn't the dandiest little tractor and "Self-Lift" plow you ever saw. The tractor is simple, compact and built almost entirely of steel. That means lightest weight, yet greatest strength. No dead weight to drag around and waste power. It will easily outpull and outwork 10 to 12 sturdy horses, and cost for fuel and up-keep, only a fraction of what you now spend on horses.

The Hart-Parr "Self-Lift" Plow is one-third lighter than any other, and has only two-thirds as many parts. Does away with all back breaking labor. To raise the bottoms, merely pull a rope attached to the clutch lever and the automatic lift attachment does the rest. When the clutch lever is released, plows again drop into the ground, one after the other. A distinctive feature is the independent hand-lift attachment, which permits any individual bottom to be raised without disturbing the adjustment of the entire plow. These are only several of a dozen exclusive features which put this "Self Lift" plow in a class by itself.

In combination, this Hart-Parr Oil Tractor and Hart-Parr "Self-Lift" plow, is a small, light outfit, which will not mire or sink in softest ground. You can use the tractor for all kinds of traction or belt work. It uses CHEAPEST KEROSENE for fuel at all loads, and the engine is oil cooled.

Write today for special circulars describing both tractor and plow 81

HART PARR COMPANY, 234 Lawler St., Charles City, Iowa

APPLETON

SILF FILLERS

Handsome, illustrated booklet giving 30 convincing reasons for buying the powerful, low down, underslung, cut-under oak frame, Appleton Silf Filler, mailed free. Write for it to-day.



APPLETON MFG. CO., 497 FARGO ST., BATAVIA, ILL., U. S. A.

CHAMPION MOLASSES FEED

Is the feed fed to all cattle that brought the highest prices on the live leading cattle markets during the year of 1912, far superior to cottonseed meal with ensilage, equally good with any feed, will save 30 days' time in feeding period, also a great milk producer. Write us. CHAMPION FEED CO., TARKIO, MISSOURI.

This Big Leather-Bound Webster's

825-Page Dictionary

Sent Prepaid to
Mail and Breeze
Readers

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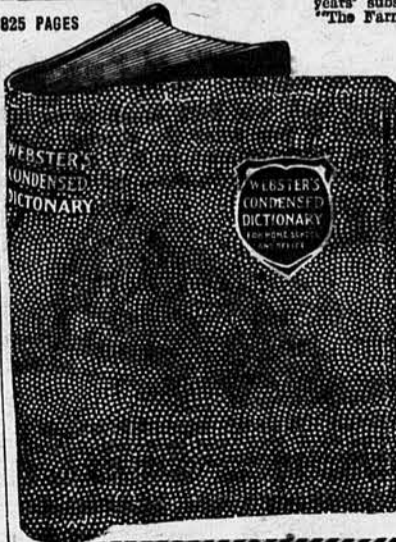
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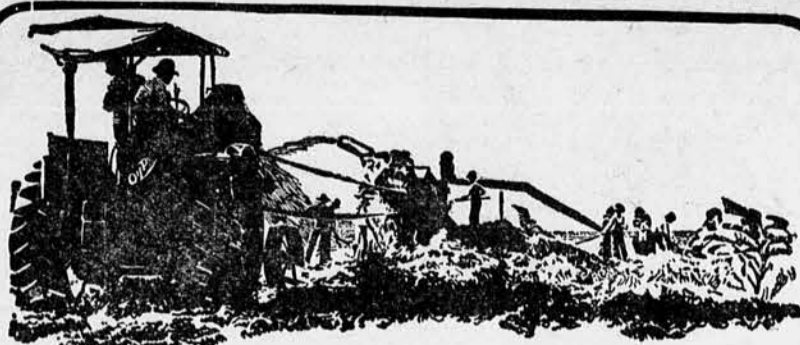
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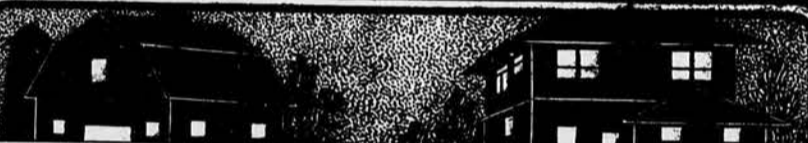
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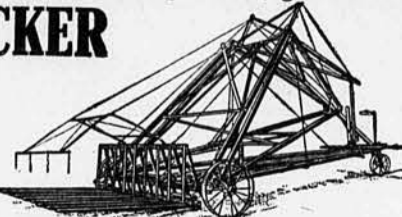
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JAYHAWKER FARM DOIN'S

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.

Corn planting is now half done and the town farmers have not begun a seed-corn campaign. Can it be they are willing to trust the sure-enough farmers to pick their own seed this year?

The fact is, where one field has a thin stand caused by poor seed, there are 20 that have too much of a stand. There has been 20 times the damage caused by too many corn stalks growing on an acre, than by too few.

And just because some say that seed corn is poor, is no sign that it is, or that things would be bettered by sending away for seed. It is very uncommon to have Kansas corn fail to mature enough to grow.

In Kansas it would be better to leave corn out in the field, or in the shock, than to pick it and throw it on top of the oat bin, or on Kafir corn, or any other threshed grain. When this is done damage will result to the seed. We prefer not to shell our seed until just before planting and we keep it in a tight dry bin by itself.

Because seed corn fails to grow at times is no sign it is poor. Let corn be planted in our soil for about one to two days, and then let heavy and long continued rains fall, and the chances are there will have to be some replanting done, especially if the wet weather is also hot weather. Also a cold wet spell will rot corn but not so quickly as a warm wet one.

Always we prefer to put in the top-planted corn first, to plant the listed corn last. Top planted corn will stand a little more grief in the way of wet and cold than the listed corn. The listed corn, also will stand the hot dry weather of midsummer better, so we think it best to let the listing go until the last.

This year we intend to have half the corn acreage on this farm top-planted and the rest listed. Today, April 26, we are just starting the planter but we have the ground all plowed and harrowed down well so that the work can go right along until we are through, weather permitting. Not since we have been farming have we had our plowed ground in better condition for corn than it now is.

In harrowing plowed ground this morning we went crossways of the field. We passed over different lands, some plowed with the 12-inch gang, and some with the 16-inch single sulky. The gang plow left the land in far the better shape. It seems that the narrower the plows are, the better they do the work. We much rather have ground plowed with 12-inch plows than with 16-inch.

Last week we watched the workings of both gang and single plows. On the two-plow gang, cutting 24 inches, we used four heavy horses, and on the 16-inch single sulky we used three. Each horse on the gang had to pull 6 inches of plow; on the single sulky, a fraction more than 5 inches. While the gang plow did the better work, it seemed to us that the draft was more, as compared with the single plow, than it should have been with so little extra cutting surface. But the gang plow is heavy and held right down to the work which perhaps makes it pull a little harder in proportion.

A brother on another farm has a sulky plow, with a reputation for light draft. But this light draft is caused by the plow being fastened to the frame by only one bail, where all other plows we use have two. This lets the plow give more, and it has a tendency to dodge the hard spots. In this it is not much different from a walking plow. It is this that makes the

light draft. The light draft of the walking plow is not due to having no frame to pull, but that it is not held down to the work.

In our auto drives to the different towns this spring we have noted the oats acreage is the greatest ever known in this vicinity since we have lived in Kansas. At least it is along the roads we have traveled. At this writing the oat crop needs more rain, our rain of last week was rather light. Also there is the menace of chinch bugs. What they will do depends altogether on the weather. Should there be plenty of moisture the bugs will do no harm; should it be dry we have an idea the oats will suffer severely.

Wheat looks fine, wherever we have seen any. We suppose the chinch bugs, flying so thickly a week ago, lit in the wheat the same as in the oats, but the wheat growth is so rank, and the plant so tough, that the bugs will not find pasture to their liking in it. These little pests like fresh, crisp stuff to eat and wheat will not fill the bill. With the present outlook we should feel safer if we had some kind of a barrier between the place where the corn is to be and the oats, but we notice many have sown oats directly alongside of corn.

Last fall was a good one in which to get plowing done. Much plowing also was done at times during the winter. Then there have been no wet spells this spring to hinder the work. As a consequence more corn will be planted on plowed ground this spring than there has been planted this way since the lister became so popular. In a ride to Gridley, yesterday, we saw field after field planted with furrow-openers, more than we have seen planted in this way in the last five years. Furrow-openers on clean fall plowing make a pretty good combination; by using them the corn can be cultivated with a disk cultivator and the dirt thrown away from the row the first time.

In discussing the new dog tax, it seems to be the common thing for the newspapers to give the dog a hard name. If we believed most of them we should have to consider the dog an outlaw, ready to take his share in almost any meanness that turns up. Now, we know there are plenty of mean dogs, there are also lots of mean men. The whole race should not be condemned because of the faults of the few. We are willing to admit that there is not much excuse for the dog in town but on the farm the good dog has his place and it is hard to estimate the value of the good collie or shepherd dog.

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MAIL AND BREEZE, TOPEKA, KANSAS.

BY EBEN E. REXFORD.

Many gardeners are fond of arranging their plants to produce pleasing color contrasts. A pretty circular bed can be made by planting it with phlox drummondii—white, pink and plain yellow—in rows. These colors harmonize charmingly. If one cares to make a bed of this a little more elaborate, a group of light foliated cannas may be planted in the center.

A pleasing effect may be secured by planting a circular bed with calliopsis, edging it with white candytuft.

A bed of rose-colored phlox bordered with Madame Salleri geranium will always please. This geranium I consider our best edging plant. Set plants of it about 8 inches apart, and by the middle of summer they will have grown together and formed a solid mass of foliage.

An exceedingly brilliant effect is produced by filling the center of a round bed with scarlet salvia and surrounding it with calliopsis. If an additional note is thought advisable in this chord of color, make use of white candytuft or the geranium as an edging.

A bed of pink, white, or pale yellow phlox bordered with lavender ageratum will afford satisfaction because of the delicacy and purity of the colors. These plants are profuse and constant bloomers, give a strong mass of color, and do not grow to a size that destroys the effect aimed at. And they are the easiest of all annuals to grow.

The petunia furnishes plenty of color for a showy bed in any prominent place. It is well to use sweet alyssum, white candytuft, or the geranium to edge the bed for the sake of contrast.

If the *amaranthus* is used in combination with such plants as *calliopsis* or *nasturtium* the effect will be extremely fine, as the dull, rich colors of its foliage will fit in delightfully with the yellow and orange of these two flowers. I would advise having a large group of it, as the effect depends largely upon the mass of color secured from it.

If amaranthus is planted along a fence or driveway, with African marigolds in front of it, the combination will be found pleasing, and especially so if blue lobelia is used as an edging. All danger of discord is avoided by using the tawny orange-brown of the marigold as a go-between.

The verbenas, if planted in rows of contrasting but harmonious colors, is useful where one goes in for ribbon bed effects. So is phlox. But beds of this kind are effective only when they can be given considerable space. For small grounds circular beds are most satisfactory. If you care for carpet bedding, use such plants as depend upon their foliage for color effect—plants like the coleus, centaurea, golden feather pyrethrum, or altermantnera.

Mr. Editor—Sweet corn can and should be planted every week or two from May 1 to August 1. Although roasting ears are a favorite food with the average farm family, they last only a short season. We have had them on our table nearly every day from July until November and liked the last picking as well as the first. Roasting ears will reduce bread and meat bills and are wholesome, nutritious eating. If planted late the last crop may have to be picked before a severe frost and kept in a cool place until ready to use.

From Just Two Rows of Cucumbers.

Mr. Editor—Last year I made two furrows 8 feet apart in about 1-15 acre of ground. I scattered some manure down these rows, made loose hills and the middle of May planted cucumber seed. When the plants had the second leaf I thinned them to three to the hill. The hills were 4 feet apart. I hoed and cultivated the patch twice. From these two rows we had all the cucumbers we needed for the family, gave some away and sold \$11 worth.

Route 3, Grenola, Kan.

Practically all the great cars of 1913 have the left-side drive. That means, of course, that others must adopt it.

They don't have projecting side lamps. They use electric set-in dash lights, as used on Reo the Fifth.

They are not under-tired. Skimpy tires, which double one's tire bills, are now much out-of-date.

Then today's idea among leading makers is to build enduring cars. To cut down cost of upkeep.

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new. But that isn't so with cars hurried and skimmed—cars merely made to sell.

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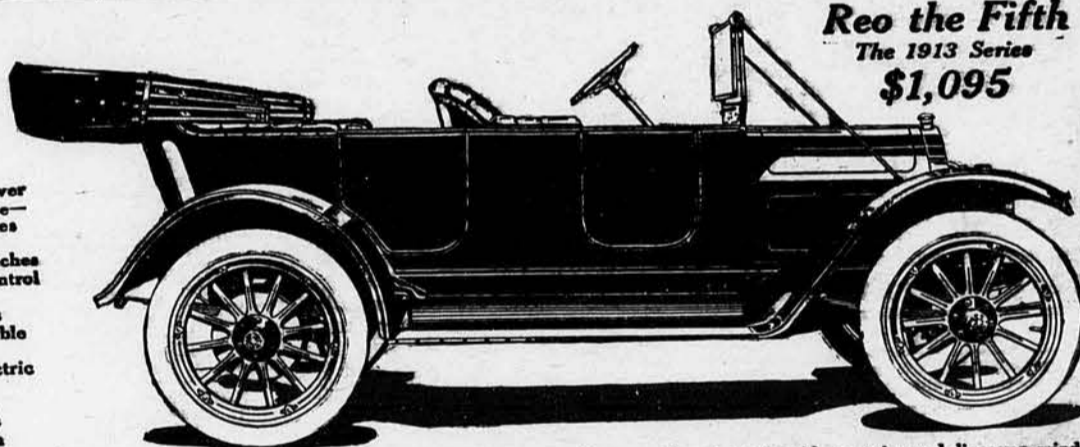
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Ground grain in a wet mash is better for ducks than whole grain.

A broody hen will soon spoil an egg for table use. Keep them apart.

Perches perfectly smooth and movable are the kind to have during the lice season.

The chick that once gets thoroughly chilled will have a hard time catching up with the rest.

Powdered charcoal in the chicks' feed aids digestion and lessens the chances of bowel trouble.

The large, tame sunflower seeds make a good feed for hens at moulting time. Plant a few this spring.

Whole Kafir is perhaps the best of all grains to make weight after chicks are a week or 10 days old.

For a disease preventive nothing is better than a little copperas in the drinking water about once a week.

Both disease germs and vermin may be kept down by fumigating the poultry house with sulphur once or twice a month.

I feed chicks nothing but dry oatmeal the first 10 days and rarely have a case of bowel trouble in the flock.—Mrs. E. M., Whitewater, Kan.

The Why of Some Big Hatches.

Mr. Editor—I have five incubators going this spring and not a lamp has been out since starting them except while being cleaned and filled. So far I have had very good hatches, one machine bringing off 114 chicks from 119 tested eggs. The reasons for these good hatches are good stock, proper feed and care, gathering the eggs several times a day, and taking care of them afterwards. I have lost but one chick so far this year. Cleanliness and proper feed is half the battle in raising chicks and the other half is well culled, vigorous breeding stock. I raise the Black Langshans and don't believe they can be beat for rapid growth and early market. Also they lay large eggs and lots of them. W. J. Neff.

Junction City, Kan.

Rearing the Early Chick.

[Prize Letter.]

Mr. Editor—I have been successful in raising incubator chicks in my brooder house built of rough lumber. In size this building is 8 by 10 feet, has a floor, and is heated with an old stove when necessary. The house is made tight with strips of old carpet. Two windows in the south side let in the sun. When the hatch comes off I put the chicks in boxes or tubs and take them to the house until large enough to eat. Then they are turned into the brooder house.

Their first feed is boiled egg, mashed up, shell and all, and clabber cheese. Also some millet seed in litter for them to scratch out. I give them warmed water to drink, sometimes putting in a drop of carbolio acid and a pinch of lime. Sometimes I give them corn bread and boiled wheat for a change. Charcoal is broken up for them and I keep some dry earth in the house where they may scratch. They are not let out on the ground until 3 weeks old and how they do grow.

Last year my chicks had no bowel trouble and I lost very few, all because I kept them warm and healthy. I pulled some lettuce for them also young and tender grass. I believe March hatched chicks are strongest.

Mrs. Nannie Ferguson.

Rosendale, Mo.

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ROSE COMB Brown Leghorns. Kulp's strain. Eggs 75 cts. 15, \$3.50 per 100. Otto Borth, Plains, Kan.

S. C. BUFF LEGHORNS. Eggs from choice birds, 30 \$2.00, 100 \$4.50. J. A. Reed, Route 2, Lyons, Kan.

EGGS from choice pure bred Rose Comb Brown Leghorns, 15 \$1.00, 100 \$5.00. J. J. Goetz, Cunningham, Kan.

S. C. WHITE LEGHORNS. Free range; great layers. Eggs, 100 \$3.00, 13 75c. C. B. Wilson, Burlingame, Kan.

SINGLE COMB BROWN, of which you will not be ashamed. Hundred eggs \$3.50. Pure bred. Carl Haug, Galena, Kan.

EGGS FROM PURE BRED S. C. White Leghorns. \$3.00 per hundred. Extra fine stock. Harry Givens, Madison, Kan.

DORR'S prize winning pure Single Comb Brown Leghorns. Eggs \$3.00 per 100; 32 \$1.25. Chas. Dorr & Sons, Osage City, Kan.

SINGLE COMB BROWN LEGHORNS. Choice stock; farm raised. Eggs \$1.00 per 15, \$5.00 per 100. Mattie Ulm, Kincaid, Kan.

EGGS FOR HATCHING. Single Comb White Leghorns. Only breed on farm. Satisfaction guaranteed. Miss Skelley, Delta, Kan.

S. C. BUFF LEGHORNS. Shape and color specials and silver cup won wherever shown. Eggs, 15 \$1.00, 100 \$4.00. Geo. Dorr, Osage City, Kan.

SINGLE COMB BROWN LEGHORNS. 52 prizes at Newton, Arkansas City, Hutchinson, Wichita. Eggs \$5.00 per 100. W. J. Roof, Malze, Kan.

ROSE COMB BROWN LEGHORN range stock. Eggs \$3.00 per hundred, 75c per setting. Safe delivery guaranteed. O. C. Haworth, Fowler, Kan.

EGGS from pure bred White Leghorns. Both combs. Cut prices. Fine stock. 16 \$1.00, 100 \$4.00. Satisfaction guaranteed. R. J. Edgar, Dodge City, Kan.

DORR'S prize Rose Comb White Leghorns, grand champion silver medal winners. Eggs \$1.00 per 15, \$5.00 per 100. A. G. Dorr, Osage City, Kan., Route No. 5.

SINGLE COMB BROWN LEGHORNS. Standard birds. Farm raised, vigorous, extra heavy layers. Eggs \$4.00 per 100. Mrs. J. A. Jacobs, Manchester, Okla.

SINGLE COMB BROWN LEGHORNS exclusively for 10 years. High-scoring, heavy laying strain. None better. Eggs at farmer's prices. J. F. Crandall, Barnes, Kan.

S.C.W. LEGHORNS. My specialty 24 years. Snow white, persistent layers, vigorous, beauties and debt payers. Eggs, \$1.50 for 15; \$5 per 100. Geo. S. Phillips, Tecumseh, Neb.

ROSE COMB WHITE LEGHORN eggs for sale. From Pen No. 1 \$3.00 for 15 or \$4.00 for 30; Pen No. 2, \$1.50 for 15 or \$2.00 for 30; Pen No. 3, \$1.00 for 15 or \$1.50 for 30. Mrs. W. E. Masters, Manhattan, Kan.

ROSE COMB BROWN LEGHORNS. Kulp's 242 egg strain. Winners first pen Hutchinson, 1913. Eggs \$1.00 15, \$5.00 100. Infertiles replaced once. (Golden Seabright Bantams.) A. B. Boylan & Co., Lakin, Kan.

TURKEYS.

MAMMOTH BRONZE eggs 25 cts. each. Carrie Thompson, Cimarron, Kan.

EGGS from prize winning Mammoth White Holland turkeys, \$2.50 per setting. S. H. Lenhart, Abilene, Kan.

BOURBON RED turkey eggs, \$3 for 11; with directions for raising them. Mrs. C. B. Palmer, Uniontown, Kan.

BOURBON RED turkeys. Mostly two-year-old breeders. Standard size and markings. Eggs \$3.00 per 11. Stover & Myers, Fredonia, Kan.

Reliable Poultry Breeders

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S. C. BLACK ORPINGTON eggs, \$2.00 per 15. J. L. Carmean, Neosho Falls, Kan.

WHITE ORPINGTONS (Kellerstrass strains). Eggs \$1.50 per 15. Dr. Newsome, Iola, Kan.

SINGLE COMB BUFF ORP. eggs \$5 per 100. Or incubator lots. Flora Watson, Attona, Kan.

GOLDEN BUFF Orpington Cockerels \$3.00 each. Eggs \$5.00 per 13. Dr. Pierson, Spring Hill, Kan.

KELLERSTRASS White Orpington eggs, 15 \$1.00. Parcel post. 100 \$4.00. Mrs. John Jevons, Wakefield, Kan.

SINGLE COMB BUFF ORPINGTON eggs \$1.00 per 15. Splendid layers. Mrs. S. W. Hellman, Pleasanton, Kan.

S. C. B. ORPINGTONS. Owen strain. Large, good color. Eggs \$1.00 per 16. Mrs. J. Drennan, Liberty, Kan.

SINGLE COMB Golden Buff Orpingtons. Cook's strain. 30 eggs \$1.75, 100 \$4.75. White House Poultry Farm, Salina, Kan.

WHITE ORPINGTONS (Kellerstrass strain). Eggs \$1.50, \$2.00 per 15. Cockerels \$1.00, \$2.00 each. Herman Thompson, Galva, Kan.

HIGH CLASS Buff and Black Orpingtons. Winners K. C. International. Eggs reasonable. Mating list free. C. A. Scoville, Sabetha, Kan.

EGGS FOR HATCHING from heavy laying strain Crystal White Orpingtons. Farm raised. Prices reasonable. Gustaf Nelson, Falun, Kan.

WHITE ORPINGTON eggs from stock hatched from Kellerstrass \$30 eggs, at \$1 per 15, \$6 per 100. Maud E. Lundin, Columbus, Kan.

WHITE ORPINGTON eggs at reduced prices. Excellent stock; heavy winter layers. Catalog free. F. H. Anderson, Box M-53, Lindsborg, Kan.

BUFF ORPINGTONS. Eggs half price from fancy and utility. Express paid. Cockerels for sale. Mating list free. August Petersen, Churdan, Ia.

GERTRUDE GEER'S Gold Nugget strain S. C. Buff Orpingtons. Winners sixty premiums, two silver cups. Farm raised; no pens. Eggs \$1.50 per 15. Winfield, Kan.

DON'T OVERLOOK OVERLOOK FARM. Buff, White, Black Orpingtons. Won 99 premiums at Omaha, Kansas City, Sedalia, Lawrence, Hutchinson and Topeka. Eggs from nine mated pens. Pens No. 1, No. 2 and No. 3 at \$7.50, \$5.00 and \$3 per 15 eggs. Get my big mating list. After May 25th eggs half price. Stock for sale reasonable. Send for prices on pens of choice breeders. Chas. Luengene, Prop., Box B149, Topeka, Kan.

DUCKS.

WHITE INDIAN RUNNER ducks. 13 eggs \$3.00. B. F. Graff, Erie, Kan.

RUNNERS, Fawn and White. Eggs, \$1.00 per 15. Mae Paup, Carrollton, Mo.

BLUE SWEDISH ducks. Eggs \$2.50 per setting. F. J. Pechanec, Timken, Kan.

INDIAN RUNNERS, Buff Rocks. Standard stock. \$1 and \$2 settings. Geo. Wasson, Anness, Kan.

25 EGGS for \$2. English Indian Runner ducks. Brooks strain. Circular. Paul Grill, Ellsworth, Kan.

EGGS—White Runners, Fawn and White, Buff Orpington duck and hen eggs. Mrs. T. N. Beckey, Linwood, Kan.

INDIAN RUNNER ducks. Topeka fair winners. Satisfaction guaranteed. Burt White, Burlingame, Kan.

INDIAN RUNNERS, fawn and white; white eggs, \$1.00 12, \$5.00 100. Mrs. Robt. Whitesell, Clearwater, Kan.

WHITE AND FAWN, white egg strain, Indian Runner ducks. Eggs \$1.00 for 13. Mrs. F. W. Bertschinger, Lecompton, Kan.

INDIAN RUNNER duck eggs, English strain. Prize winners at American Royal, K. C. Mo., 1911-12. Geo. E. Hobson, Pittsburg, Kan.

INDIAN RUNNERS of quality. American Standard Light Fawn and White. Eggs \$1.50 and \$2.00 per 15. Dr. E. H. Killan, Manhattan, Kan.

INDIAN RUNNER eggs \$1.00 per 13, \$3 per 50, \$6 per 100. American Standard fawn and white. White eggs. Pearl Wertzberger, Alma, Kan.

INDIAN RUNNERS, American standard light fawn and white. White egg strain. Eggs \$1.50 per 13, \$4.50 per 50. Mrs. Otis Russell, Canton, Kan.

HIGHCLASS INDIAN Runners. White eggers. American Standard and pure English type. Eggs \$1.00 to \$3.00 per 15. Free circular. Lillie Greve, Earlton, Kans.

NOW IS THE TIME to get a start with the famous Indian Runners. Light fawn and white and English Pencilled. Eggs 15 for \$1. 100 for \$5. Mrs. Ed Bergmann, Route 9, Paola, Kan.

FAWN AND WHITE RUNNERS. White eggs. Won 3 blue ribbons State Show, 1913. Per 15, \$1.50. Pen 2, \$1.00. Rose Comb Reds, excellent stock, 15 \$1. Julia Little, Conway Springs, Kan.

FAWN AND WHITE Indian Runners, white eggs. Yard A, exhibition quality, \$2.00 per 15; yard B, \$1.25 per 15, \$3.50 per 50, \$6.00 per 100. Pure White Runners, eggs \$3.00 per 12. Free circular. Stover & Myers, Fredonia, Kan.

POLISH.

WHITE CRESTED BLACK POLISH eggs, \$2.00 per 15. J. L. Carmean, Neosho Falls, Kan.

Reliable Poultry Breeders

RHODE ISLAND REDS.
SINGLE COMB RED eggs, \$3.00 100. W. P. McFall, Pratt, Kan.

ROSE COMB RED eggs, \$4 per hundred. Frank Stettinisch, Bremen, Kan.

SINGLE COMB RED eggs 15 \$1.00. 100 \$5.00. Royal Yeoman, Lawrence, Kan.

S. C. RED eggs, 100 \$4.00; pen, 15 \$1.50. Mrs. Allie West, Box 315, Garnett, Kan.

EXTRA FINE Rose Comb Red eggs, \$4.00 per 100. Mrs. Leslie Joss, Pauline, Kan.

SINGLE COMB REDS. 100 eggs \$3.50, 30 \$1.25. Mrs. Rosa Janzen, Geneseo, Kan., R. 3.

THOROUGHBRED R. C. R. I. Red eggs, \$1.00 per 15 or \$5.00 per 100. W. W. Edson, Kendall, Kan.

ROSE COMB RED eggs at 4 cts. each or 4 dollars per 100. Mrs. Jas. Shoemaker, Narka, Kan.

PURE R. C. RED eggs, 100 \$4. Baby chicks fifteen cents each. Mrs. B. F. Weigle, Winfield, Kan.

FOR SALE—Thoroughbred breeding stock. S. C. R. I. Red hens; 3 fine male birds. D. G. Krudop, Manhattan, Kan.

ROSE COMB R. I. REDS. 75 cts. per 15. \$3.50 per 100. Good utility stock. Adda Walker, White City, Kan.

REDUCTION! Rose Comb Red eggs from entire flock \$4.00 per 100. Chicks 20c. Mrs. Abbie Rlenietz, Pratt, Kan.

SETTING R. C. RED eggs \$1.50. We prepay transportation. Good stock. Prosperity Poultry Farm, Barnes, Kan.

ROSE COMB Rhode Island Red eggs from prize winning stock at \$5.00 per hundred. Mrs. A. W. Haug, Onaga, Kan.

PRIZE WINNING Single Comb Reds. Eggs reduced to \$2.00 per 15. Mating list free. Chas. Lentz, Atchison, Kan.

FOR SALE. Pure bred Single Comb Red eggs, 15 for 75c, 100 for \$5.00. Mrs. Clara Helm, R. F. D. No. 8, Topeka, Kan.

PEN Rose Comb Rhode Island Reds for sale. 15 hens and 4 males. Price \$30. Walter Pierce, Route 2, Chapman, Kan.

THOROUGHBRED Single Comb Reds. Eggs, \$1.00 per 15, \$3.00 per 50, \$5.00 per hundred. Florence Williams, Olivet, Kan.

SINGLE COMB REDS, best blood, first prize winners wherever shown. Cockerels and eggs for sale. J. B. Hunt, Oswego, Kan.

ROSE COMB RED eggs, \$1, \$1.50, \$2.00 per 15; \$4.50 per 100. Half price after May 15. Mrs. Alice Clinkenbeard, Wetmore, Kan.

SINGLE COMB REDS, direct from two of the best strains in America. Eggs \$1.50 and \$3.00 for fifteen. Mrs. I. L. Lafferty, Fredonia, Kan.

MAY SPECIAL PRICE on eggs for hatching. Rhode Island Reds, both combs. It will pay you to write me. F. B. Severance, East Springs, Kan.

SIBLEY'S prize winning strain dark rich red R. C. Reds. Eggs, 15 \$1.25, 30 \$2.00, 50 \$3.00, 100 \$5.00. Nora Luthye, North Topeka, Kan., Rt. No. 6.

R. C. RHODE ISLAND REDS—Best winter layers. Eggs from high scoring stock \$1.00 per 15, \$5.00 per 100. Mrs. A. J. Nicholson, Manhattan, Kan.

PURE BRED Rose Comb Rhode Island Reds exclusively. Eggs from range flock \$4.00 for 100, \$1.00 for 15. Pen, \$2.00 for 15. Howard Vail, Marysville, Kan.

RHODE ISLAND REDS, both combs. Hatching eggs low price, fertility guaranteed, securely packed, parcel post or express. Mating list free. H. A. Sibley, Lawrence, Kan.

ROSE COMB REDS, all yearling hens, Miller and New Combs strain. Free range. 45 eggs \$1.50, \$3.00 100. Guaranteed 80 per cent fertile. James A. Harris, Latham, Kan., Box 65.

ROSE COMB RHODE ISLAND REDS exclusively. Carefully mated, line bred six years with proper introduction of new blood. Write for prices on eggs and chicks. Walter R. Meeker, Erie, Kan.

R. C. RED eggs. Pens mated to 4 grand Bushmann-Pierce roosters, sons of Wild-fire 2nd, first pen cock Chicago, 1912, he by the \$250.00 Wildfire; other pens headed by as well bred roosters. 15 eggs \$1.50; 30, \$2.50; 50, \$4. Range flock, 50 \$2. W. R. Huston, Americus, Kan.

STOVER & MYERS, Rose Comb Reds, choicest quality. Winning 28 ribbons at Oswego, Tulsa, Fredonia and Kansas State Show. Eggs cheapest in West, quality considered. Yard A. & B. \$3.00 per 15; C. & D. \$1.50 per 15; Yard E. \$4.00 per 100. Free circular. Fredonia, Kan.

FOR SALE—From our breeding pens, after May tenth. Eight pens Rose Comb Rhode Island Reds, five hens and one cock bird to each pen—hens now 14 months old. One pen Single Combs. All bred in the two hundred egg class, on both sides for past three years. Pedigree furnished with each pen. See our article in Mail and Breeze of April 5th. Price fifteen dollars per pen. Regua Art Co., Caney, Kan.

LIGHT BRAHMAS.
MAMMOTH Light Brahmas. Mating list free. Mrs. J. F. O'Daniel, Westmoreland, Kan.

BUFF COCHINS.
BUFF COCHIN eggs \$2.00 and \$3.00 per 15. Mrs. L. O. Housel, Smith Center, Kan.

FOR SALE—Buff Cochins of quality. Send for mating catalog. J. C. Baughman, Topeka, Kan.

Reliable Poultry Breeders

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PURE BARRED ROCK eggs, \$1.50 per 15. W. J. Rye, Albany, Mo.

BARRED ROCK eggs 15, \$1.00; \$5.00 per 100. Bertha Evans, Lyons, Kan.

WHITE ROCK eggs 7c each. 10 years a breeder. James Jensen, Kinsley, Kan.

WHITE ROCK eggs by parcel post, 16 for \$1.00. Order of W. J. Lewis, Lebo, Kan.

QUALITY WHITE ROCKS. Eggs for hatching. J. A. Kauffman, Abilene, Kan.

SHELLEY BROS.' pullet line. Eggs, 15 \$1.50, 60 \$5.00. Oscar Daub, Elmdale, Kan.

WHITE ROCKS. Fishel strain. Eggs, 15 \$1.25, 100 \$5.00. Mrs. Frank Powell, Buffalo, Kan.

SINGLE COMB Rhode Island Red eggs, \$1.50 per 15. J. L. Carmean, Neosho Falls, Kan.

BARRED ROCKS exclusively. Eggs, 100 \$4.50, 30 \$1.75. Catherine Beightel, Holton, Kan.

BARRED ROCK eggs \$4.00 per hundred. Fine large birds. Chas. Cornelius, Blackwell, Okla.

WHITE ROCKS. Scored 94½ by Stoner. Eggs 100 \$4.00. Mrs. J. W. Hoornbeek, Winfield, Kan.

PURE BRED Barred Rock eggs \$1.00 setting, \$4.00 100. Wm. C. Mueller, Hanover, Kan., R. 4.

WHITE ROCKS. Free range. Eggs, 15 75c; 100 \$3.00. H. F. Richter, Hillsboro, Kan., R. 3.

PLYMOUTH ROCK eggs for sale at \$1.00 per setting, \$3.00 per 100. Ernest Peters, Lorraine, Kan.

BARRED ROCKS, big boned, fine barred. \$1.00 15, \$4.00 100. Mrs. Wm. Sluyter, Jewell, Kan.

PARTRIDGE ROCKS—16 eggs \$1.25, hens \$1.50 each, chicks 20 cts. Stella Weigle, Winfield, Kan.

100 BUFF ROCK eggs \$4.00. From pens \$1.50 and \$3.00 per 15. Mrs. M. E. Stevens, Humboldt, Kan.

PURE BRED Barred Plymouth Rocks exclusively. Eggs, 15 75c; 100 \$3.50. S. B. Shaw, R. 3, Goff, Kan.

WHITE ROCK baby chicks, 12 cts. each. Incubators going now. Mrs. Geo. Woodworth, Route 2, Lebanon, Kan.

WHITE PLYMOUTH ROCKS—Eggs from show winners \$1.50 per 15, 100 \$5.00. W. H. Beaver, St. John, Kan.

BUFF PLYMOUTH ROCKS—Eggs and baby chicks at reasonable prices. Mrs. Fred Miller, Wakefield, Kan.

WARRENBURG'S Barred Rocks. Eggs, 15 \$3.00, 100 \$12. Quality makes price. O. Warrenburg, Centralia, Kan.

BARRED ROCK eggs. Prize winning stock. \$1.50 for 15, \$7.00 per 100. Star Breeding Farm, Elk City, Kan.

WHITE PLUME POULTRY FARM, Bogue, Kan. White Rocks, baby chicks, eggs; White H. turkeys, White Pekin ducks.

IVORY WHITE ROCK eggs from special mating, \$3.00 15. Grand farm flock, \$5.00 100. Minnie Clark, Haven, Kan.

BIG TYPE BARRED ROCKS. Thirty-five years' scientific breeding. Eggs and stock. A. H. Duff, Larned, Kan.

PURE BRED WHITE ROCKS. Farm range. Eggs, 15 \$1.25, 100 \$4.00. Satisfaction guaranteed. G. M. Kretz, Clifton, Kan.

PURE BRED Barred Rocks exclusively. Eggs 50 cts. per 15, \$2.50 per 100. Mrs. Jessie Seabloom, Stockton, Kan.

FRED HALL'S Barred Rocks have won 60 premiums in 1912 and 1913. Eggs \$2.50 and \$1.50 per 15. Lone Wolf, Okla.

WHITE ROCK EGGS, best strains, extra layers, \$1 for setting, \$5 per one hundred. Mrs. E. E. Williams, Sabetha, Kan.

PURE BRED BARRED ROCKS; farm raised. Eggs, 15 \$1.25, 30 \$2.00, 100 \$5.00. Mrs. John Yowell, McPherson, Kan.

WAGNER'S BARRED ROCK prize winners; eggs \$1.50, \$2.00. Write for mating list. Mrs. E. C. Wagner, Holton, Kan.

BIG TYPE blue Barred Plymouth Rocks. Fine birds, none better. Eggs, 15 \$1.00, 100 \$5.00. Mrs. T. B. Mitchell, McPherson, Kan., R. No. 5.

BARRED ROCKS—Weigher-layer. 103 premiums. Eggs \$1.00 15, \$5.00 100; Special matings \$3.00 15, \$5.00 30. W. Opfer, Clay Center, Kan.

BARRED ROCK eggs. 15 \$1.00, 50 \$2.50, 100 \$4.00. From pens \$3.00 and \$1.50 per 15. Baby chicks 10c each. Mrs. C. N. Bailey, Lyndon, Kan.

BARRED ROCK eggs. Cockerels from choice scored stock; red eyes, yellow beaks and legs. Latham strain. Mrs. H. Schmidt, Humboldt, Kan.

WHITE ROCKS only for 16 years; large flock. Can fill large orders promptly. \$1.00 per 15, \$4.00 per 100 eggs. Josias Lambert, Smith Center, Kansas.

PLYMOUTH ROCKS that are Barred. State Show winners. Both matings. Eggs \$2.50 per 15 up. Write for mating list. C. V. LaDow, Fredonia, Kan.

BARRED PLYMOUTH ROCKS exclusively—Ringlet strain; good layers, rich color, fine, narrow, regular barring to the skin and good size. \$2 per 15 eggs. L. P. Coblenz, La Harpe, Kan.

Reliable Poultry Breeders

PLYMOUTH ROCKS.

BUFF P. ROCKS. Eggs from prize winners, high scoring birds, won silver cup for best pen in American class. Write for special price. J. S. Humphrey, Pratt, Kan.

BUFF ROCKS exclusively for eleven years. Eggs from high scoring pens, \$3 per fifteen, \$5 per thirty. Farm range, \$3.75 per hundred, \$2 per fifty. Mrs. Homer Davis, Walton, Kan.

INIMITABLE White Rocks. Great prize winners. Range eggs selected. Hundred \$5.00. Special matings, on application. Win everywhere. Select breeding pens, \$10.00. Sidney Schmidt, Chillicothe, Mo.

BUFF ROCK eggs. Two pens selected hens and pullets. Fine cks., one direct from Poley. Pen eggs as they come \$2.00 per fifteen. Range flock \$1.00 per fifteen, \$5.00 per hundred. Herbert H. Smith, Smith Center, Kan.

WHITE ROCKS, pure white, big boned, farm raised. Baby chicks 15c a piece by the 50 or 100, 20c a piece by the doz. Eggs \$1.00 for 15, \$2.50 for 50, \$5.00 for a hundred. Good laying strain. Prize winners. B. E. Miller, Newton, Kan.

BARRED ROCKS—68 premiums, Topeka, Manhattan, Clay Center, Denver, 24 regulars, 9 firsts, 4 specials in the show season. Eggs, 15 \$3.00, 30 \$5.00. Utility, 12 premiums, 15 \$1.25, 60 \$4.00, 100 \$6.00. Mrs. D. M. Gillespie, Clay Center, Kan.

SHELLEY BROS.' BARRED ROCKS won 82 premiums at Kansas' largest shows—35 firsts, specials and sweepstakes. Eleven premiums last state and central Kansas shows. Eggs, 15 \$3.00, 30 \$5.00. Elmdale, Kan.

WYANDOTTES.

BUFF WYANDOTTE eggs, \$1 setting. Mrs. Chas. Hough, Weston, Ia.

WHITE WYANDOTTES. Eggs \$4 100. Mrs. M. F. Austin, Miltonvale, Kan.

SILVER WYANDOTTES. 100 eggs \$4.00. Mrs. C. C. Henderson, Solomon, Kan.

CHOICE Buff Wyandotte eggs. Prices to suit. John P. Ruppenthal, Russell, Kan.

SILVER WYANDOTTES, prize winners; 100 eggs \$5.00. Mrs. J. W. Gause, Emporia, Kan.

SILVER LACED WYANDOTTE eggs, 100 \$4, setting 75c. Mrs. Emma Downs, Lyndon, Kan.

SILVER LACED WYANDOTTE eggs, \$1.00 15, \$5.00 100. Alvin Tennyson, Miltonvale, Kan.

WHITE WYANDOTTES. Farm range. Eggs, fifteen \$1.00, 100 \$5.00. Mary Scott, Chase, Kan.

WHITE WYANDOTTES. Duston strain. Eggs 15 \$1.00, 100 \$5.00. Mrs. Geo. E. Joss, Topeka, Kan.

WHITE WYANDOTTES exclusively. Eggs, 100 \$4.50, 30 \$1.75. Mrs. Will Beightel, Holton, Kan.

WHITE WYANDOTTE chicks 12½c, eggs fifteen 75c, one hundred \$4. Mrs. F. J. Myers, Erie, Kan.

WHITE WYANDOTTES. Winners wherever shown. Eggs, 15 \$1, 50 \$2.50. Ira Abbey, Pleasanton, Kan.

COLUMBIAN WYANDOTTES. Select matings. Eggs, \$2.00 per 15. E. F. Martin, Dodge City, Kan.

PURE BRED White Wyandottes. Fishel strain. Eggs \$1.00 15, \$5 100. Alice M. Barnes, Atlanta, Kan.

WHITE WYANDOTTES—Eggs from choice matings, \$1.50 per 15, \$5.00 per 100. Manhattan, Kan. Mrs. L. D. Arnold.

FARM RAISED Silver Wyandottes. Eggs \$1 15, \$5.00 100. Baby chicks \$10 per hundred. Julia Haynes, Baileyville, Kan.

WHITE WYANDOTTE eggs 15, for 75c., \$4.00 per 100. Special price on larger numbers. Mrs. H. G. Stewart, Tampa, Kan.

WHITE WYANDOTTES, Houdans, Indian Runner ducks. Eggs for hatching from prize winning stock. Mrs. D. T. Smith & Sons, Burns, Kan.

COLUMBIAN WYANDOTTE eggs \$1.60 per 15 delivered. Safe delivery guaranteed by parcel post. Address Walter Hogue, Fairfield, Neb.

WHITE WYANDOTTE chicks and eggs. Infertile eggs replaced, also any loss in chicks. 13 years' experience. Mrs. M. E. Johnson, Humboldt, Kan., R. No. 2.

SILVER LACED Wyandottes exclusively 16 years a breeder, eggs from choice matings \$2.00 per 15. Utility stock \$1.00 per 15. W. A. Hunter, Manhattan, Kan.

SILVER LACED WYANDOTTES—Eggs, 15 \$1.00, 100 eggs \$5.00. I guarantee 60 per cent hatch or will duplicate order at half price. F. W. Bethke, Lebo, Kan.

"PIX" BUFF WYANDOTTES—Prize winners. Breeding stock; baby chicks; eggs for hatching. Prices right. Write for mating list now. Geo. B. Pickering, Olathe, Kan.

SILVER LACED WYANDOTTES—Eggs, 15 \$1.00; 100 eggs \$5.00. I guarantee 60 per cent hatch or will duplicate order at half price. Write for circular or order direct. S. B. Dressler, Lebo, Kan.

FOR SALE—Fine thoroughbred White Wyandotte eggs for hatching, fertility guaranteed, \$1.00 a setting, \$5.00 a hundred. Carefully packed. Mrs. H. S. Tonnemaker, R. F. D. No. 2, Beatrice, Neb.

BUFF WYANDOTTES. Prices cut for balance of season. Eggs from all our breeding pens at \$1.50 per 15, \$5.00 per 100. Baby chicks \$1.50 per dozen. Send for mating list. Wheeler and Wylie, Manhattan, Kan.

Reliable Poultry Breeders

LANGSHANS.

PURE BLACK LANGSHANS. 15 eggs \$1, 100 \$5. Mary McCaul, Elk City, Kansas.

GOOD farm raised Black Langshans. Eggs, 15 \$1.50, 100 \$7.50. Mrs. Geo. W. King, Solomon, Kan.

KLUSMIRE'S Ideal Black Langshans. Eggs from choice matings. Write for prices. Geo. Klusmire, Holton, Kan.

BLK. AND WHITE LANGSHAN. Choice mating eggs \$3.00 15; range flock, \$6.00 100. H. M. Palmer, Florence, Kan.

BLACK LANGSHAN eggs from high scoring stock, \$1.50 per setting, \$5.00 per 100. Geo. W. Shearer, Elmhurst Farm, Lawrence, Kan.

TENNEHOLM LANGSHANS. The big, black kind that will lay in winter. Eggs \$1.50 per 15, \$2.50 per 30. Mrs. E. S. Myers, Chanute, Kan.

BIG BONED greenish glossy Black Langshan, score 92 to 96 hens \$1 each. Cockerels \$2.50. Eggs 10 cents each. Guaranteed. H. Osterfoss, Hedrick, Iowa.

SEVERAL VARIETIES.

BLACK LANGSHAN and Houdan eggs ¼ price after May 1st. E. D. Hartzell, Rossville, Kan.

LIGHT BRAHMA, White Wyandotte, Runner duck, Bronze turkey eggs. Emma Ahlstedt, Roxbury, Kan.

ROSE COMB REDS, Silver Laced Wyandottes. Eggs 17, \$1. 100, \$5. Mrs. Ola Elliott, Delphos, Kan.

BREEDER AND JUDGE of all land and water fowls. Terms and catalog free. C. W. Brehm, Route 4, Harvard, Neb.

FAWN AND WHITE Indian Runners, Mottled Anconas. Stock and eggs for sale. G. W. Skinner, Baxter Springs, Kan.

PURE BRED Buff Rock and Single Comb White Leghorn eggs, 15 for \$1.00, 100 for \$5.00. Gus Freeberg, McPherson, Kan.

BARRED ROCKS, Pekin ducks, Embden geese, Bronze turkey eggs. Circular on request. Mrs. John Steele & Son, Chillicothe, Mo.

43 VARIETIES. Poultry, Pigeons, Ducks, Geese, Turkeys, Guinea, Incubators, Dogs. Catalogue 4 cents. Missouri Squab Co., Kirkwood, Mo.

EGGS! EGGS! EGGS!—From Brd. Ply. and W. F. B. S. chickens, \$1.50 per setting. Satisfaction guaranteed. Gus H. Brune, Lawrence, Kan.

STOCK, BABY CHICKS, EGGS: Leading varieties, \$1.50 per 15, \$6.00 per 100. Quality high. Circular free. K. I. Miller, Box B, Lancaster, Mo.

EGGS—All three kinds of pure Indian Runner ducks; white egg strains. S. C. Black Minorcas, S. C. White Leghorns. Eggs guaranteed. Write for prices. D. M. Christy, Blackwell, Okla.

ROSE COMB RHODE ISLAND RED eggs. Pen A, \$1.50 per 15; Pen B, \$1.00 per 15. Barred P. Rocks, range stock, 75c per 15; \$4.00 per 100. Light fawn and white Indian Runner chicks \$1.00 per 12. C. J. Woods, Chiles, Miami, Kansas.

WANTED—Baby chicks and ducklings, any size or age; also want fancy poultry. Write what you have. Shelton & Co., Alcott Station, Denver, Colo.

BARRED ROCKS Our birds again demonstrated their high quality at this season's shows. Very best laying strains. Pens mated for the coming season. Send for descriptive circular. Pen eggs \$3 per 15. Utility eggs \$4 per 100. C. C. LINDAMOOD, WALTON, KANSAS.

White Orpington and Indian Runner Ducks

Eggs \$6 per hundred. Turkey and Geese eggs \$1.75 per setting. We breed all leading varieties of Standard Poultry. Plymouth Rocks are our leaders. Stock of highest quality at let live prices. Write for descriptive circular. Address W. F. HOLCOMB, Mgr. Nebraska Poultry Co., Clay Center, Neb.

Eggs From Full Blood Stock Eggs

26 White or Brown Leghorn Eggs.....\$1.00
13 Barred or White Plymouth Rock Eggs.....1.00
13 Silver or White Wyandotte Eggs.....1.00
13 White Orpington Eggs.....1.50
13 Rhode Island Red Eggs.....1.00
13 Black Minorca Eggs.....1.00
10 White Pekin Duck Eggs.....1.00
10 Indian Runner Duck Eggs.....1.00
100 Leghorn Eggs.....45. 100 White Orpington, 45. c. Others \$5 per 100. Send 25c extra for each setting and we will ship by Parcel Post, prepaid. Otherwise by Express. Remit by Postal or Express Order, on St. Louis.

W. F. CHAMBERLAIN, (The Perfect Chick Feed Man) Dept. 31, KIRKWOOD, St. Louis County, Mo.

Cook's Barred Rocks

My last exhibit at Topeka in Jan., 1911, I won 1st, 3rd and 2nd cock; 4th, 5th hens; 3rd pen, silver cup for best display, and GRAND CHAMPION MALE. TOPEKA CHAMPION was declared by expert opinion to be beyond question the best cockerel ever shown in the west; he won \$54 in cash, a beautiful silver cup and silver medal for best cockerel in the show. His blood greatly predominates in my flock. Better try some eggs which I am selling at \$1.50, \$2 per 15, 50 and \$6 per 100. CHAS. J. COOK, Box B, Marysville, Kan.

ARE YOU INTERESTED in a remedy that is positively guaranteed to prevent and cure all white diarrhoea in baby chicks? Send four cents in stamps for generous sample and circular; do it now.

O. K. REMEDY CO., Waynoka, Okla.

DR. PIERSON'S No Cure No Pay Poultry Cholera Remedy, \$1.00 per box. SPRING HILL, KANSAS.

DR. PIERSON'S Poultry Insect Powder, "Does the Work" 75c per box. DR. PIERSON, Spring Hill, Kansas.

The WOMEN FOLKS

Conducted by Mabel E. Graves

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

A reader who intends to have her recipes well in hand when she needs them asks how to make dill pickles. It's always well to remember that it takes several weeks to get an answer through the paper. Who will answer her?

A Wisconsin professor suggests that in addition to being a place in which to hold school the school house may serve as a place for lectures, a public library, musical entertainments, an art gallery, a motion picture theater, a place to hold parties, an employment office, a public health office and a dental office. How many of these uses has it been put to in your neighborhood?

"Do you ever," I asked of the Boarding House Lady, "get in the habit of being tired?" The boarding house lady is a young woman, tall and well and strong. She lives in a room, furnished by somebody else. Her husband, busy and full of life to his finger tips, is at home on Sunday. Her meals are cooked for her and the dishes washed, her room is swept, her clothes are washed and ironed for her, she has no house to keep, no children to care for, nothing to do but sit on the porch and look pretty; so I thought I knew what she'd say. But she didn't. "Yes," she said, wistfully, "I do. I get so tired just sitting with nothing to do." I've thought so many times about her since, I'm just passing this glimpse of an empty life on to you.

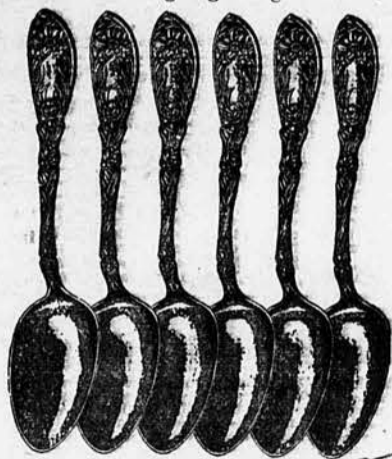
Pennyroyal Drives Out the Bugs.

[Prize Letter.]

I had tried a mixture of carbolic acid, corrosive sublimate and turpentine for bugs, and it didn't work. Besides, it was so poison I had to be very careful with it. I lived in a ceiled house, and found bugs in the wall in one bedroom. I was discouraged and ready to move out; but a neighbor boy told me to try oil of pennyroyal. He had tried it for mosquitoes and since then the bugs had

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 Plated Narcissus Spoons made by the famous Oxford Silver Plate Co. Many. 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.

not bothered. So I got an ounce of the pennyroyal, took a small paint brush and went over the cracks where I had seen the bugs and on all corners of the bedstead. And I never saw any more bugs, although I kept a watch for them. I made just one application at a cost of 10 cents and lived in the house three years.

Cawker City, Kan.

Easy to Wash Pillows.

[Prize Letter.]

Choose a bright, windy day for washing pillows. Fill the wash tub or machine nearly full of hot, clean suds and plunge the pillows, filled with the feathers, one pillow at a time. Wash through about three waters in this way, shaking them about briskly. Rinse through clear water, then hang on the line in the open air. Change the pillows on line from top to bottom occasionally, as they will need shaking around so the air can pass through. They will be light, fresh and sweet. They ought to be hung in the fresh air every day for a week. Never put them directly in the hot sun, as the heat will draw out the oil.

Route 4, Logan, Kan.

The Wheel Quilt Block.

I want to tell you how one Aid Society made a little money. We made a wheel quilt, with eight spokes in each wheel. In the spaces between the spokes names were written, each one paying 10 cents for her name. Twenty blocks made a good sized quilt. When



COMPLETE WHEEL SPOKE IN WHEEL it is finished it will sell for a good price. The illustration shows the complete wheel, and the way of cutting the pattern. Make a circle 7 1/2 inches from center to outer edge and cut out, then fold through the center four times. Cut off an inch at the center to make an open space for the hub, and cut out the folded edge as illustrated. When opened you have the wheel. The wheel can be made of red sewed neatly on an 18-inch square of white.

Farlinville, Kan. M. H. Nichols.

Found Help for Rheumatism.

I had the rheumatism pretty bad last winter. It was in my shoulder and arms and one knee was stiff, and I was getting worried over it. Someone had told me that calamus root would purify the blood, so I began to eat of it two or three times a day. You can imagine my joy when in four days the rheumatism all left me, and I have not had it since. But I keep using the calamus for fear it may come back.

Mrs. F. A. Brock.

Route 3, Fredonia, Kan.

Washing Quilts and Blankets.

Choose a warm, sunny day for washing blankets, quilts and comforters, so they will dry as quickly as possible. Use soft water if it can be obtained. Woolen blankets should be washed in luke warm water, never in hot or cold water, as it will shrink them. Use a good white soap or some reliable woolen soap. Put the blankets to soak for 15 minutes in warm water, soaping them as they are put in the tub. Work them around in the tub, rubbing between the hands and applying more soap where needed. Souse the blankets several times and wring into another warm water, going over them to see if any soiled places have been missed. Rinse a second time, wringing as free from water as possible. Shake well before

hanging up to dry. Roll each corner a trifle and pin with a safety pin to prevent the corners whipping out. When dry they will be fluffy and soft, ready to fold away for another winter. Another way is to stretch the blankets on a curtain stretcher, putting them on double.

Never rinse comforters in cold water, as it tends to harden the cotton batting. Comforters are washed the same way as blankets, only the water should be fairly hot and they should soak a couple of hours in hot, soapy water to loosen up the dirt. The ends may be rubbed on a washboard. After the comforters are dry roll up and beat with a smooth, round stick. This will loosen up the cotton and make the comforters more fluffy. Wash quilts the same as the comforters except that where the colors will not run they should be scalded to make them more clear and fresh.

Fargo, N. D.

Mrs. W. C. Palmer.

Strawberry Pudding.

One quart of bread crumbs, 1 quart sweet milk, 1 cup sugar, grated rind of 1 lemon, beaten yolks of 4 eggs, butter size of a walnut. Mix, put into a buttered baking dish and bake. When done cover the top of pudding with a quart of fresh strawberries and cover all with a meringue made of the beaten whites of 4 eggs and 3/4 cup powdered sugar or 1 cup granulated sugar. Return to oven until top is slightly browned. Serve cold with cream.

Agricola, Kan. Mrs. John Severus.

If you need anything not advertised in this issue of Farmers Mail and Breeze, write us and we'll tell you where you can get it.

The Secret of good coffee

The Crystal
A Sanitary Coffee Mill

The perfect coffee is ground at home. The grocer's mill may have ground a dozen grades of coffee, whose leavings sift into your favorite blend. Moreover, ground coffee rapidly loses its strength and aroma.

The CRYSTAL keeps your coffee in an air-tight glass hopper, free from dust and deterioration. A turn of the crank and the coffee with all its delicious flavor intact goes into the pot.

Buy of your dealer if he has the genuine "CRYSTAL," if not, slip your remittance in an envelope and the Parcel Postman will place one in your hands by return mail.

"The CRYSTAL"—Black enamel finish \$1.00. Blue enamel \$1.50. Nickel Plated \$1.75.
"CRYSTAL DE LUXE"—Oxidized Copper finish, \$2.00.

ARCADE MFG. CO., Dept. 2, Freeport, Ill.

DAISY FLY KILLER

placed anywhere, attracts and kills all flies. Neat, clean, ornamental, convenient, cheap. Lasts all season. Made of metal, can't spill or tip over; will not soil or injure anything. Guaranteed effective. Sold by dealers, or six sent prepaid for \$1.00.

HAROLD SOMERS, 150 DeKalb Ave., Brooklyn, N. Y.

22-Cal. HUNTING RIFLE GIVEN

1913 Take-down Pattern, with all latest improvements, walnut stock and grip. Shoots accurately 22 long or short, handsome, durable. **SEND NO MONEY** Just send your name and address for my easy plan by which you can secure this fine rifle absolutely free Express Prepaid. Write today.

H. A. SLOAN, 52 Epitome Building, SPENCER, INDIANA

Churns Easily and Quickly Cleaned with Old Dutch Cleanser



It digs right down into the tiniest cracks and removes every particle of grease. Cuts butter-rims as nothing else can. Cleans the churn thoroughly, hygienically and keeps it sweet.

Many Uses and Full Directions on Large Sifter Can — 10c.

The Fostoria Incubator

This incubator has been thoroughly tested in the hands of users and has proved its superiority. It is made of the best redwood lumber and is worth the price. It has a double acting regulator that acts quickly, surely and always. Equipped with Tyco's thermometer, the best made. It requires less oil. A special feature is the alarm which makes care of the machine easier and is another check on the temperature. No, it isn't fool proof, but if handled according to simple instructions it will hatch the hatchable eggs. Find out all about the incubator made in the good state of Kansas. Two sizes, 150 and 200 eggs; 30 or 60 days' trial. Money back if not satisfied. Send for the free catalog.

FOSTORIA INCUBATOR COMPANY, B Street, FOSTORIA, KANSAS.



KANSAS MADE

This Man Knows Cream Separators

Farmer Onswon's Advice to Farmers

Look at this BEATRICE. I paid \$75 for it instead of the \$100 to \$110 usually asked for less capacity. It's the only A No. 1 separator on the market which has these two most important virtues:

Highest quality and fair price.

1,000 lbs., \$75.

They have smaller machines for less money.

Twice a day I spend less than 2 minutes to make this

BEATRICE Cream Separator

scrupulously clean and sanitary. The patented device does the trick. How's that compared with the time it takes to clean some other cream separators?

I have never seen a machine that skims closer. At a rough guess my saving every year on cream alone would buy me a new machine. But it's going to be a long time before I need a new machine, for a glance will tell you that the BEATRICE is built for long, long wear.

Let your dealer show you a BEATRICE, or write direct to

THE CONTINENTAL
CREAMERY CO.
Topeka, Kan.
Oklahoma City, Okla.



15⁹⁵ AND UP- WARD AMERICAN SEPARATOR

THIS OFFER IS NO CATCH. It is a solid proposition to send, on trial, fully guaranteed, a new, well made, easy running separator for \$15.95. Skims hot or cold milk; making heavy or light cream. Designed especially for small dairies, hotels and private families. Different from this picture, which illustrates our large capacity machines. The bowl is a sanitary marvel, easily cleaned. Gears thoroughly protected. Western orders filled from Western points. Whether your dairy is large or small, write us and obtain our handsome free catalog. Address:

Box 1092
AMERICAN SEPARATOR CO. BAINBRIDGE, N.Y.



Shinn Lightning Rods

Now protect more valuable property than any other rods made, because they are scientifically perfect. Made and sold under \$75,000 bond. ASK YOUR DEALER For Shinn rods, the kind that are put up by experts and work inspected by our state inspectors. If he has none don't accept any substitute but write for full particulars about guarantee and for catalog. W. C. SHINN 110 10th St., LINCOLN, NEBRASKA

IF YOU STAMMER

Write McKie School for Stammerers, 2400 E. 12th St., Kansas City, Mo. Home and school combined. Highly endorsed. Conducted by former stammerer, Stammerer, E. If neglected, ruins your chance for success in life, but it can be speedily corrected by proper training.

BROWN FENCE

BIG BARGAINS in Fence. 150 styles—13 cents per rod up. We pay freight. Send for bargain book and sample to test—ALL FREE. THE BROWN FENCE & WIRE COMPANY DEPT. 18 CLEVELAND, OHIO



Dairy Farming

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

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

A cow is by nature quiet and ought to be handled quietly.

What sort of scheme have you for keeping milk and cream cool in summer?

The dairy sire is half the herd, whether he is a scrub or the best of pure-breds.

Any sudden change in the calf's diet is likely to start trouble. The change should be gradual.

Having the churn too full of cream will make the butter slow in "coming." Half full is enough.

The "pot-bellied" calf is the product of irregular meals, milk of all temperatures and over or underfeeding.

Experiments show it costs four times as much to raise a calf on whole milk as it does on a skimmilk diet.

A good grain feed for the skimmilk calf is 1 part each of corn meal, ground oats, bran and oilmeal. Feed dry in a box.

Cheap land is the home of beef, but only dairy cows will make the highest priced land pay. This is proving true in Kansas.

One hundred pounds of milk contain about 87 pounds of water and 13 pounds of solids. About one-third of the solids is butter fat.

Glass tumblers filled with whole milk and set away make a fair substitute for a cream tester. The thickness of the cream tells the story in a comparative way.

Easier Way to Clean the Separator. [Prize Letter.]

Mr. Editor—When we are through separating the milk we take the machine apart, wash the parts off in the warm skimmilk and all the cream which ordinarily sticks so closely comes off without any trouble. You can then wash and scald the parts in water without the use of washing powders. Done in this way I find the job of washing the separator is no longer such a dreaded task, and the calves get the cream that is otherwise lost in the wash water.

Mrs. J. H. Ferguson.

Gypsum, Kan.

Points of a Good Milker.

Mr. Editor—It is asserted that a cow producing 200 pounds of butterfat in a year will just about pay her board bill. The following characteristics indicate the desirable type for a dairy cow:

Head, broad between the eyes; nostrils, broad and open; muscle, large.
Neck, lean, trim, blending well in with spare shoulder.
Withers, narrow.
Shoulder, spare.
Heart girth, large, deep.
Back, straight, strong.
Ribs, wide apart.
Loin, broad.
Hips, wide.
Thigh, lean, thin.
Milk veins, large and tortuous.
Udder, large, evenly developed, extending well forward and back, not meaty or too pendulous.

The true test of a cow's ability can only be determined by the Babcock test and milk scales. A simple method of determining a cow's production is to weigh and take samples of her milk at each milking on three consecutive days each month. Multiply the milk produced by the test of the sample and the butterfat production of three days is determined. Her approximate production for 30 days is 10 times her production for three days.

Roy C. Potts.

Dairyman Oklahoma Agricultural College.

Ask Your Neighbor About his DE LAVAL

Wherever you find a De Laval user you will find a "booster."

The De Laval satisfies, pleases and makes money for its more than a million and a half owners.

There are probably quite a number of your neighbors who are using cream separators and in most communities a majority of these machines are De Laval.

If you expect to buy a separator it will be worth your while to see what some of these De Laval users think of their machines.

If the evidence of your neighbors who use and recommend the De Laval is not enough to convince you of De Laval superiority, have the local De Laval agent put one in on trial for you and try any other machine you want to alongside of the De Laval.

Let the De Laval start saving your cream right now, this spring. It will soon pay for itself.



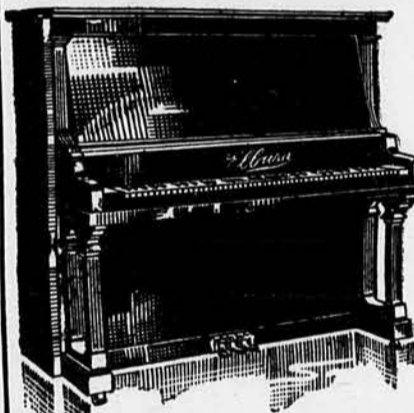
The new 72-page De Laval Dairy Hand Book, in which important dairy questions are ably discussed by the best authorities, is a book that every cow owner should have. Mailed free upon request if you mention this paper. New 1913 De Laval catalog also mailed upon request. Write to nearest office.

The De Laval Separator Co.

New York
Chicago
Frisco

SOONER OR LATER
YOU WILL BUY A
DE LAVAL

Dependable Pianos They Pay!



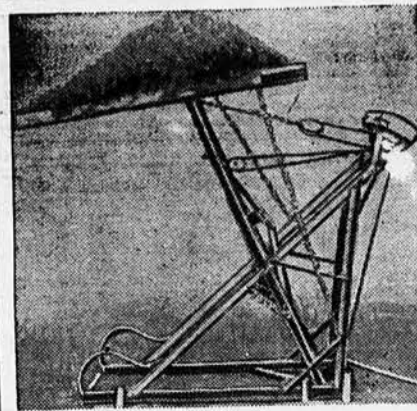
Dependable Pianos—made by factories of recognized reliability—sold strictly on their merits, and exactly for what they are—and not only warranted by the makers but by Jenkins—that's the way pianos are sold here. Strictly one price—and a popular price—a price that takes advantage of every saving that comes from perfect organization, economical selling methods and a tremendous volume of business—that's the Jenkins way.

Steinway, Vose, Kurtzmann, Elburn

pianos on comfortable payments. Write for catalog and prices—\$125 and up. High class guaranteed Player Pianos \$435 and up. Call or write.

J. W. Jenkins Sons Music Co., Kansas City, Missouri

MANURE LOADER



SAVES ITS COST In a short time in labor saved; and again saves its cost in increased crops as a result of manure used which otherwise would go to waste. No hand work required. One man and team in a day can load from 50 to 75 loads of manure or dirt. Write for circular.

ANDERSON MFG. CO., Osage City, Kansas

Bees for the Farm

Need little attention and pay big profits. If you are interested in them send for a sample copy of *Gleanings in Bee Culture*. Also a bee supply catalog.

THE A. I. ROOT CO.
Box 319, Medina, Ohio

Heider

Heider eveners are best by every test. Used by thousands of farmers because they are mechanically perfect. Made of finest material. Work better and last longer than any other. The 3-horse Wagon Evener on wagon with hay loader makes haying easy. Can be used on any wagon, manure spreader, grain drill or implement with pole. We also manufacture complete line of plow eveners for 2, 3, 4, 5 or 6 horses. Wagon doubletrees, single trees, neck yokes, etc.

Ask Your Dealer for Heider eveners and don't experiment with a substitute. Write for our free catalogue. Address HEIDER MFG. CO., 130 Main St. Carroll, Iowa

Eveners

FARMERS CLASSIFIED PAGE.

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

HORSES, CATTLE, HOGS, SHEEP.

REGISTERED Hampshire pigs \$10.00 each. Frank Franklin and Sons, Vinita, Okla.

FOR SALE—18 head Jerseys, registered or eligible. Orville Holman, Huntsville, Mo.

FOR SALE—Registered Holstein calves. Sir Segis Cornacopia DeKol heads herd. W. G. Wright, Overbrook, Kan.

SOME choice Jersey bulls that must be sold quick. Two nearly ready for service. Chester Thomas, Waterville, Kan.

"UP-TO-DATE" Duroc gilts, will breed for August farrow, \$20.00 up. Pedigreed; best of breeding. W. H. Johnson, Spickard, Mo.

FOR QUICK SALE, will make special low price on one Hereford and 14 Shorthorn bulls, 16 to 20 months old. Come and see them. Farm adjoining town. E. R. Morgan, Blue Rapids, Kan.

DOGS.

COACH dogs. Bull dogs. D. H. Bibens, Larned, Kan.

SCOTCH COLLIES. Western Home Kennels, St. John, Kan.

COLLIE PUPS. Females cheap. C. Holliday, Woodbine Kan.

PITT bull terrier pups; 1 bitch 2 years. Archie Williams, Preston, Kan.

BARGAINS in English grey hound pups. Fast stock. J. F. Brass, Leocompton, Kan.

PEDIGREED Foxhound puppies. Papers furnished. Good ones. Wm. Reeve, Earlton, Kan.

THOROUGHbred Spitz puppies 2 weeks old. These are little beauties. Make nice pets and watch dogs. M. E. Wilson, 1306 Jackson, Wichita, Kan.

SEEDS AND NURSERIES.

SWEET POTATO plants. 5,000 \$5.25. Price list. C. H. Carter, Galena, Kan.

SOY BEANS—Ebony variety. Price \$2 per bushel. Write B. Freeland, Dalton City, Ill.

GERMAN Millet, High Grade. Write at once for price. L. E. Webb, Bloom, Kan.

GROWDER PEAS—Best by test; lowest prices. Write Crescent Nursery, Crescent, Okla.

WHITE PEARL seed corn, choice, carefully selected and tested seed. W. A. Hunter, Manhattan, Kan.

EXTRA clean alfalfa seed, free from weed seed, \$8.00 per bu. Sacks 25 cts. extra. G. A. Chapin, Belleville, Kan.

FOR SALE—All kinds sweet potato plants \$1.25 thousand. After April 25. D. Chiles, Oakland, Kan. Mention railroad.

FOR SALE—100 bushels of White Wonder seed corn. \$1.50 per bu. Call or write to E. B. Saylor, Route 3, St. John, Kan.

HARDY BERMUDA roots. Bransack full \$1.00, 6 for \$5.00. Special price on large lots. P. Leininger, Stillwater, Okla.

MAMMOTH black hulled White Kafir. Hand threshed. Selected for early maturity 17 years. J. G. Mitchell, Lafontaine, Kan.

PURE BLACK HULLED re-cleaned Kafir corn seed free from smut. Write for sample and price. August Johnson & Sons, Norwich, Kan.

SWEET POTATO plants. Yellow Jersey, \$1.25 per 1,000; Red Jersey, Red Bermudas, Black Spanish, \$1.50 per 1,000. T. F. Pine, Lawrence, Kan.

NANCY HALL or dooly slips, one thousand or less two fifty per thousand; five thousand or more, one fifty. S. J. Armstrong, Ada, Okla.

PURE SEED CORN. Hildreth Yellow, Kansas Sunflower Yellow, Boone Co. White, Commercial White, White Pearl, also Kafir. Write for free sample and circular. J. M. McCray, Manhattan, Kan.

FOR SALE—Yellow Jersey sweet potato plants, \$1.50 per 1,000; Red Bermuda and Red Jersey at \$2.00 per 1,000, packed ready for shipment. Ready after May 5th. J. R. Blevins, 442 Lake St., Lawrence, Kan.

SPANISH PEANUT seed and Whippoorwill peas. Carefully selected, re-cleaned, fanned, and handpicked at our own mill. Get next to these splendid crops—today. Williams-Hubbard Peanut Co., Texarkana, Ark.-Tex.

PLANTS, F-LANTS. Unlimited quantities of sweet potato, tomato, cabbage and pepper plants for sale at farmer's prices. Good plants moss packed, safe arrival guaranteed. A postal card will bring you prices and varieties. Gilmore Fruit & Plant Co., Topeka, Kan.

PLANTS all varieties early cabbage 25c per 100, \$2.00 per 1,000. Tomatoes 30c per 100, \$2.50 per 1,000. Sweet potato, Yellow Jersey, Yellow Nansmond, 25 cts. per 100, \$1.75 per 1,000. Red Jersey, Red Bermuda, Southern Queen, Early Golden, \$1.90 per 1,000. Not prepaid. F. P. Rude and Son, R. 5, North Topeka, Kan.

FARM WANTED.

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

FARM LANDS.

GOVERNMENT FARMS FREE. Our 112-page book "Vacant Government Lands" describes every acre in every county in U. S. How secured free. Latest diagrams and tables. All about free government farms. Official 112-page book. Price, 25c postpaid. Webb Publishing Co., Sta. K, St. Paul, Minn.

GET YOUR Canadian home from the Canadian Pacific. One-twentieth down—balance in 19 equal annual payments. Loan up to \$2,000 to improve your farm—can be paid off in 20 years. Six per cent interest. Good, rich land in Western Canada—for every kind of farming—from \$11 to \$30 an acre. This offer only to farmers or men who will actually occupy or improve the land. We supply best live stock at actual cost—give you the benefit of expert work on our demonstration farms—equip you with a ready-made farm prepared by our Agricultural Experts if you don't want to wait for a crop. All these lands on or near railways—near established towns. Free booklets on Manitoba, Alberta or Saskatchewan. Address G. M. Thornton, Colonization Agent, 112 West Adams St., Chicago.

LANDS.

FOR SALE—A 320-acre farm. Write to R. Hamble, Otis, Kan.

ALCORN REALTY CO., of Seymour, Mo., has south central land for sale or trade.

QUICK SALES, exchanges. Large property list. Write John L. Maurer, Omaha, Neb.

TRADE for good auto, nice level unimproved 20 a. tract 1 1/2 mi. Fargo, Okla. Frank King, Atlanta, Kan.

FOR SALE—A bargain, 320 acres, rich grain and stock farm, southeast Kansas. Write Sidney Harrow, Chetopa, Kan.

11 ACRES, 6 roomed house, outbuildings, fruit, 4 wells, 3 acres meadow; bargain; possession at once. M. S. Powers, Scranton, Kan.

HALF SECTION Finney Co., Kan., 2 miles new railroad grade, all tillable, cheap, terms. Bennington Realty Co., Bennington, Okla.

FINE BARGAIN. 120 acre farm improved, 1 1/2 mile from railroad town, Webster Co., Mo., \$37.50 per acre. Write owner, Box 594, Neodesha, Kan.

FARMERS, attention. For information regarding farms and stock ranches for sale at owner's prices write Guy R. Stanton, Lebanon, Laclede Co., Mo.

FOR SALE—Two farms Neosho county. 160 acres well improved 1 1/2 miles of town. 80 acres fair improvements near town. Best farms in township. Address Box 125, Thayer, Kan.

WRITE for new illustrated catalog of New York state farms located in St. Lawrence county, the leading dairy county of the United States. Russell, Real Estate, Ogdensburg, N. Y.

RECOMMENDED investment. Elegant farm 150 a. Topeka suburbs, best road, fenced 8 fields, water in each. Suitable for fine stock. Easy for buyers, and to market. Only \$160 a. Smith Agency, 523 K. Ave., Topeka.

BUY DIRECT from owner and save commission. 7 rooms modern, lot 50x230 feet, fruit, shade, houses and runs for 300 chickens, paved street, 7 blocks to Washburn College in Topeka. Price \$3,800. Address M. T. Mall and Breeze.

THE BALLINGER country has rich fertile soil, healthy people, good water, profitable irrigation facilities, cheap land. 23 inches average rainfall. Read about it in "The Democrat," sample copy free. Democrat Pub. Co., Ballinger, Texas.

FOR SALE—320 acres valley land adjoining Colorado river, Central Texas, 250 acres cultivation, close to town, school and church, can be irrigated for \$15 per acre more. Going at only \$35 per acre, on easy terms. C. A. Doose & Co., Ballinger, Texas.

ADVERTISE YOUR PROPERTY in Kansas Weekly Capital for quick and sure results. 200,000 circulation guaranteed—among best farmers in Kansas. Advertising rate only 5c a word. Address Kansas Weekly Capital, Adv. Dept., Topeka, Kan.

I HAVE FOR SALE for a client who must sell, an 844 acre farm in South West Louisiana, 500 acres in cult., 344 acres in live oak timber and pasture, two artesian wells, house and barn, all fenced hog tight, 15 miles from Lake Charles, 3 1/2 miles from Sulphur Station, 7 miles from Vinton oil fields, climate perfect. At a sacrifice price and on terms that will make you buy. This is a real bargain that you cannot afford to overlook. Address Carr W. Taylor, attorney, Topeka, Kan.

TEXAS LAND on 15 years' time. Farms in 20, 40, 80 and 160-Acre Tracts, North of Houston, in the Famous Southeast Texas Coast Country, at \$30 to \$35 an acre, selling on terms of \$1.50 an acre cash and balance in payments running fifteen years. Possession at once. Railroad through land; store, postoffice and station. Fertile soil—produces money-making staple crops of corn, cotton, potatoes, peanuts, cane, as well as truck and fruit crops that net \$100 to \$300 an acre. Mild climate, two crops a year; splendid hog and cattle country; pure water, ample rainfall, no irrigation needed; good markets. Greatest opportunity ever offered the renter, young men, those who want more land, and investors, to get a real farm—not a truck patch. Sale just opened. Write today for free maps, plats and illustrated literature. C. L. Peirce, Owner, 251 First National Bank Bldg., Houston, Texas.

LANDS.

800 ACRE stock and grain farm, well improved, North Missouri. Price, \$67.50 per acre. B. V. Gill, Chillicothe, Missouri.

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

FOR SALE.

FOR SALE—Hedge posts in carlots. Box 211, Winfield, Kan.

LIVERY BARN and stock for sale. For particulars write Box 212, Richmond, Kan.

CREAMERY, almost new, in Oklahoma; trade for land. C. Cunningham, owner, Harper, Kan.

BEE SUPPLIES. Roots goods. Send for catalog. O. A. Keene, 1600 Seward Ave., Topeka, Kan.

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

FOR SALE; great bargain; 10-shovel, 2-row cultivators. Ask for circular and price. Eagle Manufacturing Co., Kansas City, Mo.

FOR SALE—18 H. P. Rumely engine with tender, Case separator 36-58, feeder, wind stacker; complete rig. Price \$600. Address John P. Bartel, Halstead, Kan.

FOR SALE—Good general merchandise store. Goods and building new. Good trade. Address H. Nimz & Co., Bazine, Kan.

FOR SALE—Brick store building, fine location, good town; would trade for good farm. Reason for selling death in family. O. care Mail and Breeze.

FOR SALE. First class "Garscot" threshing machine, complete outfit, in good condition, located in Pratt county, Kansas. Price \$1,250.00. Otto Greif, Pittsburg, Kan.

\$8,000 STOCK of general merchandise for sale or would trade for good land worth the money. \$1,800 against stock; can arrange time on this if desired. Would clear stock if land is clear. Box 29, Gould, Okla.

FOR SALE OR TRADE. Equity in Lamar foundry and machine shop. Value \$1,000.00. Incubance \$400.00. Will consider Kansas real estate. Lamar Broom Works, Lamar, Mo.

MILK BUSINESS for sale. Well established milk distributing business in best city in Colorado. No cattle; milk brought to city plant by producers under contract. Good equipment, wagons, etc. Good trade. Good prices. \$2,000 will buy. Opportunity for large, quick expansion to party with few thousand dollars additional capital. Write at once to A. care - armers Mail and Breeze.

FOR SALE OR EXCHANGE.

EXCHANGES. List your exchange propositions with us. We match anything. Bowman Realty Co., Coffeyville, Kan.

FOR SALE OR TRADE for western Kansas, International 45 gas tractor, fuel tank and 14 disk Emerson plow in good condition. H. C. Wolfe, Lewis, Kan.

FOR SALE OR TRADE—Good threshing outfit a d Model 16 Buick automobile 40 H. P. Also two lots in Dallas, S. D. Address Joseph Pizinger, Holington, Kan., Barton Co.

FOR SALE OR EXCHANGE. 80 a. 4 miles Artesia, New Mex. 40 a. orchard, bal. alfalfa. Artesian well, small buildings. want land in Kansas. H. C. Hammond, Altoona, Kan.

PETS—ANIMALS—BIRDS.

PHEASANTS, wild ducks, geese, swans, fancy pigeons, rabbits, peafowls, guinea pigs, ferrets, dogs, monkeys, Angora cats, foxes, mink, beaver, skunks, elk, deer, antelope, buffalo, pets, game birds, waterfowl and animals of all kinds. Illustrated catalog and price lists ten cents. Horne's Zoological Arena Co., Room 10, Kansas City, Mo.

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

PATENTS THAT PAY. \$561,530 made by clients. Patent book—"What and How to Invent—Proof of Fortunes in Patents" free. 112-page guide. E. E. Vrooman, Pat. Atty., 885 F St., Wash., D. C.

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40% TO 75% saved on tires. Printed guarantee for 2,500 miles with every tire. Generally run 3,000 to 6,000 miles. Every tire re-made by hand, free from imperfections and blemishes of all kinds. Our prices, 28x3, \$6.87; 30x3, \$7.35; 30x3 1/2, \$10.46; 32x3 1/2, \$10.96; 34x4, \$14.90. All sizes. All makes. Write for free catalogue and price list. Peerless Tire Co., 1588(C) Broadway, New York.

LIGHTNING RODS.

ROD your own buildings. Any number of feet at wholesale prices. Harvey Kinsie, Hiawatha, Kan.

POST CARDS.

25 BEAUTIFUL high grade souvenir post cards for only 10 cents. The Rehm Co., Weehawken, N. J.

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YOU CAN earn a valuable premium for a few minutes' work. Samples, etc., 10c. Sandkohl Himself, 2302 Leavitt St., Chicago, Ill.

MEN AND WOMEN wanted for government jobs. Write for free list of positions open. Franklin Institute, Dept N 63, Rochester, N. Y.

MALE HELP WANTED.

PARCELS POST means thousands government jobs open. Write for free list. Franklin Institute, Dept N 63, Rochester, N. Y.

WANTED! Reliable men to sell nursery stock. Outfit free. Liberal terms. Pay weekly. Experience unnecessary. Chanute Nurseries, Chanute, Kan.

WANTED—Reliable men in every County to sell nursery stock. Liberal terms. Outfits free. Experience unnecessary. Write F. H. Stannard & Co., Ottawa, Kans.

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

YOUR opportunity to learn salesmanship quickly. We want ten more good men to act as special representatives in the best territory in Oklahoma and Kansas. Will pay extraordinarily liberal commissions to start. Send one bank reference with application. Address, Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

GOVERNMENT positions open to men and women. \$90.00 month. Annual vacations. Short hours. No "lay offs." Parcels post means thousands of postal appointments. "Full" unnecessary. Farmers eligible. Write immediately for free list of positions open. Franklin Institute, Dept N 63, Rochester, N. Y.

AGENTS WANTED.

CAN USE a few old experienced salesmen for Oklahoma and Kansas to act as special representatives in good territory. Write Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

YOUNG or middle aged men or women wanted, desiring agreeable, very profitable district or local employment, with chance of advancement; good references required; state experience. Address N. I. A., care this paper.

BIG MONEY IN ROOF PAINT. Costs 20 cents gallon to manufacture, sells readily \$1.00 gallon. Send 50 cents for complete formula. We guarantee product absolutely satisfactory or refund money. Easy to manufacture. No machinery necessary. Standard Formula Bureau, Dept. F, Salina, Kansas.

YOUNG MAN, would you accept and wear a fine tailor made suit just for showing it to your friends? Or a Slip-on Raincoat Free? Could you use \$5 a day for a little spare time? Perhaps we can offer you a steady job? Write at once and get beautiful samples, styles and this wonderful offer. Banner Tailoring Company, Dept. 321, Chicago.

SALESMEN WANTED.

SALESMEN WANTED in every county. Liberal terms; cash weekly. Outfit free. Write for terms. Fayetteville Nurseries, Dept. 2, Fayetteville, Arkansas.

SALESMEN—To sell high grade guaranteed groceries at wholesale direct to farmers, ranchmen and all consumers. Earn \$4 to \$10 and up per day. A big chance to get into business for yourself. Save the buyers the retailer's profit. Every customer is a permanent one. Demand constantly increasing. Latest plan. F. M. Hitchcock-Hill Co., Chicago.

MISCELLANEOUS.

IF YOU have any thing for sale or exchange write Funk, Gridley, Kan.

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

TUITION may be paid out of earnings after course is completed. Dougherty's Business College, Topeka, Kan.

CHICK-O for baby chicks. A balanced ration. 25c, 50c or \$1 per sack; \$2.10 per hundred pounds. Write D. O. Coe, Topeka.

PRINTED stationery by parcels post. 100 letterheads and 100 envelopes for \$1.00. Cash with order. Samples free. News, Dept. 22, Thayer, Kan.

BAD DEBTS collected without suit. Everywhere. 24 years exclusively in this work. Bank references given. N. S. Martin & Co., Arkansas City, Kan.

PARCEL POST PRINTING CO., Girard, Kan.—"Was more than pleased with letterheads. Have more work and will not forget you." J. E. Weller, Prop. Legal Tender Herd Duros, Faucett, Mo. (Samples free.)

WANTED—To correspond with progressive farmers in Kansas and Oklahoma who are in favor of farmers co-operative manufacturing their own farm implements. Address W. B. Hampton, 861 Phillips St., Springfield, Mo.

NOTIONS. 100 gold eye needles; pkg. darners; 3 beauty pins; 10 postals; package courtplaster; pencil and penholder. All for 25c. Worth 50c. Satisfaction guaranteed. Sandkohl, Himself, 2302 Leavitt St., Chicago, Ill.

MARKET PROBABILITIES

Both Hogs and Cattle Are on the Down Grade and Only a Decided Shortening of Receipts Will Hold up Prices—Good Demand For Horses and Mules—Improved Crop Prospects Weakening Grain

(Written Specially for Farmers Mail and Breeze.)

Monday there was a general falling off in receipts of cattle compared with the opening of last week, and prices were advanced 10 to 15 cents. Heavy steers took on a much more active turn. The principal falling off in receipts was in Chicago, though all markets reported decreases. Cows, heifers and stockers showed about the same advance as steers.

One day's liberal supply of cattle at one market last week worked havoc in the entire price list. In Chicago Monday 31,000 cattle arrived and that number was so much greater for the price to be paid at all markets, notwithstanding that the total number of cattle received last week fell short of the preceding week. The market is on such a hair trigger edge that supplies above demand are more uninviting than at any previous time in 12 months past. Monday's liberal receipts of cattle were caused by countrymen being eager to clear feed lots before the rush of farm work assumed such proportions that it could not be stopped for marketing purposes. Unless the supply in feed lots has been greatly under estimated receipts of fat cattle at Western markets in the next few weeks will be small. The recent decline, however, has given killers a liking for low prices, and from now on they will be slow to boost values. May is usually a betwixt and between month. Grass fat cattle loom up as a June possibility, and the fed cattle are of diminishing supply. It therefore follows that irregularity and readjustment is the heritage of a May market. The contrary was true last May for the market made substantial gains. The advent of abundant grass has caused a large number of cattle that had been short fed and were dry lot possibilities for later to be turned on pasture. They can be well seasoned for a dry lot finish in September and October. The drop in prices the first two days last week was 25 to 50 cents. The heavy steers showed the greatest loss. After Wednesday there was a moderate advance, but the general market was on shaky pegs of uncertain demand.

Treat and Train Your Own Horses

Prof. Gleason's Big Book, Given Free To Mail and Breeze Readers, Shows How To Prevent and Cure Most All Livestock Diseases and How to Break, Tame and Train Wildest Horses.

This is an announcement that should interest every reader of the Mail and Breeze who owns a horse or livestock of any kind. Professor O. W. Gleason's great veterinary hand-book is admittedly the most authoritative work of the kind ever published. It contains more than 500 profusely illustrated pages dealing with the cause and cure of practically every disease known to horses, cattle, sheep, poultry, swine and dogs, with tried out, proved remedies for each disease.

Realizing the need for knowledge such as this book contains we have purchased a large edition from the publishers and are going to distribute the entire lot on a very liberal and very attractive free gift offer among the readers of this paper.

It is impossible in this limited space to name even a very small part of the hundreds of subjects covered in this great book. Gleason's Veterinary Hand Book is based largely upon the works of Robert McClure, M. D., V. S., one of the most uniformly successful veterinarians this country has ever produced. The methods of treating diseases of horses and other domestic animals are based upon the result of actual practice, not mere theory as is the case with most veterinary books.

Among the many important chapters are Causes of Diseases, How to Observe Diseases, Treatment of Diseases, Cerebro-Spinal Meningitis, Distemper, Dysentery, Eye Diseases, Fistula, Glanders, Internal Diseases, Kidney Diseases, Poisons, Stomach Diseases, Bowel Diseases, Worms, etc., etc.

These are but a few of the hundreds of important subjects covered in Part One of this great book. Special chapters are devoted to the cause and cure of practically every disease known to all livestock.

Part Two contains Prof. Gleason's Famous System of Horse Breaking, Taming and Training. Gleason's marvelous skill in training and treating horses is known throughout the entire world and he is considered the world's greatest authority in this field.

By a special arrangement direct with the publishers we are able for a limited time to offer "Gleason's Horse Book" absolutely free—postage prepaid—to all who send \$1.00 to pay for a one-year new, renewal or extension subscription to our big farm weekly. Send your name and \$1.00 at once. MAIL AND BREEZE, Dept. H. B-200, Topeka, Kan.

The decline took prices below the level of a year ago, and placed heavy steers in the lowest relative price position in more than a year past. A fair price range for prime steers is \$3.50 to \$3.85. Finish is the requirement, and weight makes little difference, though killers would prefer prime yearling steers to heavy heaves. Good to choice steers sold at \$3 to \$3.50, and \$7.50 to \$7.95, gathered in more good beef than killers have got at that price in months past. A good many steers fed cottonseed meal sold at \$7.50 to \$7.85, and some big bunches fed "cake" on grass brought \$6 to \$7.50. They were from Southwest pastures.

Butcher Cattle Prices Lower.

Butcher cattle prices were forced down in sympathy with the break in fat steers, but the net loss in prices last week was only 15 to 25 cents. Both packers and shippers are after the tidy, light weight graders, and a very limited supply is coming. Heavy cows were a full quarter lower, but some of the common kinds showed no price reduction. Veal calves were rather irregular but for the most part held to the level of the preceding week. Bulls were about steady and in active demand.

Slump in Hog Prices.

Hog prices opened steady the first of the week, but weakened a nickel before the close. The reduction was made on light receipts, packers being the only buyers. The top price in St. Louis and Chicago was \$3.55, St. Joseph and Kansas City \$3.40 and Omaha \$3.35.

The hog market performed some acrobatic stunts last week, but the main feature was falling off the price wire with a poor catch net of rebound underneath. The first two days prices fell 35 to 40 cents, rallied moderately in the next two days and then settled back to nearly the low level of Tuesday. The prominent factors in the decline were 60,000 hogs in Chicago, Monday, and a withdrawal of shipping demand. The market was in the hands of packers from start to finish, and their eagerness for lower prices is very pronounced. Packers now are gathering in a large number of product hogs, and while the provision market continues firm, there is no real cause for rush buying. April receipts were nearer normal than any previous month this year, but still below a year ago. May is usually a month of light supplies, and recent liberal marketing would indicate that this May will be no exception.

The Movement of Livestock.

The following table shows receipts of cattle, hogs and sheep at the five western markets last week, the previous week and a year ago:

	Cattle	Hogs	Sheep
Kansas City	25,100	50,950	49,100
Chicago	48,400	133,000	76,000
Omaha	16,200	48,700	37,100
St. Louis	17,700	46,500	13,800
St. Joseph	8,825	28,700	17,500

Total	116,225	307,850	193,500
Preceding week	115,110	287,400	186,700
Year ago	115,825	394,400	167,250

The following table shows receipts of cattle, hogs and sheep at the five western markets Monday, May 5, together with totals a week ago, and a year ago:

	Cattle	Hogs	Sheep
Kansas City	7,000	8,000	9,000
Chicago	18,000	42,000	25,000
Omaha	4,000	5,400	5,800
St. Louis	2,600	8,000	4,500
St. Joseph	2,000	4,800	5,000
Totals	34,200	68,200	49,300
A week ago	48,000	90,500	58,000
A year ago	35,720	77,800	61,000

The following table shows a comparison in prices on best offerings of livestock at Kansas City and Chicago for this week and one year ago:

	Cattle	Hogs	Sheep
Per 100 lbs. 1913 1912	1913 1912	1913 1912	1913 1912
Chicago ..	\$8.75 \$9.00	\$8.60 \$7.75	\$8.00 \$9.00
Kan. City ..	8.75 8.75	8.40 7.70	7.25 8.25

Brisk Trade in Horses.

The demand for horses and mules has ignored the approach of warm weather, and continues active above normal for this season of the year. Prices are firm. Farm requirements for both horses and mules, and construction demand for heavy mules keeps the volume of business large. An early demand is expected for harvest horses. Receipts have been fairly liberal.

Grain Prices Weak; Hay Steady.

Cash grain prices showed narrow fluctuations and for the most part were not unchanged. Demand is rather indifferent and receipts small. Larger supplies are expected later. Hay prices were unchanged. A new classification was added to alfalfa. It comes between the No. 1 and No. 2 classes and is known as standard. Prices took an intermediate



There Is A Specially Prepared Lye That Prevents Hog Cholera

It didn't "just happen" that Merry War POWDERED Lye has proved itself, by the actual experience of thousands of farmers to be the safest preventive of hog cholera, destroyer of worms and the best hog conditioner and fattener the world has ever known. Far from it—that is exactly what I meant it should do—what I have been earnestly striving to make it do during the past 20 years. Therefore I know what I am talking about when I say that Merry War POWDERED Lye is just what I claim it to be—a POWDERED lye, specially prepared, that will prevent hog cholera, destroy worms, condition and fatten hogs!

E. Myers,
President,
E. Myers
Lye Co.

Don't be persuaded to try an ordinary, old fashioned lye as a possible preventive of hog cholera. At best it would be a doubtful, and perhaps a dangerous experiment. The use of Merry War POWDERED Lye is not an experiment. Experience has proved my claim for it. Plain directions for feeding to hogs are printed on the label. These directions are not guess work. They give, as the right feeding them Merry War POWDERED Lye quantity, one-half can to a barrel of swill or drinking water and Merry War POWDERED Lye should be used in that proportion daily to obtain the desired results.

That's mighty cheap hog insurance—only 5c a month—to protect a hog from cholera, and worms, to keep him fat, sleek, healthy, turning all feed into juicy fat—so you can market at the highest price. Letters from hundreds of farmers tell how Merry War POWDERED Lye saved their hogs and increased their pork profits. Here is a sample: "I have about 40 hogs and I have been feeding them Merry War POWDERED Lye the past three months and believe it will do all you claim. Hogs have been dying all around me, but I have not had any sick." A. O. AIELSON, Vicksburg, Miss.

Now Prove All This For Your Own Self. Most dealers handle Merry War POWDERED Lye; 10c per can (120 feeds). It's convenient to buy by the case, four dozen cans, \$4.80. If you can't supply you write us stating dealers' names—we will see that you are supplied and send you, FREE, a valuable booklet on "How to Get the Biggest Profits from Hog Raising." YOU MAY ORDER DIRECT FROM US AT \$4.80 PER CASE OF 48 CANS if your dealers won't supply you.

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



Which Kind Do You Want?



Feather Bed Bargains

Send us this ad with \$10.00 Money Order and we will ship you one first-class, New 40-pound Feather Bed; one pair 6-pound New Feather Pillows, worth \$2.50; one 6-pound New Feather Bolster, worth \$2.50; and one pair Full Size Blankets, worth \$3.50, all for \$10.00. All New goods and no trash. Biggest bargain ever offered. Satisfaction guaranteed. This offer is good for a short time only. Mail money order now or write for circular and order blanks. Reference, American Exchange National Bank. Address SOUTHERN FEATHER AND PILLOW CO., Dept. 54, Greensboro, N. C.

\$10.00 Sweep Feed
Grinder.

\$14.00 Galvanized
Steel Wind Mill.

We manufacture all sizes and styles. It will pay you to investigate. Write for catalog and price list.

CURRIE WIND MILL CO.,
Topeka, Kansas.

position between the two former old grades. Receipts continue small. The following prices prevail for grain in Kansas City and St. Louis:

	Wheat—	Kansas City	St. Louis
Hard No. 2....	88 1/2 @ .89 1/2	.91	@ .93
Soft No. 2....	.99	@ 1.03	1.07 @ 1.10
Corn—			
White No. 2..	.57 @ .57 1/2	.60	@ .60 1/2
Mixed corn...	.57 1/2 @ .57 1/2	.56	@ .57
Oats—			
No. 2 white..	.35 1/2 @ .36	.36	@ .37
No. 2 mixed..	.34 @ .34 1/2	.34 1/2	@ .35 1/2

The following comparison shows prices on best grades of wheat, corn and oats at Kansas City and Chicago for this week and one year ago:

	Wheat	Corn	Oats
1913 1912	1913 1912	1913 1912	1913 1912
Chicago...	\$1.04 \$1.21	57 1/2 81	37 1/2 58 1/2
Kan. City...	1.02 1.17	56 1/2 80	36 58

Seeds.

Kafir corn, No. 2 white, \$1.00 @ 2c a cwt.; No. 3 white, 80 @ 81c a cwt.; alfalfa, 90 @ 12 a cwt.; flaxseed, \$1.10 a bushel; timothy, \$1.50 @ 1.75 a bushel; cane seed, 55c @ 1.10; red top, 75 @ 95c; millet seed, \$1.00 @ 1.30.

The Broom Corn Market.

The trade in broom corn continues dull, and practically along unchanged lines compared with the preceding weeks. The warehouse men are the principal holders of supplies and keep prices steady. No stock is moving from first hands for the reason that growers have practically sold out. Choice green, selfworking corn is quoted at \$80 to \$90; fair to good, \$45 to \$75; common to fair, \$20 to \$40.

Livestock in Kansas City.

Cattle prices last week were subjected to sharp reductions and considering the declines that have ruled since the first of April the market is on a much lower basis than a month ago. The net loss on heavy steers last week was 25 to 35 cents, and on the lighter weight steers 15 to 25 cents. The light weight grades closed the week about 10 to 15 cents higher than Tuesday the low day. Prime fat steers are quoted at \$3.50 to \$3.65, possibly something fancy would have brought \$3.75 on the close. Good to choice steers are quoted at \$3 to \$3.50 and fair to good kinds \$2.25 to \$2.75. Cows are selling at \$4 to \$7.50; heifers, \$5 to \$8.25; calves, \$6 to \$9.75; bulls, \$4.50 to \$7.25; stockers, \$6.50 to \$8, and feeders, \$7.25 to \$8.15. On the quarantine side steers sold at \$6 to \$7.85.

Hogs last week were less attractive to packers than for some time past and prices closed 30 to 35 cents lower. Packers were about the only buyers. The top price Saturday was \$3.35, and bulk, \$3.20 to \$3.35.

The following table shows the range in (Continued on Page 19.)



This Fine \$55.00 BUGGY
only \$29.50

MUTUAL BUGGIES are recognized everywhere as standard—proven the best. Only line guaranteed for 5 years. Sold direct cutting out middlemen's profits and saving you \$25.00 to \$45.00 on each buggy. This Fine Model \$29.50 Buggy. Style G. L. Only. Retailers at \$55.00. Delivered Price on request.

Other styles have twin auto and triple auto seats, with automobile top. Also Surreys, Spring Wagons, Farm Wagons, Farm Trucks, etc. All at lowest wholesale prices—Sent on approval—Guaranteed to please or your money back.

MUTUAL HARNESS is the best on the market—made of highest grade pure leather—sold direct at a saving of 25% to 50%. S. H. N. Co. FULLY GUARANTEED.

Single buggy harness \$5.85 per set up; double, \$14.10 up; work harness, \$19.00 up. Write today for FREE Catalog and Delivered Prices. Mutual Carriage & Harness Mfg. Co., Station 38E, East St. Louis, Ill. or Station 38E, 6 E. 11th St., Kansas City, Mo.

Finlay Engineering College
All Branches Engineering; enroll any time; machinery in operation; day and night session. Finlay Bldg., 10th and Indiana, K.C., Mo. Ask for catalog "D". Phone East 206.

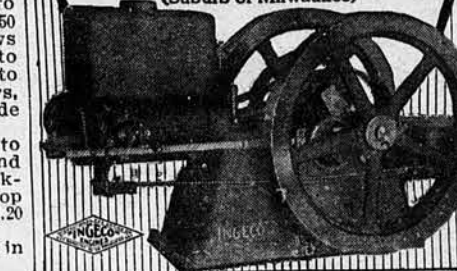
"INGECO" Engines

Reliable at all times

The "Ingeco" Engine responds to every demand in any kind of weather—on any kind of job, anywhere. Very simple construction, but strong and made to last. Economical in fuel consumption. Easy to start—runs as long as there is fuel in the tank.

All sizes from 1 1/4 to 60 H. P. Stationary—Portable—Semi-Portable. Write for name of nearest dealer, and catalog giving reasons why this is the engine for you to consider.

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(Suburb of Milwaukee)



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GOOD farms for sale or ex. in Bourbon Co., eastern Kan. Fred L. Kent, Uniontown, Kan.

EASTERN Kansas impr. farms \$35 per a. up. Write for list. H. J. Walrad, Moran, Ks.

640 A. level land, Hamilton Co., Kan. Titles perfect. Only \$4,000. Chas. E. Hoffman, Kress Building, Salina, Kansas.

160 ACRES Franklin Co., Kan. One mile from town. \$42.50. Other bargains. Send for list. A. E. Clark & Son, Pomona, Kan.

STEVENS county; land on new R. R. in Stevens and Morton Cos. \$8 to \$20 per a. Write or see John A. Firmin, Hugoton, Kan.

FOR SALE. Fine 400 a. Marion Co. farm near Burns. \$40. 160 a. \$6,000. Both worth \$50. Guss Schimpff, Burns, Marion Co., Kan.

FOR SALE by owner, fine stock farm, 480 a., plenty timber, alfalfa; good water; good buildings. 1 1/2 mi. R. R. town; 1/2 mile of flour mills. W. S. McCulley, Alton, Kan.

WRITE for big printed list of corn and alf. farms in rain belt of Kansas. Biggest list choice farms in state. Kenyon & Holman, Concordia, Kan. (Pioneer Kan. farmers.)

MUST SELL to close estate, 9 quarters choice land well located, and new R.R. from Dodge City passes through land. Only 5 mi. west of Santa Rita. Box 844, Garden City, Kan.

BEST BARGAIN ever offered. 100 a. near town, school, best imp. Free gas and \$1,400 gas royalty in adv. \$325 rental. \$10,000. More particulars. E. R. Dice, Neodesha, Kan.

GREAT Jeff. Co. bargain. 93 a. 3 mi. R.R. high school town. 70 a. cult. Bluegrass past. timber. Owner widow. \$5,000 house; outbuilds. \$85 a. J. A. Decker, Valley Falls, Ks.

260 A. good bottom land \$25 per a. under cash value. Mostly alfalfa land. If you see this farm you will buy it. Write for description and price. Box 1, La Cygne, Kan.

160 A. 2 miles town, 1/2 mile school; 7 room house, large barn, 100 a. bottom; 40 a. alfalfa; fine orchard, fine improvements, nice home. Price \$85 per acre. GILE & BONSALL, South Haven, Sumner Co., Kan.

SIT DOWN AND WRITE. Land is selling 100% better than six months ago. Right now is the time to get in. Everything indicates delay will bring increase in prices. We have a few unusually good propositions. Write us what you want and we will tell you what we have. J. E. Couch Land Co., Anthony, Kan.

270 ACRE well improved corn and alfalfa farm, 5 mi. Garnett, \$6,500.00. Terms. 240 acres corn and alfalfa farm 3 miles railroad, \$45.00. Terms. Other good ones. S. C. Bybee & Co., Garnett, Kansas.

1,250 A., 300 a. alfalfa bottom, running water, up-to-date impr. 900 a. finest blue-stem pasture, fine location. 8 mi. Eldorado. \$40 per a., 1/2 down, as long time as desired on bal. at 6%. Other ranch bargains. V. A. OSBURN, Eldorado, Kansas.

960 ACRE hay, grain and stock farm, located 3 miles of good town in Butler county, Kan., has fair improvements, 65 acres in cultivation, greater part of balance is mow land and very fine, will pay 6% on purchase price of \$36 per acre. No trade. E. E. Foley, Wichita, Kan.

FOR SALE BY OWNER. 16 quarters, adjoins German settlement Minneola. Small payt., bal. 8 years 6%. Write at once. Box 317, Minneola, Kan.

ALFALFA AND WHEAT LANDS at \$20 up. Grass lands \$10 up. Crops are good; prices are rapidly advancing—NOW'S the time to buy. List free. A few exchanges considered—they must be gilt edge. WILLIAMS & PICKENS, Meade, Kan.

IN MONTGOMERY COUNTY. 320 acres fine meadow and pasture at \$20 per acre; improved 80 acres at \$2,500. Nice acreage tracts adjoining Independence, easy terms; other bargains. FOSTER BROS., Independence, Kan.

Stevens County

Write for prices on R. R. lands. Easy terms. Santa Fe Land Co., Hugoton, Kan.

ALFALFA FARMS Write for list of farms and ranches near the best college town in the state. T. B. GODSEY, Emporia, Kan.

Good Quality at Low Cost

235 acres near Garnett, Kansas, most blue-stem meadow, low price, 80 acres, well improved, 3 mi. of town, subject to one year lease. 160 acres, 1/2 mi. of town, well improved. SPOHN BROS., Garnett, Kan.

400 ACRES FOR SALE

Two sets of improvements in fair condition; plenty shade trees, 2 good wells, windmills and concrete water tanks; also creek water at each place. 240 a. of bottom alfalfa land and 160 a. of upland (black soil). 200 a. in wheat, 30 a. alfalfa, 60 a. pasture, bal. corn land, all tillable. 2 mi. town. Phone. Level roads. Will sell part or all. Terms on part. Price \$80 per acre. T. F. JOHNSTON, Garfield, Kan.

FOR absolute bargains in any sized farm find C. D. Kregar, Lincolnville, Kan.

WRITE J. M. McCown, Emporia, Kansas, special bargain list, farms and ranches.

AGENTS WANTED, to sell Neesho Valley corn and alfalfa lands. \$40.00 to \$60.00 per a. G. W. Clark Land Co., Chetopa, Kan.

CENTRAL Southern Kan. alfalfa lands. 320 a. valley land, 200 suitable for alfalfa, \$8,000. 160 a. in valley, 120 in cult., \$4,300. For free list write P. E. THORNTON, Coldwater, Kan.

100 IMP. and unimp. farms for sale in Edwards, Ford and Hodgeman Cos., \$1,100 1/4 up. For further information and list call on or address THOS. DARBEE, Olerie, Ks.

A BARGAIN—680 acres, 3 miles from town; 150 acres in wheat, balance in pasture. Price \$15 per acre if sold soon. Write PIONEER REALTY CO., Protection, Comanche Co., Kansas.

SACRIFICE sale; 320 acres, 60 acres pasture and hay, 2 good wells and a spring; 70 acres wheat, bal. in crops. Possession August 1st, 1913. 1/2 of all grain to purchaser; \$14,000. LOCK BOX 285, Wellington, Kan.

672 ACRE farm, 3 sets improvements, near Arkansas City, Kan. 65 in alfalfa. Best of terms. Ask about this good farm. 80, 160, 240, 320, 408, 620, all above farms are good prices from \$30 up to \$50 per a. W. M. GODBY, Arkansas City, Kan.

COFFEY COUNTY, EASTERN KANSAS. Good homes and investments. Corn, tame grass and ranch lands, \$30 to \$60 per a. List free. LANE & KENT, Burlington, Kan.

MONEY-MAKERS AND GOOD HOMES. Lands in Oklahoma, Texas and Kansas for sale, no exchanges. City property and stocks of mdse. to exchange. List free. JABEZ F. BRADSHAW, Lenexa, Kan.

FOR SALE. 32+ acres level wheat land \$9.00 per acre. Carry 1/2 on land. Also many other good bargains in corn, wheat and alfalfa lands. L. E. PENDLETON, Dodge City, Kan.

SOUTHWEST KANSAS FARM LANDS. Honest prices. Where wheat leads the world. Corn crop values beat wheat and alfalfa growing leads the continent. LISTON DENNIS, Stafford, Kan.

COMANCHE COUNTY BARGAIN. 480 a. improved, 9 miles from Coldwater. 173 a. fine growing wheat, all goes for quick sale, price \$27.00 per a. Terms if desired. C. A. HEATON, Larned, Kansas.

OLD LADY MUST SELL. 160 acres 1/2 mi. of town, 90 a. bottom land, 40 a. pasture, 10 a. timber; 120 acres in cultivation; 7 room house, barn 30x40. Price \$10,000, with terms to suit. MANSFIELD, Ottawa, Kansas.

LENN AND BOURBON CO. FARMS. Biggest bargains in Kan. Corn, wheat, timothy, clover, bluegrass land \$15-\$80. Coal, wood, gas, abundance good water. Fruit, everything that goes to make life pleasant. Large illus. folder free. EBY-CADY REALTY CO., Pleasanton and Ft. Scott, Kan.

50 ACRE FARM, A BARGAIN. 50 a. joining town. 7 r. house, shade, 2 barns, calf shed, hog sheds and pasture, 2 hen houses, corn crib, wood house, milk house, 2 cisterns, 2 wells. 1 a. small fruit. 8 a. alfalfa. 15 a. hog tight fence. Bluegrass pasture. 20 a. fine bottom land. F. W. BERTSCHINGER, Leocompton, Kan.

HAY FARM FOR SALE. 160 acres of land 3 miles from Colony, Anderson Co., Kansas. 100 acres in native meadow, 15 acres pasture, 45 cult., improved with house and barn, good water. The hay alone has been making \$500 per year. Am offering this at the low price of \$40 per acre as I have other interests and cannot see to it. For sale only. Address J. F. RESSEL, Owner, Colony, Kansas.

For Sale By Owner \$3,500 stock of furniture and undertaking goods, doing good business and located in a good town in Northern Kansas. Liberal discount for cash. E. A. MILLER, Centralia, Kan.

Making Money

Is no trick if you invest in Plains, Kansas, town lots, where prices are certain to advance. Choice locations, today's prices \$17.50 to \$50, easy monthly payments. Only a few to be sold at these low prices. ACT QUICK if you want to make a profitable investment. Write for list and literature. JOHN W. BAUGHMAN, Desk G, Plains, Kan.

Along the New Railroad

5 quarters in Haskell, Grant and Stevens counties, near new railroad towns on D. C. & C. V., for \$7 per acre, on easy terms. Can sell single quarters. HAVE GOOD PROPOSITION FOR AGENTS. DON VAN WORMER, Richfield, Kan.

Sedgwick Co. Farm Bargains

80 a. farm only 3 miles of Wichita; best of land, improved, \$110 per a. Terms. 280 bottom land farm; none better for alfalfa, improved, 1 mile R. R. town, snap at \$50; terms to suit. 145 a. farm, house, 2 barns, good land, fine home. \$60 per a. \$2,000 cash, bal. long time. 21 a. farm, bottom land, good improvements, in edge of Wichita, \$6,500. Call or write H. E. OSBURN 315 E. Douglas, Wichita, Kansas.

NEW YORK

WE HAVE all kinds of farms for all kinds of people. Bargains coming every day. Write for catalog. Hall's Farm Agency, Owego, Tioga county, N. Y.

CANADA

For sale, improved farms, ranches and raw lands in Southern Alberta. LYNN W. BARRETT, Aldersyde, Alberta.

NEW YORK

WE HAVE all kinds of farms for all kinds of people. Bargains coming every day. Write for catalog. Hall's Farm Agency, Owego, Tioga county, N. Y.

BARGAIN: 160 a. nicely improved, 1/2 mile out, \$6,000. Send for land list. F. C. LIBBY, Blue Mound, Kan. J. L. Wilson, Salesman.

IF YOU WANT TO BUY LAND in western Kan. for \$6 to \$10 an a., write Geo. M. Lynch, Co. Treas., Tribune, Kan.

4 STOCK FARMS for sale at \$36, \$41.50, \$50 and \$62.50 per a. PRAIRIE BROS., Bremen, Kansas.

ARKANSAS

CHEAP homes. Send for literature. F. & M. Bank and Trust Co., Horatio, Ark.

ARKANSAS farms for sale. Terms. List free. J. C. Mitchell, Fayetteville, Ark.

80 A. impr. valley farm; on Ry. 35 cultivation. \$15 a. Robert Sessions, Winthrop, Ark.

891 A. alfalfa and cotton land; some improved, tracts to suit. \$75 per a. New list free. Pope Co. R. E. Co., Russellville, Ark.

348 ACRES Arkansas bottom land, 2 1/2 mi. from Co. seat; 200 acres in cult. Rents pay \$2,000 annually. \$60 per acre. No trade. Frank Bates, Waldron, Arkansas.

160 ACRES one mile from Oliver, Ry. town; church, school; partly improved; good timber. In Scott county, Arkansas. Price \$3 per acre, cash. Box 308, Heavener, Okla.

17,000 ACRES, no rocks, hills or swamps. Any size farms Grant Co. \$1.50 per a. down, bal. 20 yrs. at 6%. Employment. TETER & Co., Op. Union Depot, Little Rock, Ark.

FOR SALE—80 a., 45 in cultivation, good buildings, 3 acres orchard, fine water; 1 1/2 mile to station; 3 1/2 from county seat. Big Bargain. \$1,350. F. J. Ray, Little Rock, Ark.

ARKANSAS lands for all staples at reasonable prices, on good terms. Prices are steadily advancing. Now is the time to buy. New list free. HORTON & CO., Hope, Ark.

260 A. rich 2nd bot. land, nearly level; springs, running water. 30 a. high land, red sub-soil, no stone. \$8 a. Terms. Write NOW. F. & M. Bank & Trust Co., DeQueen, Ark.

FOR SALE: I have 80 a. dark sandy loam, 50 a. cult., bal. timber, 5 room residence, barn, fine water. 5 mi. to Cabot and in fine white neighborhood. Price \$18 per a. if sold soon. W. M. Hudson, Cabot, Ark.

150 ACRES: 1 1/2 miles Waldron; 125 a. in cult., 60 a. bottom. Fenced and cross-fenced, hog tight. Fine pasture with creek; two houses. This farm will grow anything. Splendid good bargain at \$35 per acre. Easy terms on one-half. Hubert Hall, Waldron, Ark.

OKLAHOMA

INDIAN LANDS eastern Okla. rain belt. Write J. J. Harrison, Pryor, Okla.

N. E. OKLA. prairie farms. Easy payments. Write J. T. Ragan, Vinita, Okla.

20 FINE farms, bargains. N. E. Okla. valley. Dennison & Griswold, Claremore, Ok.

FOR SALE—An alfalfa farm of 160 acres in Grant county, Oklahoma, 85 acres of which is now seeded to alfalfa. F. L. PATTEN, Kingfisher, Oklahoma.

900 A. smooth black land, adjoining the town of Caddo, 800 in cult. 4 good sets of impr. Can sell in small farms. Price \$50 per a. E. Holcomb, Durant, Oklahoma.

160 A. 9 mi. of Kingfisher, 40 a. wheat, 40 a. oats, price below others of same locality. E. M. Worl, Kingfisher, Okla.

BEST alfalfa farm in Oklahoma. 90 a. growing alfalfa, 25 a. wheat, 25 a. oats; 3 mi. hog tight fence; one-half mile to \$50,000 federal building. The greatest bargain ever offered. One-half mile to this city. C. W. Smith, Kingfisher, Oklahoma.

CADDO COUNTY WINS First on agricultural products at State Fair. Write for information, corn and alfalfa lands. Baldwin & Gibbs Co., Anadarko, Okla.

INDIAN FARMS for sale in rain, corn and oil belt of N. E. Oklahoma at from \$15 to \$35 per acre. Easy terms. A perfect title is guaranteed. For description and prices write the owner, W. C. WOOD, Nowata, Oklahoma.

WRITE US FOR DESCRIPTION OF FARM That pays 10% cash income this year and that we guarantee to pay 9% on cost price next year. Also inquire about pasture land at \$3.50 to \$90 per acre. SOUTHERN REALTY CO., McAlester, Okla.

1192 A. RANCH

300 acres in cultivation, 60 acres in alfalfa, all fenced and cross fenced, 500 a. of bottom land, two miles running water, 7 room house, good water, 4 miles from R. R. town. Will sell or trade. Write for full information. CHOWNING & OARE, Cherokee, Okla.

CANADA

For sale, improved farms, ranches and raw lands in Southern Alberta. LYNN W. BARRETT, Aldersyde, Alberta.

NEW YORK

WE HAVE all kinds of farms for all kinds of people. Bargains coming every day. Write for catalog. Hall's Farm Agency, Owego, Tioga county, N. Y.

LOUISIANA

DON'T be a renter; we sell finest improved corn land in North Louisiana on 15 years' time. Write HUGO JACOBSON, Salina, Kansas, immigration agent.

FOR SALE. Farms and timbered land. A half million dollars has been made by the berryman and the season is not more than half over. If you want a berry farm, write T. E. Sanders, Box 14, Independence, La.

LOUISIANA LANDS. We offer some bargains in Louisiana lands near Shreveport. Write for free map of state. W. A. Jones, Shreveport, La.

FLORIDA

FOR SALE BY OWNER: Four very desirable improved pieces of property in Alachua county, Fla. 90, 20, 30 and 30 acre tracts on large lake. Not to be classed with the ordinary Florida lands being offered for sale. Terms to suit customers. T. S. McMANUS, Waldo, Fla.

MISSOURI

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

WRITE Morris & Walker for list of south Missouri farms. Mountain View, Mo.

HOMESSEKERS farm list. Southwestern Land & Imml. Co., Springfield, Mo.

Chicken ranch, \$600. Terms. Other farms. Pictures, maps, free. Box 594, Mt. View, Mo.

FREE "The Ozark Region." Contains new list cheap lands, and valuable information. Durnell & McKinney, Cabool, Mo.

WRITE for list improved farms in heart of Corn Belt (Northwest part of State). H. J. Hughes, Trenton, Missouri. Seller of Missouri Black Dirt.

\$5 DOWN, \$5 monthly, buys 40 acres; fruit, poultry, grain land near town. Price \$200. \$10 monthly buys 80 acres. Address Box 372-R, Carthage, Mo.

LAND BARGAINS—\$5 down, \$5 monthly buys 40 acres, good timber land, south Missouri; price \$200. Perfect title. Write for list Mo. lands. Fred Jarrell, Mt. Vernon, Ill.

VALLEY FARMS, \$25 to \$50; unimproved lands, \$6 to \$20; orchard and berry farms, \$40 up; water and climate unexcelled. Literature and free list. ANDERSON REAL ESTATE CO., Anderson, Mo.

I HAVE for sale fine farms from 40 a. to 1,000 acres, at \$5 per a. and up, in one of the best counties in the state of Missouri; new railroad now building. For list and particulars write W. D. Blankenship, Buffalo, Mo.

ONE of Howell Co., Mo., good farms, 279 a.; 170 cult., 9 room house, good cellar. Large barn, other buildings. Orchard, fine water. 3 mi. railroad town, 6 mi. county seat, West Plains, on R. F. D. and phone line. 1/2 mi. school. \$40 a. No trade. A. P. COTRELL LAND CO., Pomona, Howell Co., Mo.

A SNAP—120 acres Vernon Co., Mo. 10 mi. Eldorado Springs. Valley land; in cultivation; 4 room house. Barn and orchard. J. R. Ford, Agt., Eldorado Springs, Mo.

BATES COUNTY FARMS ranging from 40 to 800 acres; \$40 to \$75; located 60 miles south of Kansas City, Mo. J. D. SAGE, Amsterdam, Mo.

A SNAP FOR THE CASH. 200 acres, 160 fenced, 120 cultivation. 2 1/2 miles to postoffice, 1 mi. to school, 10 to county seat. Good house and barn; everlasting spring, fruit; price \$4,000. Will give terms. KIRWAN & LAIRD, West Plains, Mo.

MISSOURI AND KANSAS FARMS. We can show you some splendid farm values. We have an excellent farm of 240 acres. SPECIAL PRICES AND TERMS! Ask us about it. STIPP & CHAPPELL, Merwin, Mo.

OZARK LANDS FOR SALE. 40 a., all fenced with woven wire. 36 a. in cultivation, bal. pasture, new 5 room house, large barn and other outbuildings, fine water, 1/2 mi. school; mortgage \$500 due 4 yrs. at 5 1/4%. Price \$1,400. List free. JAS. B. WEBB, West Plains, Mo.

POLK COUNTY FARMS For Sale or Exchange. Ideal climate, pure water, fine pastures, short feeding season, productive soil, prices and terms to suit. HARRY T. WEST REALTY CO., Holivar, Mo.

A Remarkable Bargain

320 A. all level land, 65 a. in cult., 80 a. pasture; bal. saw and tie timber. 150 fenced, wire and rail; 9 room house, good well at house; barn 70x76; good well at barn; smoke house, other outbuildings; phone in house; handy to school and church; 6 mi. to North View on Frisco R. R. 5 mi. to Fairgrove 8 mi. to Co. seat, Marshfield; price \$17,000. Incumbrance \$5,000, 5 per cent, due 6 years; will exchange for good Kansas farm. Will assume as much as \$9,000. What have you to offer? See or write PURDY & COMPANY, Springfield, Mo.

Ozark Unimproved Farm Bargain

150 acres of good unimproved farming land, near Van Buren, county seat of Carter Co. Fine pasture land, good for dairy, fruit and in fact you can raise almost anything you can raise in the North. Located in the Ozarks of Missouri. Makes the climate the very best. Excellent water. Price \$10 per acre. For full particulars write JOHN M. CARNAHAN, Van Buren, Mo. (County Recorder Carter Co.)

FOR SALE OR EXCHANGE

GROCERIES for land or land for mdse. F. Gass, Joplin, Mo.

OZARK farms and mdse for sale or trade. Noah Atkinson, Marshfield, Mo.

FOR results list your property for sale or exchange with S. H. Rhea Real Estate and Auction Co., Moline, Kan.

GOVE COUNTY real estate for sale or exchange. What have you? F. B. Hazelwood, Clerk District Court, Gove, Kan.

960 A. Trego Co.; 200 creek alfalfa land, impr. \$24,000. Would consider good 160 acre farm for part. Stevens & Ruby, Stockton, Kan.

FARMS and ranches for sale or exchange. Describe fully what you have or want. M. F. Simmons, 817 Walnut St., Kansas City, Mo.

PROPERTY owners, if you want a quick trade list with us. Now preparing new list. Send for listing blank. Buxton Land Co., Utica, Kan.

200 A. stock farm E. Kan., 40 a. alfalfa land. \$45 a. cash. 160 a. Pawnee Co., Kan. 135 a. wheat. Trade for E. Kan. 80. J. W. Watkins, Quenemo, Kan.

80 ACRES, all tillable, 2 miles town; located in Allen county, Kansas. Price \$50 per acre; owner wants to trade for city property. Mansfield, Ottawa, Kansas.

160 A. good land, 10 ml. Dodge City; 90 a. cult.; fenced, house; \$3,200, carry \$1,100 6%. Consider trade for rental or mdse. Write for list. L. L. Taylor & Co., Dodge City, Kan.

HAVE a fine 1,120 acre stock ranch to trade for small place as part pay and give good terms on difference. \$15 a. clear. Write Walter A. Doerschlag, Ransom, Kan.

WHAT have you to trade for Arkansas level cutover land? Close to railroad; no overflow; no negroes; no rocks. Shaeffer Land Co., 640 Reserve Bk. Bldg., Kansas City, Mo.

120 ACRES, all new improvements, 5 room house, barn 30x40, other good outbuildings, 2 wells, 3 miles of town. Owner wants to trade for a lively stock. Mansfield, Ottawa, Kansas.

SNAP—Good flour mill in heart of grain belt. Cash price \$15,000 clear. Would exchange for good land. Full description on request. A. W. Bremeyer & Co., McPherson, Kan.

160 ACRES 8 miles from Marion, well improved, for sale or exchange. Owner wants more land near German Lutheran church with moderate improvements. Will assume \$3,000 or \$4,000 on something suits. Price \$85 per acre. W. P. Morris, Marion, Kansas.

FREE—Loose Leaf Exchange Book. It will match your trade. Write Desk A. E. P. JOHNSON, Ordway, Colo.

FOR EXCHANGE. 160 a. near Ft. Morgan, Colo., at \$10,000 and 63 a. near Brush, Colo., at \$150 per a. Both farms clear. Walter Hanson, Sabetha, Kansas.

FOR SALE—Choice wheat, corn, and alfalfa lands, in Clark, Ford, and Meade Cos. Write for list, trades.

NATE NEAL, Real Estate, Minneola, Kan.

640 acres 6 miles from Ingalls, Gray Co., Kan. All tillable, 170 acres in cultivation, 320 acres under fence, good well, house, and barn, \$17.50 per acre. Terms, \$6,200.00 cash, balance time at 6% interest. Will take automobile as part payment. Address James Pizinger, Holington, Kan.

EXCHANGES—all kinds—free list. Foster Bros., Independence, Kan.

WRITE Fred L. Kent, Uniontown, Bourbon Co., Kan., for honest prices on farms.

TRADES everywhere. Get our large list. Burrow's R. E. Ex., Warm Springs, Ark.

\$16,000 GENERAL merchandise, never changed hands; for good Kansas land. A. W. BREMEYER & CO., McPherson, Kan.

WE HAVE a section of unimproved Sherman county land that we can trade for a stock of mdse. or good clear rental property. Kysar Realty Co., Goodland, Kansas.

\$9,000 STOCK of mdse. to trade for land. Exchanges made. Buyers found. Can trade anything. Send for list.

H. E. Petty, Neodesha, Kan.

FARMS, stock, and city property for sale or trade. What have you to offer? Bigham & Ochiltree, 802 Corby-Forshee Bldg., St. Joseph, Mo.

280 A. Ness Co., Kan., well improved; price \$30 per a. Mtg. \$4,000. Wants 5 or 10 a. Write for information. Good time to list now.

Owner's Sale & Exchange, Independence, Ks.

160 A. irrigated farm in Colorado to trade for good hotel. Three clean modern residences located in eastern Kansas, town of 3,000 to trade for good improved farm 80 to 120 a. Also fine bargains in alfalfa farms and suburban properties; 5, 10, 20 and 40 acre tracts. For information address Box 193, Garnett, Kansas.

FOR SALE AND EXCHANGE. Washington Co. improved farms at \$50 to \$180 a. Write F. E. Beeson, Washington, Ks.

FOR SALE OR EXCHANGE for hardware, (other property considered), 2 quarter sections land, 1 quarter for rent, possession this season. For particulars, address Box 44, Wayne, Kansas.

ICE PLANT FOR SALE OR EXCHANGE.

Having in connection a bottling department, creamery, ice cream and water department. This plant is located in a good southern town; was completed less than 2 years ago at a cost of \$125,000. On account of other business the owner desires to dispose of the plant and will accept ranch land in part payment, and carry balance for a term of years at low rate of interest. J. R. Meyers, 609 New England Bldg., Kansas City, Mo.

Buy or Trade with us—Exchange book free. Bersie Agency, Eldorado, Ks.

For Sale or Exchange. Land in the great corn belt of Missouri, Kansas and Nebraska. Also Ranches. If you wish to make an exchange address M. E. NOBLE & SON, 507 Corby-Forshee Bldg., St. Joseph, Mo.

For Sale or Trade. \$4,200.00 first mortgage due in less than two yrs. at 6% on 313 acres of land in St. Clair Co., Mo., near Appleton City. Want merchandise of equal value or about, hard ware preferred. 160 acre well improved farm within 4 ml. Valley Falls, Kansas. Want 80, 200 or 240 acres in Missouri within 60 miles of St. Joseph. Price \$100.00 per acre and worth it. Inc. \$2,000.00. W. L. BOWMAN REALTY CO., King City, Mo.

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native sheep, \$6 to \$6.50, and clipped Texas, \$6 to \$6.35.

Livestock in St. Louis.

At the close last week choice to prime finished steers were quoted at \$8.65 to \$8.85, fair to choice, \$8 to \$8.60; common to good, \$6 to \$7.95. Earlier in the week prices were lowered 25 to 45 cents, but later had regained part of the loss. Quarantine cattle were off 15 to 25 and butcher cattle a similar amount. Texas and Indian steers are quoted at \$6 to \$8.25, cows and heifers, \$4.25 to \$7.35; calves, \$5 to \$7.50; bulls, \$4 to \$7.25; stockers, \$5.25 to \$8. Receipts were about normal for the season of the year, but demand has been held in check by declines elsewhere.

Hog prices Saturday were about 5 cents higher than the low point of the week, and about 35 cents lower than the close of the preceding week. The top price Saturday was \$3.50 and bulk of sales, \$3.30 to \$3.45.

Livestock in St. Joseph.

A fairly liberal supply of steers arrived last week and the bulk of them went to killers on a 25-cent lower basis than the preceding week. Demand was slackened by liberal supplies elsewhere. Native beef steers are quoted at \$7.50 to \$8.75, western steers, \$7 to \$8.40; cows and heifers, \$4 to \$8.25; calves, \$7 to \$9; stockers and feeders, \$7 to \$8; bulls, \$3.75 to \$7. All butcher grades sold more readily than dressed beef steers. Hardly any stockers and feeders were offered.

The market for hogs Saturday maintained a slight margin over the low day last week, but compared with the close of the preceding week were 30 to 35 cents lower. The top price Saturday was \$3.40, and bulk of sales, \$3.25 to \$3.35.

Sheep prices kept within a well established groove and closed in about the same position as at the close of the preceding week. Lambs are quoted at \$7.75 to \$8.65; yearlings, \$7 to \$7.80; clipped lambs, \$7 to \$8; clipped Texas, \$5.75 to \$6.50.

Livestock Receipts.

Receipts of livestock at the five western markets in April were nearer normal than for some time past. River markets showed moderate increases in cattle, but Chicago and St. Joseph were the only points to report increased supplies of sheep. Kansas City showed a slight gain in hogs. The combined supply at the five Western markets showed a decrease of 2,000 cattle, 129,000 hogs and an increase of 22,000 sheep.

In the first four months this year the five western markets received about 83,000 fewer cattle, 1,006,000 fewer hogs, and 358,000 fewer sheep than in the same period 1912.

The following figures show the receipts of cattle, including calves, hogs and sheep at each of the five western markets in April, and the first four months this year, compared with the same periods in 1912:

	April	1912
Cattle	1913	1912
Kansas City	129,450	114,500
Chicago	269,800	288,600
Omaha	67,300	66,800
St. Louis	49,900	48,800
St. Joseph	33,400	33,150
Total	549,850	551,850

Hogs	1913	1912
Kansas City	218,500	207,575
Chicago	531,500	566,900
Omaha	211,500	285,150
St. Louis	189,500	192,300
St. Joseph	124,200	162,900
Total	1,275,200	1,414,825

Sheep	1913	1912
Kansas City	180,800	188,150
Chicago	367,200	348,200
Omaha	176,500	179,300
St. Louis	48,700	54,200
St. Joseph	81,500	62,600
Total	854,700	832,450

—Four months—	1913	1912
Cattle	1913	1912
Kansas City	548,800	497,500
Chicago	971,200	1,126,500
Omaha	304,000	321,300
St. Louis	264,400	222,600
St. Joseph	147,600	161,300
Total	2,236,000	2,329,200

Hogs	1913	1912
Kansas City	847,300	1,001,700
Chicago	2,570,200	2,893,800
Omaha	972,800	1,260,100
St. Louis	862,100	974,300
St. Joseph	571,400	788,200
Total	5,824,200	6,918,100

Sheep	1913	1912
Kansas City	652,100	735,800
Chicago	1,501,000	1,730,600
Omaha	750,000	747,900
St. Louis	217,500	282,300
St. Joseph	292,300	273,900
Total	3,412,900	3,770,500

Butter, Eggs and Poultry.

Elgin, May 5.—Butter this week is firm at 28 cents.

Kansas City, May 5.—Prices this week on Produce are:

Eggs—Firsts, new white wood cases included, 17½¢ to 18¢ a dozen; seconds, 13¢ to 14¢; current receipts, \$5.10 to \$5.20 a case.

Butter—Creamery, extras, 30¢ a pound; firsts, 28¢ to 29¢; seconds, 27¢; packing stock, 22¢ to 22½¢.

Live Poultry—Broilers, 30¢ a pound; spring chickens, 15¢ to 16¢; hens, 14¢; roosters, 10¢; young turkeys and turkey hens, 17¢ to 18¢; old toms, 14¢ to 15¢; cull turkeys, 7¢ to 8¢.

Produce Prices Now and One Year Ago. (Quotations on Best Stock.)

	1913	1912	1913	1912	1913	1912
Chicago	28	31	18	18	16½	13
Kan. City	30	30	18	18	14½	11½

RIDER AGENTS WANTED



IN EACH TOWN and district to ride and exhibit a sample 1913 Model "Ranger" bicycle furnished by us. Our agents everywhere are making money fast. Write at once for full particulars and special offer. NO MONEY REQUIRED until you receive and approve of your bicycle. We ship anywhere in the U.S. without a cent deposit in advance. 10 DAYS' FREE TRIAL, during which time you may ride the bicycle and put it to any test you wish. If you are then not perfectly satisfied or don't wish to keep the bicycle you may ship it back to us at our expense and you will not be out one cent.

LOW FACTORY PRICES. We furnish the bicycle it is possible to make at the highest profit above actual factory cost. You save \$1

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and Oklahoma, 1124 So. Market St., Wichita, Kan.
John W. Johnson, 820 Lincoln St., Topeka, Kan., N. W. Kansas and S. Nebraska.
C. H. Walker, N. E. Kansas, N. Missouri, 3632 Flora Ave., Kansas City, Mo.
Geo. W. Berry, N. Nebraska and W. Iowa, Copper Bldg., Topeka, Kan.
Harry W. Graham, E. Iowa and Illinois, Chillicothe, Mo.
Ed R. Dorsey, S. E. Kansas and S. Missouri, Girard, Kans.

PUREBRED STOCK SALES.

Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

Percherons.

May 21—J. C. Robison, Towanda, Kan.

Poland China Hogs.

May 7—C. L. Branick, Hiawatha, Kan.
May 27—H. C. Graner, Lancaster, Kan.
Sept. 6—J. C. Stalter, Jasper, Mo.
Oct. 21—H. B. Walter, Effingham, Kan.
Oct. 15—R. B. Davis, Hiawatha, Kan.
Oct. 17—Thos. F. Walker & Son, Alexandria, Neb., at Fairbury, Neb.
Oct. 22—H. C. Graner, Lancaster, Kan.
Oct. 25—J. W. Leeper, Norton, Kan.
Oct. 28—W. R. Webb, Bendena, Kan.
Oct. 29—Walter Hildwein, Fairview, Kan.
Oct. 30—Harry Wales, Peculiar, Mo.
Oct. 30—Merton Williams, Valley Falls, Mo.
Nov. 3—Joe Schneider, Nortonville, Kan.
Nov. 5—R. B. Davis, Hiawatha, Kan.
Feb. 10—H. B. Walter, Effingham, Kan.
Feb. 12—Thos. F. Walker & Son, Alexandria, Neb., at Fairbury, Neb.
Feb. 13—J. E. Wills, Prairie View, Kan.
Feb. 14—J. F. Foley, Orinok, Kan.
Feb. 17—L. E. Klein, Zeandale, Kan.
Feb. 18—J. H. Harter, Westmoreland, Kan.
Feb. 19—J. L. Griffiths, Riley, Kan.

Duroc-Jersey Hogs.

May 5—S. W. Alfred & Sons, Enid, Okla.
Oct. 17—Moser & Fitzwater, Goff, Kan.
Oct. 31—A. M. Rinehart & Son, Smith Center, Kan.
Nov. 1—N. B. Price, Mankato, Kan.
Nov. 5—W. E. Monasmith, Formoso, Kan.
Nov. 7—Leon Carter, Asherville, Kan.
Jan. 28—W. E. Monasmith, Formoso, Kan.
Jan. 29—N. B. Price, Mankato, Kan.
Jan. 31—A. M. Rinehart & Son, Smith Center, Kan.
Feb. 6—Leon Carter, Asherville, Kan.
Feb. 7—E. G. Munsell, Herlington, Kan.
Feb. 9—E. A. Trump, Formoso, Kan.
Feb. 10—Agricultural College, Manhattan, Kan.
Feb. 11—Thompson Bros., Garrison, Kan.
Feb. 20—John Emigh, Formoso, Kan.
Feb. 21—Dana D. Shuck, Burr Oak, Kan.

Hereford Cattle.

May 6-7—Breeders' sale of Herefords, Kansas City, Mo. R. T. Thornton, Mgr., 1317 E. 15th St.

Shorthorn Cattle.

April 22—George Allen & Sons, Lexington, Neb., at South Omaha.
June 4—John M. Bay, Aledo, Ill.
June 6—C. S. Nevius, Chiles, Kan.
June 10—Bellows Bros., Maryville, Mo.
June 11—H. Rees & Son, Omaha, Neb.
June 12—Owens Bros., Williamsburg, Ia.
June 13—Whittsitt Bros., Preemption, Ill.

Aberdeen Angus Cattle.

May 27—P. J. Donahoe, Williamsburg, Ia.
Oct. 22—W. F. Eckles, Green City, Mo.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

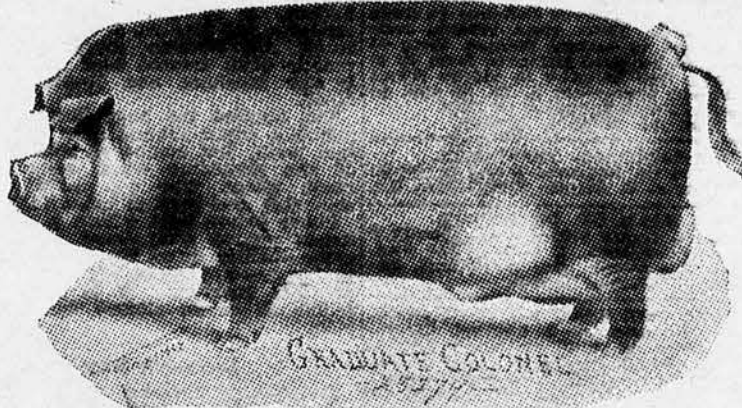
Robison's Percheron Sale May 21.

J. C. Robison, Towanda, Kan., will sell in the pavilion at Whitewater Falls Stock Farm, Towanda, Kan., Wednesday, May 21, one of the best offerings that ever went through a sale ring on this farm. The offering will consist both of imported and home bred Percherons. Thirty head of yearlings of both sexes, acclimated and in the pink of condition will sell. They are sired by the greatest sires of the breed. Among the mares will be both imported and home bred; a number with colt at side and rebred to the champion Casko. Mares that weigh over a ton with a colt by a champion and rebred to a champion. If you want champion blood you cannot afford to miss this sale. Don't wait but read display ad in this issue and write today for a catalog. Please mention Farmers Mail and Breeze.

The Royal Scion Durocs.

The Royal Scion herd of Durocs is owned by G. C. Norman of Winfield, Kan., and is the home of the two great boars, Graduate Col. and Col. Scion. Graduate Col. is reputed to be one of the champion breeding Duroc boars living today. He is the only boar alive that sired a son that was fitted and shown four times without defeat. He also is the sire of a son that won championship of same state four times in succession. He also is the sire of the highest priced under a year boar ever sold at public auction, Grand Master Col. 98599, \$505. His son, Grand Master Col. 2d 94903, was junior champion Oklahoma state fair in 1910. Champion and grand champion Enid stock show in 1911. Champion and grand champion Oklahoma State Fair in 1911 and again champion and grand champion Oklahoma State Fair in 1912. This is only a partial list of the winners sired by him. Much more could be written about this great boar but space forbids. Col. Scion is by the undefeated grand champion Chief's Col., who sold at auction for \$2,100. His

dam, Helen's Duchess, sold for \$675. His full sister, Browning's Duchess, was junior champion Illinois State Fair in 1912 and sold at auction for \$525. Another full sister, Fay Templeton, was first prize sow at Wisconsin State Fair in 1912 and sold at auction for \$375. He not only comes from a family of winners but is a producer of winners and has helped to hold up the banner of his tribe. In this herd are such sows as Belle Vara, a first prize sow, by Prince of Cola, and the dam of two first prize winners; Crimson Duchess, by the grand champion Crimson Wonder 3d and out of the grand champion sow, Rosemary Duchess, and full sister to the grand champion boar, Duke of Cola, and Colonel S.; Helress Royal, by Crimson Wonder 3d; Belle Scion, by Belle's Chief; Scion's Duchess, Royal Duchess, and Belle's Duchess, by Belle's High Notcher, and others. Mr. Norman is offering about 30 head of boars ready for service by these two great herd boars. It isn't often buyers have an opportunity to buy this class of Durocs. He also is offering a few outstanding fall gilts bred



to order. Also a few March pigs in pairs and trios. He is pricing them for quick sale. Look up his ad in this issue and take advantage of this rare opportunity. Mention Farmers Mail and Breeze when you write.

Watson Offers Duroc Boars.

R. C. Watson of Altoona, Kan., is offering special bargains in Duroc-Jersey boars of fall farrow. These boars are as well bred as can be found and are ready for immediate service. Mr. Watson reports 52 fine spring pigs saved sired by R. C.'s Buddy, Watson's Col. and Model Top. He is ready to take orders for these spring pigs to be shipped at weaning time. Mr. Watson is enjoying a good trade on his Duroc-Jerseys and is satisfying his customers. He has received many letters from which we quote the following: "Mr. R. C. Watson, Altoona, Kan. Dear Sir—Lady Kruger farrowed March 9, bringing 13, of which I now have 12, all doing well, and the gilt now christened 'Oklahoma Queen,' farrowed March 21, with 10, all of which are doing finely, and we are more than pleased with them all. Thanking you for past favors, I am very truly yours. D. W. Burkett, Francis, Okla." If interested in Duroc-Jersey breeding stock write Mr. Watson.

N. W. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

W. H. Sales, Simpson, Kan., is a breeder of Poland Chinas and Duroc-Jerseys. He has been breeding both breeds for a number of years and has succeeded well. He has a nice lot of spring pigs of both breeds. Mr. Sales attends many of the good sales of both breeds every season and is a good buyer. He usually has stock for sale and you can't miss it by letting him price your boars and gilts this fall.

C. W. Taylor, Abilene, Kan., is a well known breeder of Shorthorn cattle and Duroc-Jersey hogs. His farm is out from Abilene about 15 miles but Mr. Taylor will be glad to take anyone interested in Shorthorns or Duroc-Jerseys out to his farm in his auto. Go to Abilene and phone him or write him what day you will be in Abilene. Mr. Taylor has enjoyed a fine trade on bulls the past season and has at the present time only a few bulls for sale. He showed us when we visited his herd last week a fine string of yearling heifers but none of these are for sale. In fact Mr. Taylor is in the market himself for some choice young heifers. Mr. Taylor has two yearling bulls, one a pure Scotch and both by Silvery Knight. The pure Scotch bull traces to 22d Duchess of Gloster, by Barampton Prince. The other traces to Young Mary, by Jupiter. Mr. Taylor has never used anything but pure Scotch herd bulls and the two bulls in service in the herd at present are of good scale, breeding and individuality. Valiant 346162, by St. Clair and tracing to Victoria 73d, by Roan Gauntlet is the sire of a large percent of the calves dropped this spring. He is assisted by a Collynie bred bull that is proving satisfactory in every respect. Mr. Taylor has always been a strong advocate of Duroc-Jerseys and three or four years ago was one of the leading breeders. At that time he was raising as high as 500 head of registered hogs and selling the tops for breeding purposes and the balance went on the market. Recently he has built a new hog house and this spring has a nice lot of spring pigs. The breeding is of well known popular strains and the man in charge of Mr. Taylor's herd is one of the best hog men he has ever been able to employ. Duroc-Jersey breeders will be glad to know that Mr. Taylor is in the game again. Mr. Taylor is an up-to-date farmer and breeder who profits by experience. He is a good advertiser and backs it up with the right kind of stock. He treats his customers

in such a manner that they are always pleased. If you are interested in Shorthorns or Duroc-Jerseys look up Mr. Taylor's advertisement in this issue and write him for descriptions and prices on his bulls. No Duroc-Jerseys for sale at present but a nice lot of boars and gilts not related for sale later. Everything registered and guaranteed as represented.

Prewett's Poland China Boars.

W. A. Prewett, Asherville, Kan., is the pioneer breeder of Poland Chinas in Mitchell county and one of the pioneers in central Kansas for that matter. His type is the big smooth kind. He has never catered to either of the extremes in type but has been busy all these years building up a herd that the best breeders in the country endorse and that the farmer finds most profitable to raise. He has 150 spring pigs and some fall boars and gilts. His fall boars are extra good and he is pricing them low. Write Mr. Prewett for descriptions and prices on these boars.

Demand for Durocs Good.

E. M. Myers of Burr Oak, is one of the Pioneer breeders of Duroc-Jerseys in Jewell county. He usually makes bred sow sales every winter but has not decided to do so this winter. He has a nice lot of pigs but not as many as usual, having sold rather close last season. He believes that he can sell all of his best boars and gilts at private sale this season as the demand is sure to be good. A good young boar now

in service in his herd is Buddy's Best, by Buddy K. 4th Wide Awake. Mr. Myers bought this young boar of Mr. Geo. W. Schwab last fall and he is well pleased with him. He has some good fall gilts that will be for sale later on. His herd sows are the kind that make good and have been carefully selected. They are by such boars as Prince Wonder 2d, Rambler's Wonder, R. & S. Crimson Wonder, and others.

Emigh's Up-to-Date Herd.

John Emigh, Formoso, Kan., is a good breeder of Duroc-Jerseys in that section of Jewell county. He was one of the good buyers in several of the top sales last season. He has 68 pigs, by Model Hero, Rinehart & Son's boar, Kansas Special, W. E. Monasmith's boar and some by a boar owned by the Agricultural college. One of the best Duroc-Jersey sows in the country is in this herd. She was sired by A. T. Cross's Prince Wonder 2d. He has a number of sows by this great sire. Mr. Emigh has claimed February 20 for his bred sow sale. He will not make a fall sale but will have some choice March and April boars of the best of breeding for sale. He has been in the Duroc-Jersey business for a good while but has never registered his stock until recently. He owns a nice farm a few miles out from Formoso and is one of Jewell county's up-to-date farmers.

Schwab's Percheron Stallions.

Geo. W. Schwab of Clay Center, Neb., is offering some strictly first class Percheron stallions in his ad in this issue of Farmers Mail and Breeze. Mr. Schwab is one of the most extensive breeders of purebred livestock in his state. He handles besides his Percherons, Red Polled cattle and Duroc-Jersey hogs. He has probably sold stock in a greater number of states than any other man of his age in the business and the pleasing thing to Mr. Schwab in this connection is that he has rarely had complaint from the men to whom he has shipped on mail order. In a letter dated April 27 Mr. Schwab says that he has never offered the equal of the horses he now has on hand; that they are all good colors and right in every way; that they are in the pink of condition and weigh from 1,800 to 2,600 pounds depending on ages; ages ranging from 3 to 6 years. All of these horses are proven breeders with plenty of colts to show their ability to produce the right kind. Look up the ad in this issue and write Mr. Schwab if you are at all interested in the Percheron horses.

Duroc-Jersey Fall Boars.

Dana D. Shuck, Burr Oak, Kan., a breeder of Duroc-Jerseys, has been engaged in the business for several years. We visited him last week and found him in line with 35 spring pigs and some very choice fall boars and gilts. The 22 fall and summer

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—I am going to use small ads through the fall season. I wish to keep constantly before the public so as to keep them looking. Our business with you is perfectly satisfactory. Hoping we get as good results in the future as in the past, I am yours truly,
HALL'S FARM AGENCY,
Dealer in Real Estate.
Owego, N. Y., April 21, 1913.

Farmers Mail and Breeze, Topeka, Kan. Dear Sirs—The ad that I gave you brought many letters from Kansas, Oklahoma and Nebraska. I have sold both the Jacks. Yours respectfully,
D. F. McALLISTER,
Breeder of Jacks.
Severy, Kan., April 7, 1913.

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

gilts will be reserved for his February 21 bred sow sale but the nine fall boars are for immediate sale and at prices that are really low because he wants to move them and get the room for his spring pigs. The fall boars and gilts are by Model Chief, by Chief Perfection. The dam of Model Chief was Harding's Topsy, by Harding's King of Cola. The spring pigs are by the same boar. He has a fine litter by Gold Bond, a well known sire in the Geo. W. Schwab herd at Clay Center, Neb. Mr. Shuck is developing a good July yearling boar sired by Pawnee Crimson and out of one of the good sows in the Baxter & Comer herd at Pawnee, Ill. Dana Shuck owns a good Jewell county farm four miles north of Burr Oak and is popular with the Duroc-Jersey fraternity in his section. He is starting his advertisement in this issue and is offering some choice fall boars for sale. Look up his advertisement and write him at once if you need a good fall boar.

Carter's Duroc Boar Offering.

Leon Carter, Asherville, Kan., has a fine crop of spring pigs and some choice fall boars and gilts. The fall boars (seven) are for sale and the best of the fall gilts are being reserved for his bred sow sale February 6. He has 85 spring pigs, by Dreamland Col., Riverbend Col., Fancy Col., Liberty Chief and one or two others. Fancy Col. is the great show boar owned by Mahan Bros., Osborne, Ohio. Mr. Carter bought through R. J. Evans, a yearling sow in the Mahan Bros. last winter bred sow sale sired by Orion Col. M., out of Lady Kruger. She was bred to Fancy Col. and the litter mentioned above is the result. He also bought a March gilt in the Larsen & Sons sale at Logan, Iowa, bred to Liberty Chief, by Ohio Chief. This sow was sired by Col. Gano. Mr. Carter has always been a liberal buyer of new blood and has spent lots of money in securing new breeding. His herd boar Dreamland Col. was purchased in Ohio and was sired by Waveland Col. Dreamland Col. has proven himself a splendid sire. Riverbend Col., by Muncie's Chief and L. C.'s Defender, by old Defender are the boars in use in Mr. Carter's herd. The fall boars that he is offering are by Dreamland Col. and L. C.'s Defender. They will be priced right. Mention Farmers Mail and Breeze when you write.

Up-to-Date Duroc-Jerseys.

E. G. Munsell, Herlington, Kan., is an up-to-date Duroc-Jersey breeder. He is a good business man and realizes that co-operation is part of the business. In the sales he attended last winter he was a booster. He bought tops and his associates in bidding indicated to his associates his bigness as a business man. His herd is not one of the largest but it is one of the best in central Kansas. He is not a speculator but is trying to found a herd of Duroc-Jerseys that will reflect credit on the business in which he is engaged and prove more profitable each year. He has only 50 pigs this spring but they are good ones. He has some choice fall gilts and these and the best of the spring gilts will make up his bred sow offering February 7. His herd boars are Quivera, by Tatarax and out of Carl's Useful, a noted dam; M. & M's Col., by G. M.'s Col. and out of Carl's Wonder Lass 1st, by G. M.'s Carl Col. Most of

ABSORBINE
TRADE MARK REG. U.S. PAT. OFF.

Removes Bursal Enlargements,
Thickened, Swollen Tissues,
Corns, Filled Tendons, Soreness
from any Bruise or Strain;
Stops Spavin Lameness. Allays pain.
Does not blister, remove the hair or
lay up the horse. \$2.00 a bottle,
delivered. Book 1 K free.

ABSORBINE, JR., the antiseptic liniment for mankind. For Synovitis, Strains, Gouty or Rheumatic deposits, Swollen, Painful Varicose Veins. Will tell you more if you write. \$1 and \$2 per bottle at dealers or delivered. Manufactured only by W. F. YOUNG, P. O. F., 209 Temple St., Springfield, Mass.

OIL - OIL - OIL

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

XXX 46 gravity water white kerosene.....	\$6.00 for 52 gal. bbl.
XX 42 gravity kerosene (the kind usually sold)	\$5.25 for 52 gal. bbl.
XXX 64 gravity gasoline.....	\$10.00 for 52 gal. bbl.
1 case graphite axle grease (2 doz. 3 pound pails)	\$3.50
40 gravity prime white stove distillate.....	\$4.50 for 52 gal. bbl.
38 gravity stove distillate.....	\$4.25 for 52 gal. bbl.
60 gallon (26 gauge) galvanized steel tank with pump and hood	\$3.60
cover complete—a great convenience in every home.....	\$4.00 for 52 gal. bbl.
Extra heavy pure crude oil, steamed and settled, (black oil)	\$4.00 for 52 gal. bbl.
STANNARD'S PROCESSED CRUDE OIL, the best dip made for	\$5.00 for 52 gal. bbl.
killing lice and curing mange. One application will do more to	
dip made (it destroys the nits).....	\$5.00 for 52 gal. bbl.
I also carry a full line of lubricating oils.....	
I will pay \$1.25 each for my crude oil barrels, \$1.50 each for my refined oil bar-	
rels returned to me at Coffeyville, Kansas, in good order, less freight charge on same.	
C. A. STANNARD, BOX M, EMPORIA, KAN.	

LIVESTOCK AUCTIONEERS.

Jas. T. McCulloch, Clay Center, Kan.
Reference: The breeders I am selling for every year. Write for open dates.

Wm. H. Harper, LIVESTOCK Auctioneer, GLASCO, KANSAS. Phone for Dates.

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

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

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

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

COL. S. B. YOUNG, Osborne, Kan.
Livestock Auctioneer. Write for dates.

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

G. C. DENNEY GUIDE ROCK, Nebr. Livestock Auctioneer. Pure bred stock sales and big farm sales. Write or phone.

Will Myers, Livestock Auctioneer
Bellevue, Kansas. Write or phone for dates. I am located right to give good service.

Col. J. R. LLOYD, ATHOL, KANSAS
LIVESTOCK AUCTIONEER. Write for terms and dates, and reference

W. B. Carpenter, Live Stock and Real Estate Auctioneer.
Also President Missouri Auction School.
14th and Grand Ave., Kansas City, Mo.

John D. Snyder HUTCHINSON, KANSAS
LIVE STOCK AUCTIONEER
Wide acquaintance and practical knowledge of draft horses and pure bred live stock, all breeds.

Learn Auctioneering
at World's Greatest School and be independent. Write today for free catalog. **Jones National School of Auctioneering,** Washington Blvd., Chicago, Ill. Carey M. Jones, Pres.

POLAND CHINAS.

Sunny Side Poland Chinas Sows bred for summer and fall farrow. Stock priced right. Satisfaction guaranteed.
J. G. BURT, SOLOMON, KANSAS.

Poland China tried sows and fall gilts bred for sale. Big type boars and big mature dams.
J. F. FOLEY, Oronoque (Norton Co.), Kan.

100 SPRING PIGS Sired by King Hadley, King Blain, Jr., King John and Long John 2nd; orders booked for May and June delivery.
W. Z. BAKER, Rich Hill, Mo.

Albright's Fall and Winter Boars and Gilts for sale. 40 head of nice, smooth individuals, sired by Cavett's Mastiff, by King Mastiff, and out of big type sows. Write for prices.
A. L. ALBRIGHT, Waterville, Kansas

LARGE WITH PLENTY OF QUALITY!
Handsome young boars, gilts bred or open. Best of large type blood lines. Some boars, bred sows Satisfaction guaranteed on all breeding stock.
OLIVER & SONS, DANVILLE, KANSAS.

Nothing For Sale but Spring Pigs
We have three hundred spring pigs of the largest and most fancy strains of Poland Chinas known to the breed. We have sold thousands of them and have letters of recommendation from everywhere. Write your wants. **Roy Johnston, South Mead, Kan.**

Summer Poland Chinas
By type Aug., Sept. and Oct. gilts open but will breed to Big Price 20201 or Gold Mine. Some extra good tried sows for July and Aug. farrow. 7 Aug., Sept. and Oct. farrow for sale \$25 each, sired by Gold Mine and Pan Look.
H. TRICH & SPAULDING, Richmond, Kansas

GREEN LAWN STOCK FARM
100 spring pigs and 20 fall gilts for sale, representing the leading prize winning, big type Poland China blood lines. **J. T. ELLIS, Adrian, Mo.**
Successor to A. J. Erhart & Sons

Harry Hoak's Poland Chinas
Spring boars and gilts, pairs and trios unrelated. Fashionable big type blood lines. The finest lot of pigs we ever raised. Call or write today. **HARRY HOAK, Attica, Kan.**

HOWARD R. AMES, MAPLE HILL, KANSAS
No sales. March pigs sired by big type boars and out of big type sows for \$10 each to July 1st. Both sexes. Certificate with each pig. Address as above. Satisfaction guaranteed.

NEBRASKA BIG TYPE BOARS
Some outstanding September Boars by Referendum 5021 and out of Whiteface Queen. Real Herd Breeder material priced low to make room.
A. N. WAECHTER & SON, Riverton, Nebr.

Schneider's Poland Chinas
A few toppy fall boars for sale, out of my best sows, by Guy's Expansion and Goldust Hadley. Also a great lot of Feb. and March pigs—pairs or trios. **Joe Schneider, Nortonville, Kansas.**

Expansive Chief is SOLD
You will have to hurry if you want one of those toppy fall boars. A few good ones left but they are going fast. They are sired by Expansive Chief, Expansive's Wonder and Long King's Best. All are cholera immune. Write now.
H. B. WALTER, Effingham, Kansas

his spring pigs are by these boars except litters by Model Hero, and a litter by a son of Good Enough Model, the winner of first at the Nebraska State Fair last season. In the A. M. Rinehart sale at Smith Center last winter he bought two good sows sired by Rambler's Wonder. One was bred to Model Hero. Mr. Munsell's card appears regularly in the Duroc-Jersey section of Farmers Mail and Breeze. When writing him please mention this paper.

N. E. Kansas and N. Missouri

BY C. H. WALKER.

Expansive Chief Sold.

Frank Kelley of Muscotah, Kan., recently purchased from H. B. Walter the splendid breeding boar Expansive Chief. Mr. Walter owns one of the best herds of Poland Chinas in northeast Kansas and Expansive Chief was considered by Mr. Walter as one of the especially good hogs that he had used at head of his good herd. Mr. Kelley is certainly to be congratulated on acquiring so valuable a sire. Mr. Walter has a few fall boars, extra good ones on which he is making attractive prices. They are sired by Expansive Chief, Expansive's Wonder, and Long King's Best. These boars are cholera proof and ready for heavy service. Write Mr. Walter if interested.

Schneider Does Big Business.

Joe Schneider, the enterprising breeder of Poland Chinas at Nortonville, Kan., reports an excellent trade since the first of the year. He informs us that since the first of January he has sold 53 head on mail order through his cards in the Mail and Breeze and Oklahoma Farmer. Of course we take a pardonable pride in mentioning this for it is a mighty strong recommendation for these papers as advertising mediums, but back of all that is the fact that Mr. Schneider produces the goods and has built up a reputation for good stock. He takes excellent care of his correspondence, answering in detail each inquiry he receives whether he has anything that will fill the bill or not. A recent inspection of the Schneider herd found it in the best shape in years. The spring crop of pigs, numbering close to 90 head and all of February and March farrow, are an unusually uniform lot and there isn't a poor scrawny pig in the lot. They are sired by Guy's Expansion and Goldust Hadley, the two boars that have been doing such excellent work in the herd. Guy's Expansion is one of the best sons of Expansive in any herd and the past year has deepened and broadened out into a boar of remarkable quality, scale and finish. He is siring a great lot of pigs. Mr. Schneider is booking orders now for spring pigs and can furnish pairs and trios not related. He also has a few toppy fall boars old enough for service in the near future. They are by the two good boars mentioned above and out of the best sows in the herd. They are good and priced to sell—in fact they are bargains at the prices asked. Mr. Schneider has claimed November 3 as a fall sale date when he will sell a selected draft of gilts and boars. Write him now for prices and description of the fall boars and spring pigs.

Graner's --ed Sow Sale.

Bred sows this winter have been scarcer than the proverbial hen's teeth. Breeders who have been fortunate in having a few for sale have been overrun with orders and could have sold twice or three times as many had they had them for sale. Any number of farmers and breeders found it impossible to buy good bred sows. In view of this marked shortage and the unusually strong demand the announcement that one of Kansas' leading big type Poland China herds will hold a draft sale of bred sows this month is of especial interest. Last May and June H. C. Graner of Lancaster, Kan., had a number of his best sows to farrow. Mr. Graner would be heavy this year and he reared quite a large number of these gilts for this very sale. On May 27 he will sell these yearlings, sired by the best big type boars and bred to boars of equal merit. This sale is of special interest at this time. Not only because there is a strong demand for bred sows but because they will farrow at a time when the farmers and breeders will be able to save a larger number of the pigs than usual. These yearlings are by Long King's Best, one of the best breeding sons of Long King, that has been doing service in Kansas herds; Guy's Monarch, one of the best sow sires ever in the state and by Kansas Victor, a son of the champion, Big Victor. These are bred to King's Jumbo, the best boar sired by Long King's Best in the Graner herd last year and reserved by him and to Sampson Ex., a fine breeding boar assisting Long King's Best in this herd. These are out of Mr. Graner's best sows. It is the opportunity of the season and should not be overlooked by farmers and breeders who are in need of bred sows. Write Mr. Graner for his catalog or any other information regarding this offering. Kindly note the sale advertisement in this issue and mention this paper when writing him.

A Bargain in Bred Sows.

W. E. Long of Meriden, Kan., is making an especially attractive offer now on a few head of bred sows due to farrow in May and June. They are big type Poland Chinas, yearlings mostly, show good size for their age, are of the right stamp individually and are bred in the purple. Mr. Long has something like 20 head to farrow along at this time and for this reason will part with a few. They are sired by Long Wonder, a double bred A Wonder boar that sires them large and smooth and by King Mastodon 2d, by King Mastodon and out of the Lady Mastodon 96th, by A Wonder. They are bred to Orange Model 2d, by Big Orange and out of a Pawnee Lad dam and to Expansive Wonder, by the great Expansive. These sows are an extra good lot and will please anyone in need of bred sows. And they are exceptional bargains at the prices asked. As Mr. Long says: "These sows should appeal to anyone in the market for good stock. The same class of stock bought from the heavily advertised Iowa herds of no better breeding and certainly no better individually would cost from two to three times as much plus the extra express charges." And he is right. There aren't any better blood lines known to the big type and these yearlings are right individually. Long Wonder, by Ellersbrook's A Wonder, that recently sold to a Missouri

POLAND CHINA.

Have Your Sketches and cuts made in June at here in the western corn belt. Write me today and get on my route. **A. V. LOCK, Remington, Indiana.**

Big Type Poland's!
Young boars ready for service and open gilts ready to breed. They are strong in the blood of Big Hadley and A Wonder. The big smooth kind. Every description guaranteed. Call on or write. **A. R. ENOS, RAMONA, KANSAS.**

COLUMBUS
The 1050-lb. Grand Champion, 1912, Nebraska, Kansas, Missouri and American Royal, heads my herd **Big Type Poland Chinas**
R. B. BAIRD, Central City, Nebraska

Klein's Tabor Valley Herd
Big type Poland China fall gilts bred or open, sired by my Iowa boar and out of my big matured sows. Write for prices.
J. E. KLEIN, ZEANDALE, KANSAS.

John Harter's September Boars
25 selected Sept. boars to pick from. Sired by Mogul's Monarch, Long King, Prince Hadley and Gebhart. Well grown and desirable as herd boars. Prices right. Satisfaction guaranteed.
J. H. HARTER, WESTMORELAND, KAN.

Dean's Mastodon Poland's
Poland China hogs, the big-boned type, will weigh when mature, 800 to 1,000 lbs. Will sell a few boars of serviceable age, also choice brood sows and gilts, bred to my herd boars, for spring farrow. 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

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. BAYER, ELMO, KANSAS.

A. D. JONES
OF DUNLAP, IOWA
has for sale 40 fall boars sired by 1,000 pound boars and from 600 and 800 pound dams; strictly big type Poland Chinas. I breed for length, bone, large litters and quick maturity. I also have 50 fall gilts, to be in the market this fall and winter and 100 spring pigs that are doing fine.

Robinson's Mammoth Poland Chinas!
My herd boars weigh from 800 to 1,025 lbs. Now have for sale, two good tried boars and a few extra good last fall pigs of both sexes. My terms are: If you are not satisfied return the hog and I return your money.
F. P. ROBINSON, Maryville, Mo.

BIG TYPE BRED SOWS FOR SALE
Daughters of Long Wonder (a double bred A Wonder) and King Mastodon 2nd, bred for May and June farrow, to Orange Model 2nd, by Big Orange and out of a Pawnee Lad dam and to Expansive Wonder, by Expansive. These are extra good, strictly big type with quality and will please. Write or call.
W. E. LONG, Meriden, Kansas

BIG TYPE UNPAMPERED BERKSHIRES
200 sows bred to Fair Rival 10th, King's 4th Masterpiece, Truotype, King's Truotype, and the great show boar King's 10th Masterpiece. All long large and heavy boned. Sows farrow all through April, May and June. Open gilts and boars ready for service. Not a poor back or foot. Every man his money's worth.
E. D. KING, Burlington, Kansas

EX B. by EXPANSIVE one of the greatest breeding boars of the day heads my herd of over 250 head. Two extra good boars by him, August farrow, for sale. Also choice line of fall gilts, open. Booking orders for spring pigs. Write or call. **W. R. WEBB, BENDENA, KANSAS.**

Pleasant Valley Stock Farm!
Big Boned Poland Chinas
H. C. LOOKABAUGH, Prop.
We are now offering a few choice fall boars at choice prices. They are the kind that make good. Satisfaction guaranteed. Address
L. W. CUTRIGHT, Mgr., Watonga, Okla.

Here's Your Chance to Buy Bred Sows!
Sows like this that farrow big litters, because they are bred and developed that way—Poland China sows sired by and bred to the best big type boars—this sort of an opportunity is offered in the Henry Graner sale to be held at

Lancaster, Kan., Tues., May 27, '13
A selected-offering of yearling gilts and a few tried sows bred for June litters; bred to farrow at a time when close to 100 per cent can be saved and selling at a time when a good brood sow is about the most valuable proposition for the farm. That is what this sale offers. These yearlings and sows are sired by Long King's Best, the fine breeding son of Long King; Guy's Monarch, one of the best sow sires ever in Kansas, and by Kansas Victor, a son of the champion, Big Victor. These are bred to King's Jumbo, the best pig sired by Long King's Best in the Graner herd last year, and to Sampson Ex. It is the opportunity of the year—don't miss it. For further information, catalogs, etc., drop a card to

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C. H. Walker, fieldman for this paper; Jas. W. Sparks, Auctioneer.

NEBRASKA TYPE POLANDS Choice summer and fall boars and gilts, by Haden's Big Hadley 2nd, Pan Wonder, and Nebr. Chief. **C. C. INGRAM, Bloomington, Neb.**

DUROC-JERSEYS.
Perfection Stock Farm!
Fall boars and gilts, also orders booked for choice spring pigs by State Fair Champions. Pairs and trios not related. Prices right. **CLASEN BROS., UNION CITY, OKLA.**

FALL BOARS BY DREXEL'S PRIDE
the sire of my show hogs. Spring pigs by him and Queen's Wonder 112317, a sensational Crimson Wonder Again yearling. All choice and priced right. **W. T. HUTCHISON, CLEVELAND, MO.**

DUROC-JERSEY BOARS
10 head of well bred Duroc-Jersey boar pigs, healthy, with good backs, feet, head and ears, dark cherry color, of popular breeding and priced reasonable. F. O. B. your station if wanted.
ARTHUR A. PATTERSON, Ellsworth, Kan.

TATARRAX HERD DUROCS
Some good fall boars and gilts by the grand champion Tattarrax and G.M.'s Tat Col. In good condition and priced right. Write today for further particulars. **Hammond & Buskirk, Newton, Kan.**

An Extra Good Duroc Boar
Golden Model 33rd 131273. We are pricing him for quick sale. He is a show prospect and bred good enough for anybody. Also fall boars. Call or write today. **W. R. HUSTON, Americus, Kan.**

10 Duroc Jersey Boars
of summer and fall farrow. \$25 each to move them quick. Sired by Model Chief and out mature sows. **Dana D. Shuck, Burr Oak, Jewell Co., Kansas**

Bonnie View Farm
Duroc-Jerseys: Fall and spring pigs. **Plymouth Rocks:** Eggs in season. **Searle & Cottle, Berryton, Ks.**

\$45 Boar for \$22.50
Splendid shoulders, strong pastern, good side lines, big boned, long, healthy, pure bred guaranteed Ozark Duroc, fall boar. Pigs of either sex \$10.00, weight about 65 pounds, fat as butter. Largest herd of pure bred Durocs in Northwest Arkansas to select from. Get special introductory offer. Write today for prices and get my method of raising healthy hogs.
W. R. DRAPER, SPRINGDALE, ARKANSAS

Robinson's Mammoth Poland Chinas!
My herd boars weigh from 800 to 1,025 lbs. Now have for sale, two good tried boars and a few extra good last fall pigs of both sexes. My terms are: If you are not satisfied return the hog and I return your money.
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TATARRAX HERD DUROCS
Some good fall boars and gilts by the grand champion Tattarrax and G.M.'s Tat Col. In good condition and priced right. Write today for further particulars. **Hammond & Buskirk, Newton, Kan.**

An Extra Good Duroc Boar
Golden Model 33rd 131273. We are pricing him for quick sale. He is a show prospect and bred good enough for anybody. Also fall boars. Call or write today. **W. R. HUSTON, Americus, Kan.**

10 Duroc Jersey Boars
of summer and fall farrow. \$25 each to move them quick. Sired by Model Chief and out mature sows. **Dana D. Shuck, Burr Oak, Jewell Co., Kansas**

Bonnie View Farm
Duroc-Jerseys: Fall and spring pigs. **Plymouth Rocks:** Eggs in season. **Searle & Cottle, Berryton, Ks.**

\$45 Boar for \$22.50
Splendid shoulders, strong pastern, good side lines, big boned, long, healthy, pure bred guaranteed Ozark Duroc, fall boar. Pigs of either sex \$10.00, weight about 65 pounds, fat as butter. Largest herd of pure bred Durocs in Northwest Arkansas to select from. Get special introductory offer. Write today for prices and get my method of raising healthy hogs.
W. R. DRAPER, SPRINGDALE, ARKANSAS

DUROC-JERSEYS.

Duroc March Pigs \$9.00 and up, by Model Again, Long Lad and Tatarax Boy. R. W. Baldwin, Conway, Kan.

A Fine Offering Fall Boars and Gilts
Booking orders for spring pigs. Best of breeding.
R. C. WATSON, ALTOONA, KANSAS.

DUROC - JERSEYS 10 head of well-bred. boars and gilts for sale.
J. R. JACKSON, KANOPOLIS, KANSAS.

White Rock Duroc-Jerseys
Tried sows and gilts for sale and some choice fall boars. Write
N. B. PRICE, MANKATO, KANSAS.

E. A. TRUMP, Formoso, Kan.
Breeder of fashionable Duroc-Jerseys
Stock for sale at all times. Write for prices and descriptions.

Big Type Durocs
Sold out of bred sows and gilts. Plenty of fall gilts open. Fall boars with all kinds of quality. Fall sale Oct. 17.
MOSEY & FITZWATER, Goft, Kansas

BRED GILTS I have an exceptionally fine lot of Duroc gilts bred to my prize winning boars for sale, bred right and fed right. Write for prices and description.
CHAS. L. TAYLOR, OLEAN, MISSOURI

Royal Scion Farm Durocs
Fashionably bred Durocs. Spring and Fall boars and gilts by the great Graduate Col. 22879 and Col. Scion 100471. Out of choice dams. G. C. NORMAN, Route 10, Winfield, Kan.

Deep Creek Herd Durocs!
Orders taken now for early spring pigs, dams either state fair prize winners or sired by prize winners. Write for low prices.
C. O. ANDERSON, MANHATTAN, KAN.

Good E. Nuff Again King 35203
Heads our great herd. Sale average: March 11, sows, \$77.50, sows and gilts, \$52.00. Write for prices.
W. W. OTEY & SONS, Winfield, Kansas

Duroc Boars For Sale
Zeke Col. by B. & C. Col., my great herd boar, also a few of his fall boars, price \$20. Good bone and thrifty. S.O. Buff Leghorn eggs \$1 per 15, \$4 per 100.
JOHN FERRENOUD, HUMBOLDT, KAN.

Stith's DUROCS
Sows and gilts bred to and young boars and gilts by Model Duroc, one of the best sires of the breed. His half brother and sister were grand champions. His sire was a champion. Write today.
CHAS. STITH, Eureka, Kansas

Dreamland Colonel
Summer and fall boars and gilts for sale. Everything immune. Nothing but desirable animals offered. Prices reasonable.
LEON CARTER, Asherville, Kan.

Quivera Place Durocs
A few, choice summer boars and gilts, sired by Quivera 106611.
E. G. MUNSELL, Herlington, Kansas.

Hillside Herd
Summer boar pigs, 150 to 200 pounds, at prices to move them. One yearling. Plenty of size, bone and quality. W. A. Wood & Son, Elmdale, Kan.

Bancroft's Durocs!
We hold no public sales. Nothing but the best offered as breeding stock. 12 choice September boars. September gilts open or bred to order for fall litters. 90 March pigs. Pairs or trios not taken. Prices right. Customers in 6 states satisfied. Describe what you want, we have it.
D. O. BANCROFT, OSBORNE, KANSAS.

BERKSHIRES.

LEON A. WAIT'S Berkshires
A good herd at Winfield, Kan., headed by Lord Duke 3d, 132802.

Hazlewood's Berkshires!
Choice spring boars and gilts priced to sell. Write today. W. O. Hazlewood, R. 8, Wichita, Kansas

HAMPSHIRE.

WRITE J. F. PRICE, Medora, Kans.
For prices on Pedigreed Hampshire Hogs

REGISTERED HAMPSHIRE
Well Bred Well Fed
SUNNY SLOPE FARM,
Frank H. Parks, Prop., Olathe, Kan.

Pedigreed Hampshires of various ages. Boars at weaning time only. Every hog properly vaccinated. C. E. Lowry, Oxford, Ks.

Write Dr. E. G. L. HARBOUR, Baldwin, Kan. for prices on pedigree Poland China and Duroc-Jersey Hogs, all cholera immune.

PURE BRED HAMPSHIRE
Breeding stock all sold. Booking orders for spring pigs.
ALVIN LONG, Lyons, Kansas

CLOVERDALE HAMPSHIRE!
A few gilts open or bred to order for fall litters. Booking orders for spring pigs in pairs or trios not taken sired by my four great boars.
T. W. LAVEROCK, PRINCETON, KANSAS.

breeder for \$500 and out of a dam by Fessenden's A Wonder, left a great lot of sows in the Long herd and W. E. is willing to split even with his customers. He is selling as good as he keeps. Most everyone who has kept in touch with the Poland China business in this section in the past two years knows what King Mastodon has done in the Long herd. He is sired by a great boar and is out of a great A Wonder sow. The boars to which these sows are bred carry the best of breeding—Big Orange, Pawnee Lad, Expansive. We urge those in the market for good sows to get in touch with Mr. Long. It is a chance seldom offered and at the prices he is asking they are big bargains. Write him today and kindly mention this paper.

W. Iowa and N. Nebraska

BY GEO. W. BERRY.

Buy Truman Hackneys.

Samuel Insull, Hawthorne Farm, Lake county, Illinois, bought of the Pioneer Stud Farm at Bushnell, Ill., the imported Hackney stallion, Tollington and the imported Hackney mares Nene Lady Gay, Lyndhurst Peggy and Sturgeon Bawn; also an outstanding imported Hackney pony stallion, Tollington and Nene Lady Gay were sired by Middleton King, a horse that was imported to this country and shipped back to England where he is proving one of the greatest sires of that country. Tollington is considered one of the greatest Hackney stallions in America. He won first and champion prizes at the leading state fairs and shows of the West. Nene Lady Gay was shown in the same shows with Tollington and won practically the same ribbons as her noted half-brother. Sturgeon Bawn is the black and white pony shown by the Trumans for several years. She is not only a noted prize winner in this country but also on the other side of the waters. Lyndhurst Peggy was shown last year at the International with great success, as she was at the Olympia (London) show. For strictly high class horses, Shires, Percherons, Belgians and Hackneys we recommend the Truman Pioneer Stud Farm at Bushnell, Ill.

E. Iowa and Illinois

BY HARRY W. GRAHAM.

A Great Herd at Auction.

Thos. Stanton, the Shorthorn enthusiast of Illinois, has secured the entire breeding herd of cattle of Geo. J. Sayer and will offer the same at public sale at Sittytown Grove Farm near Wheaton, Ill., on Monday, June 2. This will be the distribution of more high class cattle of the very best breeding that has taken place in years. The herd consists of cattle Mr. Sayer had reserved for his breeding and show herd. This is a young herd, nothing old is listed. Four herd bulls are included—Roan Sultan, by Glenbrook Sultan; his full brother Sittytown Sultan sold in the recent sale at Chicago for \$1,025; Prince Imperial, by Pride Gloster, 6 years old; White Star, imported by Frank Harding, and Masterpiece. Then there are three fine sons of Prince Imperial. Among the cows are a fine string of champions and their offspring. These cows and heifers are by such bulls as Glenbrook Sultan, White Hall Sultan, Cumberland's Last, Uppermill Omega, Ceremonious Archer and other great sires. Catalogs will be sent to all who mention this paper and address Thos. Stanton, Wheaton, Ill.

S. E. Kansas and S. Missouri

BY ED. R. DORSEY.

Parks's Hampshire Hogs.

We wish to call our readers' attention to the Hampshire advertisement of Frank H. Parks of Olathe, Kan. Some time ago we called the readers' attention to the breeding and where Mr. Parks got his start, where he came from and the number of hogs in the herd. As we said then, he is nicely located, being 15 miles from Kansas City and he has a most excellent herd and a fine lot of small pigs for which he is booking orders for early summer delivery.

Nevius's Shorthorn Sale.

On June 6 C. S. Nevius of Chiles, Kan., will make a draft sale from his Glenwood herd of Shorthorns. The sale will be held at the farm near Chiles. The Glenwood herd of Shorthorns is probably as well known as any other like collection of cattle in America. The herd is headed by the great show and breeding bull, Searchlight, a bull that cost Mr. Nevius \$1,000 and that has been shown successfully in all of the leading state fairs in the Southwest. Searchlight has proved himself a producer of strictly high class cattle. A son or daughter of this great bull is a valuable addition to any herd. If interested in Shorthorns you should arrange to attend this sale. Write Mr. Nevius at once asking him to place your name on his list for a catalog.

Johnston's New Herd Boar.

Roy Johnston of South Mound, Kan., recently bought from A. R. Enos of Ramona, Kan., the splendid breeding boar Knox All Hadley 56554. This boar is sired by Big Hadley and is out of Tecumseh Goldust by Johnston's Chief. Knox All Hadley is one of the biggest boned hogs we ever saw. He has a perfect Big Hadley head, back, flank and ham, with very short neck set well on his shoulders. In fact he is more like Big Hadley in size and conformation than any of the Big Hadley sons we have seen. Mr. Johnston has been using a son of Big Hadley at the head of his herd for several years but has plenty of outcrosses in his sow herd and uses this boar to advantage. Everything at South Mound Breeding Farm is in perfect health. Mr. Johnston's percentage of pigs saved this spring is very large. In fact he has had almost no loss at all. He attributes his success in saving the pigs to the condition in which he keeps his sows and this spring's pig crop certainly proves that Mr. Johnston knows exactly how to take care of a herd of brood sows. He owns or controls about 500 head of good hogs as can be found anywhere. The produce of the herd he disposes of through three annual sales and a regular mail order business. Mr. Johnston is now using the Copper farm papers giving him a circulation of 512,000 and he says his advertising is bringing him business

MULE FOOT HOGS.

Mule-Footed Hogs The coming hogs hardy; resist disease; the best rustlers known; pigs ten to sixteen weeks old, \$30 pair. Circular free.
DR. W. J. CONNER, LABETTE KANSAS.

Mule Foot Hogs Bred gilts for spring farrows all old. Some choice boars for sale. Am now booking orders for pigs of February and March farrow, in pairs not related.
ZENE G. HADLEY, Box D, Wilmington, Ohio

O. I. C. SWINE.

O.I.C. Pigs Pair, \$25.00. Harry Haynes, Meriden, Kansas

BOOKIN'S O. I. C. HOGS. Booking orders for spring pigs by five different boars, out of sows not akin. Priced to sell.
F. C. BOOKIN, RUSSELL, KANSAS.

CHESTER WHITE HOGS
Good quality, either sex, the short nose kind. Write for prices. FRANK PROCHASKA, Glasco, Kans.

Grand View Stock Farm
Choice O. I. C. fall gilts, bred or open. White Wyandotte chickens. Eggs for sale now. Stock in season. Write for prices.
ANDREW KOSAR, GLASCO, KANSAS.

O. I. Cs., Oxford Down Sheep, BARRED ROCKS
2 good boar pigs, large enough for service of the big boned, growthy kind. Also a few extra good gilts, bred to Commodore and out of Ollmax, one of "The kind that wins."
W. W. WALTWIRE & SONS, Peculiar, Missouri

Neef's Cholera Immune O. I. C's.
Pure bred seeds and S. C. R. I. Reds. Hogs all ages for sale at reasonable prices. Booking orders for spring pigs—boars and gilts. Have choice lot Reid's Yellow Dent, Boone Co. White and Carter's seed corn at \$2.00 per bu. shelled and \$3.00 in ear. Recleaned Texas Red Rust Proof seed oats and seed rye. Some fancy S. C. R. I. Red cockerels at \$1.00 and \$2.00 each. Eggs for setting \$1.00 per 15, \$4.00 per 100.
Riverside Farms, J. H. NEEF, Boonville, Mo.

SHORTHORNS.

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

Shorthorn Bulls

20 yearling bulls. Grades and pure bred. Good proposition for ranchman. Bred Berkshire sows. Daughters of Artful Champion 129065 bred to Jardy. Daughters of Danesfield Duke 10th 130879 bred to Robinhood Premier 2d 140430. These hogs are immune.
W. J. GRIST, OZAWKIE, KANSAS.

Glenwood Farms Announce

Shorthorn Sale, bulls and cows, June 6, 1913.

Can spare no more bred sows. Have a few choice boars left. Plenty of Shorthorns, always. We build the most complete concrete silo yet offered the public. Have several on our place. They are a success. Write for particulars. Address,
C. S. NEVIUS, CHILES, KAN.

Pearl Herd of Shorthorns

Young bulls up to 13 months of age, either Scotch or Scotch-Topped breeding. Well grown and in good growing condition. Can ship via C. R. I & P. A. T. & S. F., U. P., and Mo. Pac. Address

C. W. TAYLOR

ABILENE : : KANSAS

Registered GALLOWAY CATTLE

We Breed Market Toppers." JAS. & W. R. CLELLAND, New Hampton, Mo.

Pure Bred Holsteins**Prices Reduced—To Move Quick****The Ganzdale Herd. Tuberculin Tested "Quality Above Quantity"**

We offer you young bulls or bulls old enough for service from big producing dams, that combine the blood of several world champions at prices extraordinarily low to move the surplus quickly. We welcome all enquiries and answer the day received. Don't put off buying your bull until you need him. Remember, purebred Holstein cattle, nothing else.

CASPAR A. GANTZ, Prop., King City, Mo.**Lookabaugh's Shorthorns****Sold on Time at Private Treaty**

Six or nine months if desired. What we want is your trial order. Young Heifers and Bulls at \$50, \$75, \$100 and up. Two Heifers and a Bull, not related, \$200 for the three—Others higher.

**Over 200 Head From Which to Select**

A great variety of prize winners and prize winning blood. If you want breeding stock don't miss this opportunity. As many good Shorthorns cannot be seen on any other farm in the whole Southwest.

COWS WITH CALE AT FOOT AND RE-BRED. RICHLY BRED YOUNG THINGS, SHOW PROSPECTS. HANDSOME YOUNG BULLS, HERD HEADER MATERIAL. RUGGED YOUNG BULLS, THE FARMER AND STOCKMAN KIND.
In fact a splendid array of foundation Shorthorns, that carry the blood of the best families and the most noted sires of the breed. Don't wait, but come and get your first pick. Visitors always welcome at Pleasant Valley Stock Farm. Write your wants today. Address

H. C. LOOKABAUGH, Watonga, Blaine Co., Okla.

POLLED DURHAMS.

Polled Durham Bulls

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

RED POLLED CATTLE.

Red Polled Cattle Cows and heifers for sale. No bulls over six months.
Poland China big type registered fall boars. Write CHAS. MORRISON & SON, Phillipsburg, Ks.

Foster's Red Polls

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

HEREFORDS.

KLAUS BROS.' HEREFORDS

A few choice young bulls and heifers for sale, sired by Fulfiller 3rd, Fulfiller 25th and Beau Onward. Our calf crop is the best we ever had.
KLAUS BROTHERS, BENDENA, KANSAS.

STAR BREEDING FARM

HEREFORDS AND DUROCS.

We are offering (40) two year old bulls, (25) bulls from twelve to fifteen months old. They are right, bred right. Sold singly or in carload lots.

SAM'L DRYBREAD, ELK CITY, KANSAS.

DAIRY CATTLE.

FOR SALE 35 choice young Holstein dairy cows, fresh and springing. Special price on herd. Jack Hammel, 215 Adams St., Topeka, Kan.

Holstein-Friesian Bulls

Prices right. H. N. HOLDEMAN, Meade, Kan.

HOLSTEINS FOR SALE

50 head registered Holsteins, 30 head milk and coming fresh grade heifers and cows. M. P. KNUDSEN, Concordia, Kansas

HOLSTEINS —CHOICE BULL CALVES

H. B. COWLES, TOPEKA, KANSAS.

OAK HILL HOLSTEINS

Bulls ready for spring service by Shadybrook Gerben Sir Korndyke out of A. R. O. dams. Heifers bred. Also a few fresh cows. All tuberculin tested.
BEN SCHNEIDER, NORTONVILLE, KAN.

BANKS' FARM JERSEYS

Quality with milk and butter records. One of the best sons of CHAMPION FLYING FOX, imported, at head of herd. Stock for sale.
W. N. BANKS, Independence, Kan.

Register of Merit Bull—Jersey

Year old. Solid fawn. Son of Flora's Golden Fern, 4 in R. of M. Dam Sultan's Beauty, 512 lbs., 1 year, when 23 months old. \$150.00. Bargain cannot be equalled.
R. J. LINSOTT, Holton, Kansas

HOLSTEINS

FOR SALE: Thirty head extra selected high-grade Holstein cows and heifers. Two registered bulls, "yearlings".
ARNOLD & BRADY, MANHATTAN, KAN.

Buy GUERNSEY Cattle

2 aged A. R. cows.
14 pure bred cows 2 to 8 years old.
1 2-yr.-old heifer, pure bred.
7 pure bred heifer calves, 3 months to yearlings.

Several pure bred bull calves.
10 grade cows and
10 grade calves and yearling heifers.
Also Jethro Bass Jr., the promising young son of Jethro Bass, Dam Hawthorne's Florantine whose butter record is 627 pounds in one year. Nothing better than these ever offered in the West.

SOUTHWEST GUERNSEY BREEDERS' ASSOCIATION,
459 Victor Building, Kansas City, Mo.

BONNIE BRAE**Holsteins For Sale**

75 head high grade Holsteins, consisting of coming 2-year-olds and about 50 head of heavy springers, from 2½ to 5 years old. All first class dairy cattle. Also registered bulls.
IRA ROMIG, Sta. B, TOPEKA, KANSAS.

They Keep It Up

There are some cattle that give more milk when they are fresh than a Jersey, but there isn't any breed that gives as rich milk as

**The Jersey**

at as small feeding cost, nor is there any breed of cattle that will keep it up like Jerseys will, year in and year out. That's why you ought to buy Jerseys to increase your herd's efficiency. Send for Jersey facts.

AMERICAN JERSEY CATTLE CLUB
324 W. 23d St., New York

HOLSTEINS.

Registered Holstein Bulls!

Only 5 ready for service, and seven 8 to 12 months old left. Sired by King of the Butter Kings, \$10,000 Milk and Butter King, and King Segis Hengerveld, nearly all out of A. R. O. dams. Prices \$85 to \$125. No females.

ROCK BROOK FARM
Station B, Omaha, Nebraska.

all the time. He is highly pleased with results. He is sold out of everything just at this time but will soon be ready to ship the earliest of his 1913 farrow.

Editorial News Notes.

The Farmers Alliance Insurance Company of McPherson, Kan., bears the distinction of being the first farm mutual fire insurance company in the world to inaugurate a specially prepared newspaper campaign for the purpose of showing farmers how to save money on fire, lightning, tornado and wind storm insurance. Furthermore it is a move on the part of the management of this company that should result—and is resulting—in a vast increase of business. This company now has more than 38,300 policy holders, and these policy holders get their insurance at so nearly absolute cost that the company has saved to its members during the past 15 years more than \$1,000,000 in premium money. Figuring on this basis the company is showing in its Mail and Breeze advertising what it would mean if all the fire, lightning, tornado and wind storm insurance of Kansas were given to the 22 mutual companies of the state. And what is more, there is no humbug or deception in the company's statements. It would mean many millions of dollars to the farmers of Kansas if they would follow this company's advice. The official records show that this class of insurance is as safe as it is possible to obtain. This being true, it would occur to the average mind that when it is possible to buy just as fine a quality of goods at home for less money it would be a sensible thing to do.

The Barnett System of Lightning Rods.

If any of the readers of Farmers Mail and Breeze contemplate installing lightning rods this season they should find out why the Barnett System gives absolute protection. Write to Jos. Barnett & Company, Riverside, Iowa and ask for their catalog.

Save Your Alfalfa.

Kansas Metal Granary Co., Wichita, Kan. can supply you with plenty of testimonials from men who have used their metal stack covers. They are convenient to use, easily adjusted and will do exactly what is claimed for them. Save your alfalfa in the stack and you will save enough the first season no doubt to pay for these metal covers. Don't wait but write today for prices and particulars. Please mention Farmers Mail and Breeze.

Your Hail Insurance.

How about your hail insurance? Don't neglect to provide the protection you will need this summer. Elsewhere in this issue the State Farmers Mutual Hail Insurance Co., of Waseca, Minn., makes an extremely attractive offer to save you one fourth of your premium. The company has a fine record and the very highest reputation. This year by saving all agents commissions it is able to give you full protection at a very low price. Look up their advertisement.

A New Manure Loader.

If you would like to rid yourself forever of heavy, tiresome, back-breaking drudgery of handling manure by hand, just turn to the ad. of the Anderson Mfg. Company, Osage City, Kan., in another part of this issue and then write for their circular showing how you can load cornstalk or green manure as easily and quickly as rotted manure and without any hard work. No farmer with any quantity of manure to handle can afford to overlook this new, well-tried device, which is in the reach of all.

Barnes Knows How.

A recent letter from Charles E. Barnes, of Taylorville, Ill., who breeds the champion strain of Buff Rocks says: "At the late National Buff Rock Club Show, held with the Illinois State Show, at Springfield, Jan. 6-11, last, with 243 Buff Rocks in competition I won 5 ribbons, on 5 entries, winning the much coveted National ribbon for best colored male, with 81 males competing. I also may say I have raised my chicks on Chamberlain's Perfect Chick Feed for past 10 years." Yours truly,
CHARLES E. BARNES,
Taylorville, Ill.

Why Should the Farmer Have Music?

"What has music got to do with farming? Music won't do the seeding or bring in the crops!"

More than once we have heard farmers make remarks such as these quoted above and at first glance it would seem that crop growing and music were pretty far apart. The farmer is the most practical of all men. He spends his days in doing work upon which he takes good hold with both his hands. He comes, by nature of his calling, to have a healthy scorn for everything which is merely theoretical or "unpractical". The fore-handled, hard-headed, profit-making farmer doesn't care to waste his time upon anything that does not have a definite, practical, visible usefulness in his life.

We respect this sort of man. He is making the crops grow all over this broad and fertile land. He is feeding the nation. He has the right to challenge music, or anything else, which he may deem as just "in his way" and a waste of his precious time. Music more than any other art is essential in every man's life. He NEEDS it, no matter whether he is a farmer or a sailor or a doctor or a college professor. He must have it if he is going to wear his heart in the right place and keep himself able to love and laugh and be happy. Crop-growing is the farmer's work; music is his play. The farmer who hasn't music in his home is very likely to be without a song in his heart.

It requires no musical ability to "play" the Victrola—it plays itself. You can carry it all over your house, or out on the porch, or under the trees in the summer time. It plays anything you want to hear from grand opera to ragtime and you can make your selections from more than 3,000 different Victor Records!

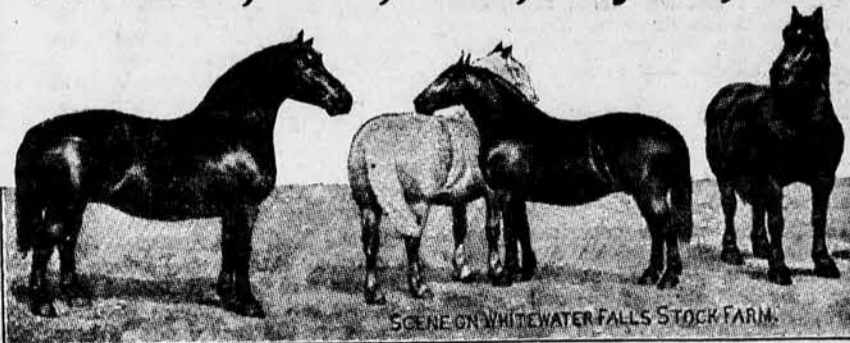
And so our advice to every farmer is to enjoy daily the benefits and pleasures of music and we suggest, if he does not know the easiest and best way to bring music into his home, that he should write to the Victor Talking Machine Company, Camden, N. J. We are confident that they will put him in the way of obtaining the world's best music.

Percheron Sale!

Whitewater Falls Stock Farm

J. C. ROBISON, Prop.

Towanda, Kan., Wed., May 21, '13



SCENE ON WHITEWATER FALLS STOCK FARM.

Greatest chance ever offered in America to secure young imported and American-bred Percheron stallions and fillies.

Thirty yearlings of both sexes, imported especially for this sale. All are acclimated and in good condition. Sired by the most noted sires of the breed, including "IMPRECATION" CHAMPION at the International Live Stock Exposition at Chicago in 1911 and 1912. Also by INTITULE, a winner at Chicago and costing more money than any other stallion imported to America in 1912.

Ton mares with colt by side and bred again to CASINO.

IMPORTED mares with colt by side and bred to CASINO.

Young stallions just ready for service.

Do not miss this, the greatest opportunity ever offered to secure the blood of the CHAMPIONS. Stock loaded on cars free of charge. Free conveyance to farm from Towanda. Send for catalogue to

J. C. ROBISON, Towanda, Kan.

Auctioneers—R. L. Harriman, J. D. Snyder, W. M. Arnold.

**60 - Bergner & Sons' Coach Horses - 60**

German Coach Stallions at prices you will be able to pay for at one season's stand. Also mares and fillies; all good bone with plenty size, style and action and the best general purpose horse that has ever been imported. The St. Louis Fair Champion Milon 3159 and the Kansas State Fair prize winner Mephistoles 4221 at head of herd. We are pricing these horses to sell and guarantee satisfaction. Write today or call soon.

J. C. BERGNER & SONS, Waldoock Ranch, PRATT, KANSAS.

14 Head of Kentucky Mammoth Jacks

from 3 to 6 years old, from 15½ to 16 hands high with 9 and 10-inch bone; priced to sell quick. Write today for prices and description. Five Percheron stallions left for sale cheap. Farm and sale barn on 21st Street, one mile east of Wichita Union Stock Yards.

J. C. KERR, WICHITA, KAN.

**Oldenburg German Coach Horses**

We are the oldest and largest breeders of the Oldenburg German Coach west of the Mississippi River. Our 1912 winnings at the leading western shows exceeded those of any other individual horse exhibitor. We have stallions and mares of serviceable ages for sale. Write us. **JOS. WEAR & SON, Barnard, Kan.**

ABERDEEN-ANGUS.

DENTON'S Angus Bulls all sold but a fine lot coming on for fall trade. Write your wants.
W. G. DENTON, DENTON, KANSAS

ANGUS CATTLE

Bulls and females for sale; singly or in carload lots. Address **SUTTON & PORTEOUS** Lawrence, Kan.

GALLOWAYS.

G. E. CLARK. W. W. DUNHAM. CAPITAL VIEW GALLOWAYS. 12 Miles West of Topeka. Can furnish car of good bulls ranging in ages from calves to 2-yr.-olds. Can suit your wants. Write **CAPITAL VIEW RANCH, Silver Lake, Kan.**

JACKS AND JENNETS.

Jacks and Jennets 5 head of Jacks and 10 Jennets for sale. Quitting business. Write for prices.
E. M. HICKMAN, Okmulgee, Oklahoma

PUREBRED HORSES.

The Best Imported Horses One thousand each. Home-bred registered draft stallions—\$250 to \$670 at my stable doors.
A. LATIMER WILSON, CRESTON, IOWA.

PUREBRED HORSES.

37 MARES, 15 GELDINGS, 14 MULES
1 registered Percheron stallion, weight 2100 will be sold by me, May 14, 1913, public sale, Richfield, Kan. Kentucky Gold Dust mares crossed with registered Percheron stallions, no bronco, no western stuff. 14 section stock ranch, fenced, well watered, for lease. Richfield reached via Syracuse, Kan., Santa Fe R.R., thence daily auto. Particulars. Write G. Porter Craddock, Owner, Richfield, Kan.

Truman's Pioneer Stud Farm
America's Largest Importers

Shire, Percheron and Belgian Horses

Write for Illustrated Catalogue.
TRUMAN'S, Box E, BUSHNELL, ILLINOIS

Percheron Stallions

Black, 6 years old, weight 1800 pounds. Black, 3 years old, 1700 pounds. Dapple gray, 4 years old, 2,000 pounds. Roan, 2 yrs. old, 1400 pounds. Sound, well broke, tried breeders, with plenty of colts to show. Gilt-edge guarantee. No better horses in any importer or breeder's barn in the state, and I am offering them at sacrifice prices.
RED POLLED CATTLE and DUROC JERSEY BOARS
GEO. W. SCHWAB, Clay Center, Nebraska

Kafir Silage Led in Profit

Made Best Winter Roughage For Calves

THAT silage in general and Kafir silage in particular is an A No. 1 winter roughage for beef calves was brought to light in the first lap of an experiment just ended at Kansas Agricultural college.

Ten calves fed Kafir silage and cottonseed meal for 100 days, made a net profit of \$60.46 for the lot.

Another 10 calves, fed on sweet sorghum silage and cottonseed meal, came next with a net profit of \$51.03.

Another lot fed corn stover, shelled corn and alfalfa hay made a profit of \$49.34.

A corn-silage and alfalfa-hay lot cleared \$48.04.

And 10 corn-silage and cottonseed-meal calves brought up the rear with a profit of \$47.05.

The results of the experiment were first made public to about 500 Kansas stockmen who gathered at Manhattan, May 1 by invitation of the college animal husbandry department.

The 50 high-grade Hereford calves used in the test were bought of C. A. Johnson of Russell county. They were April calves, weaned early in October, and then kept on range and stalk pasture until the feeding experiment began. At the time they were bought the calves averaged about 422 pounds a head. The 50 calves were divided into five lots of 10 animals to the lot and fed 100 days, from January 21 to May 2, on the following rations:

Lot 1—Corn ensilage according to appetite. One pound of cottonseed meal to the calf, daily.

Lot 2—Kafir ensilage according to appetite. One pound of cottonseed meal.

Lot 3—Sorghum ensilage according to appetite. One pound of cottonseed meal.

Lot 4—Corn ensilage according to appetite. Alfalfa hay according to appetite.

Lot 5—Alfalfa hay according to appetite. Corn stover according to appetite and ration of 1.83 pounds of shelled corn daily.

The total gains were: Lot 1, 1,528 pounds; lot 2, 1,627; lot 3, 1,584; lot 4, 1,500; lot 5, 1,624.

The profit by the lot was: Lot 1, \$47.05; lot 2, \$60.46; lot 3, \$51.03; lot 4, \$48.04; lot 5, \$49.34.

The cost of feeding, including labor, was: Lot 1, \$55.05; lot 2, \$54.96; lot 3, \$54.94; lot 4, \$57.45; lot 5, \$9.56.

The cost of feeds was based on the following prices: Corn silage, \$3 per ton; Kafir silage and sorghum silage, each, \$2.66 per ton; corn stover, \$3 per ton; cottonseed meal, \$30 per ton, and shelled corn, 50 cents a bushel.

To one lot alfalfa hay was substituted for cottonseed meal in quantities supplying the same amount of protein. The outcome of the experiment seems to prove cottonseed meal is a better source of protein than alfalfa hay when fed with silage as a roughage.

Ten of the calves had corn stover and shelled corn instead of silage. With alfalfa hay to supply the protein in the ration this lot made relatively the poorest showing of all, when it is considered that to produce the corn and stover they were fed required between two and three times as much land as the silage. The prime fact brought out by the test is that silage is the great roughage for wintering beef stock under intensive farming conditions.

The stover and shelled-corn calves came out smooth and round, but lacked the growth made by the other four lots. Instead of growth, the stover-corn-alfalfa ration showed a marked tendency to produce fat.

In justice to the corn silage, it must be said it was cut rather coarse. The sorghum silages were fine and therefore more to the liking of the calves. This is held to account in part for the better showing made by the sorghum fed lots. Older stock would probably have eaten the corn silage as readily as the sorghums under the same conditions.

That good feeding of young stock instead of "roughing" them through the winter, is the most economical way of feeding, proved one of the surprises of the test.

The experiment was in charge of Prof. C. M. Vestal of the college, who explained the details to the stockmen. The presence of the calves in the college feeding lots added to the interest of the visitors, for they could see for themselves the effect of each ration. The value of the calves was fixed by some of the visiting stockmen and members of the Kansas City Livestock ex-

change who inspected the entire bunch.

The calves will now be pastured under identical conditions, until October 1. Every calf is tagged and a complete and accurate report showing the progress made by the animals during the summer, will be possible next fall.

Chinch Bugs Injuring Crops

Chinch bug reports have become frequent and disquieting of late. On that account a prolonged rainy season would almost be welcome, if it did not give the grass and weeds too great a lead over the corn. Just before last week's rain, the following message was received from a reader of the Mail and Breeze in Crawford county, southeastern Kansas:

"If the Mail and Breeze crop reporters can tell us how long 1 acre of wheat and oats will graze a bushel of chinch bugs, we can then figure when to turn them in on the corn fields. I never saw them so thick before in my life. At night these earnest workers go down into the ground and work on the roots, then about 9 o'clock they march out and work on the tops. I have never seen pints where now there are gallons of chinch bugs. Already one-fourth of the crop is destroyed and the harvest will soon be over.

Up to a week ago I never saw so fine a prospect for both crops at this time of year. I first noticed the bugs Saturday. Traveling all the week from the south to Kansas City, I found them thick."

When Alfalfa Saps the Soil

Mr. Editor—In a recent issue of the Mail and Breeze Mr. Hatch said that crops succeeding alfalfa produced smaller yields than others on adjacent lands. This is easily explained. Alfalfa draws on every element of plant food in the soil—nitrogen as well as mineral elements. If none is returned these elements are reduced in the soil. Buffum, of Wyoming University, found by soil analysis that a field that had grown alfalfa for 12 years had lost much of its nitrogen. The U. S. department of agriculture was slow to believe this statement but later in an independent investigation found it to be true. To determine whether the alfalfa is getting its nitrogen from the soil or the air, its roots should be examined. If the roots have nodules on them the plants get nitrogen out of the air. If the roots are smooth they get this element out of the soil. In the latter case the alfalfa should be inoculated, either with an application of manure, or of soil from an inoculated field. J. Rawdon.

Woodward, Okla.

Kansas Quarantines Horses

After May 15 no horses may be brought into Kansas unless accompanied by a certificate that they have been given the Mallein test for glanders and have been found free from the disease.

Cases of glanders are becoming more frequent among Kansas horses. The source of the infection has been traced to horses shipped into the state.

Mallein is made from a culture of the glanders' bacillus in the same way that tuberculin is made from the tubercle bacillus, for use in testing cows for tuberculosis. A horse infected with glanders will react to the Mallein test as a cow does to the tuberculin treatment if she has tuberculosis. In most states anyone selling or concealing a horse, having reasonable cause to know the horse has glanders or farcy, is liable to a heavy penalty.

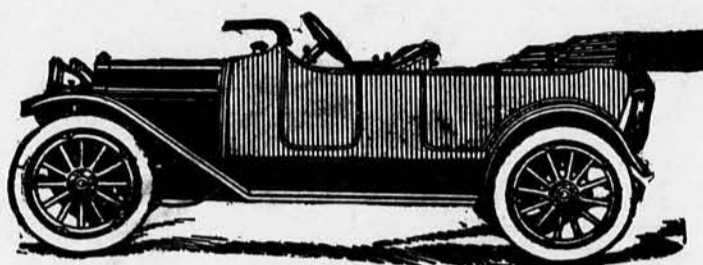
Dry-Farmers Feeling Hopeful.

Mr. Editor—I especially appreciate the information on dry-farming given by the Mail and Breeze also the discussions on topics of general interest. I appreciate the barring of certain classes of advertisements from the Capper Publications. We dry-landers made the desert bloom pretty well last season. Prospects are excellent so far this spring. C. W. Wiman.

Arlington, Colo.

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The Paige "36" is a big car, excellently designed and constructed, and phenomenally equipped. People say the price—\$1275—seems impossible. But that's the price.

116 inch wheel base, 4x5 inch motor, cork insert multiple disc clutch, left-side drive, center control, silent chain-driven motor gears, Gray & Davis electric starting and lighting system, Bosch magneto, 34x4 inch tires.

For those who want a smaller car, the Paige "25" at \$950 offers a value just as extraordinary. Come and see the Paige before you choose any car. Both models are offered in a variety of beautiful body types.

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