

THE FARMERS MAIL AND BREEZE

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Number 40



Locust Trees, a Forehanded Farmer's Woodlot. See Mr. Scott's Article on Honey Locust, Page 11

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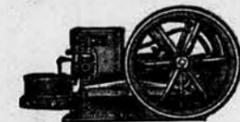
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What We Must Do In Kansas

From the address of Arthur Capper before the Montgomery County Progressive Club, at Independence, December 4.

I believe in the people of Kansas; I know we shall settle the great questions of government now pressing for solution and settle them right—but if we are in earnest as Progressives we must not shut our eyes to the fact that the battle for the people's rights has only just begun. There is much work ahead of us. I am not discouraged. In spite of the little mishap the other day—a little slip-up in the official count, which I personally have strong reasons for regretting—I still have faith that the vast majority of the people of Kansas believe in progressive principles which we advocate, and that under efficient leadership they will take into their own hands the reins of government. But we who have pledged ourselves to this movement must not allow it to lag; we must not falter. The effect of a gathering such as this cannot be other than good. Our cause prospers as we get the truths we believe in before the thinking men and women of the state.

Let me suggest, if you will permit, a few of the things which to my mind should have the careful attention of Kansas Progressives for the next year or two.

The progressive movement, as I see it, seeks to protect the weak against the cupidity of the strong and powerful. It seeks to restore to the people—the source of all governmental powers—those rights which have been usurped by Privilege. It seeks to render all governmental functions less complex and complicated. And in this line let me say that I believe we should fight with all the earnestness possible for less technicality and speedier justice in courts; for the strict and impartial enforcement of the laws of the state without fear or favor, for rich and poor alike.

Every one, from the judge on the supreme bench to the transitory hobo "run in" for vagrancy, will admit, I think, that our statute books are cumbered by too many useless and foolish laws—so many in fact that lawyers and judges themselves often seem at a loss to determine what the law really is. We have too many laws, tinkered and patched by journeymen jobbers who go to our legislative halls with a direct commission to "tack on a joker" or carve out a loophole or draw the fangs from the laws the people demand.

It seems to me, therefore, that there needs to be a complete reformation of the courts of this country, both state and federal. I believe in the reign of law, but I believe still more in the capacity of the people to make and interpret their own laws. Disrespect of law is the spawn of anarchy. If we are to escape that, as God grant we may, we must have, and have soon, a legislative system that responds faithfully and true to the will of the people, and a judicial system that cannot thwart that will.

I do not believe that the system whereby federal judges are appointed to a life tenure of office, is sound or is in keeping with the spirit of our American institutions. Federal judges, United States senators and all other servants of the people should be elected by direct vote of the people. The people are bound to have a larger voice in their own government; they are determined to watch more closely the acts of their public servants, and they will utilize every method which will enable them to participate more effectively in governmental affairs. The initiative and referendum, and the recall, are all new demands of the people which have sprung up in the past generation, because there is necessity for them. And because they are in keeping with the new conscience and the new spirit of the times, they are certain to come. And the Progressives of Kansas will do their part in hastening their coming.

I believe the Progressives of Kansas should work for a more efficient primary

and election law. We have taken one step in the right direction in this state but our present election laws are still far from perfect. In the August primary, and in the November election as well, more than 5 per cent of all the votes cast were for one reason or another not counted. We must devise some plan under which every citizen may feel absolutely certain that his will concerning candidates for office shall be correctly recorded. Otherwise, our elections are a farce and a delusion.

It is of vital importance that every safeguard possible be thrown around the machinery of our elections. If the will of the voters is defeated by fraud or is thwarted through inefficient methods, we best abandon popular elections. It is not often that an election is decided by so narrow a margin of votes as was the case in Kansas this year, but such instances are always possible and neither the candidate for office nor the people of the state should be left at the mercy of a technical construction of an ambiguous law. The Progressives must make it possible for every vote to be counted fairly and honestly; we must make it impossible for crooked or ignorant election officials to throw out honest ballots—impossible to defeat the will of the voters. Naturally, too, I am in favor of a presidential preference which will permit the voters themselves to name the candidates for president instead of an unfair national committee and the job-holders and postmasters of Alabama and Mississippi.

And in this connection I want to emphasize once more a thing that you all know and deeply feel: namely, the progressive movement, like every great reform movement, must do more than really secure the enactment of good laws. The movement must be more far-reaching even than that. Because a law that is not backed by public opinion and the public conscience had better never be written on our statute books. To have clean, honest elections we must have a sentiment among all the people that will brook no tampering with the ballot box and the tally sheet. We must have a sentiment that regards the right of the majority to rule as the supreme issue in every election. And we must nominate candidates who will scorn to accept any office if there be the slightest doubt as to the election or the smallest shadow of a taint connected with it. The creating of that sentiment should be a part of the Progressive program in Kansas.

I believe the Progressives of Kansas should stand for the civil service and merit system in the transaction of the business of the state, instead of the wormout spoils system.

The people of Kansas, and indeed the people of the nation, are taking a higher stand in respect to public affairs than ever before, and much good has already been accomplished. But we are still a long way from conducting the public business on as careful and as economical basis as that on which the successful private business is conducted.

Through my newspapers, and personally, I have with all the force at my command advocated the establishing of the reign of justice and social righteousness and a larger democracy in this country, the solving of all political questions and all economic problems in the public interest, rather than in private interest. I am here tonight to pledge you by all that I hold sacred that my life-work shall be a continuation of that policy.

No, my friends, this is no sudden upheaval; no "passing fad." It is indeed a "battle for the Lord." The gaunt children in the factories and sweat shops; the interest-ridden, overtaxed farmer; the struggling mechanic; the shop-keeper, the people who make America, look to us for their economic and social salvation. We cannot fail them; we dare not fail them. God grant us the strength of purpose, the wisdom and the courage that the task demands!

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THE FARMERS MAIL AND BREEZE

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



Volume 42
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WHAT KANSAS' FIRST COUNTY MAN IS FINDING TO DO

There is at the present time a distrust of the "county farm adviser" idea among Kansas farmers. The Mail and Breeze is not urging they take up with the plan against their judgment, but is investigating what the few "county men" are doing in this part of the West and laying the facts before its readers. While the idea is new to us, remarkably good results have come from it in Canada and the South. Undoubtedly the success of the plan depends a great deal on the man, who is really an agricultural agent for his county. Missouri has two in active service and three more in prospect. The two Missouri men are making good. Among many other things they have accomplished, one has vaccinated some 2,000 head of hogs this fall in his county and the other has worked up a successful co-operative marketing scheme for his people. Mr. Ross who, you might say, has just begun in this state, makes a good showing for his four months' work in Leavenworth county. His article indicates that a county man has no trouble to keep busy all the year 'round. Read his statement clear through and if you feel like making a comment for print do so.—
Editor's Note.

Leavenworth County's Farm Adviser Reviews His Four Months of Work

BY P. H. ROSS

Written For Farmers Mail and Breeze

The men financing the movement thought the work should be in as close touch with the Agricultural college and Experiment station as possible and, in order to keep it so, a contract was entered into between the college and the Leavenworth Agricultural club specifying that the man chosen as adviser should be selected by the college with the approval of the club. It was further agreed the work should be carried on for at least two years, as its beneficial results could not be demonstrated in less time.

The writer was sent to Leavenworth county to begin work, August 1. My instructions were to carry to the farmers the lessons learned from the experiment station as interpreted by each department. That is, if the agronomy department concludes from a series of experiments that a certain method of preparing the seedbed for wheat will one year with another produce the largest yield, it is my duty to urge that method, even if I had obtained good results from a different method, from a necessarily limited experience in wheat raising. Or if the dairy department finds that the use of silage is absolutely essential to the cheapest production of milk and butter, it is my duty to present the matter that way to the men interested, with the figures to prove it.

The details of the work were left to me as the man in the field knows his problem better than any one else at a distance can know it. The club was of the greatest aid in starting the work, as the farmers joining it signified by that fact that they were in sympathy with the movement and would be glad to receive my visits and suggestions.

A route was laid out in each township and I was to visit the farms of the members in turn. On the first visit to a farm a general survey is made and notes taken on the location and size of the farm, whether farmed by tenant or owner, the kind of soil, character of subsoil, condition of drainage, the acreage of each crop grown, means of keeping up the fertility, system of rotation practiced, if any; the number of each kind of domestic stock kept, and a great deal of other data of lesser

importance. This information is placed on file to be referred to at any time that the man who farms the place may call at the office for consultation. This work is yet by no means complete but when all this information has been obtained on a large number of farms, distributed over the county, we shall have progressed somewhat and much practical information will be gathered from the experiences of successful farmers and carried to other farmers of the county.

The attitude of the farmers visited has been friendly to the work. They have readily given all the information asked for and have followed out the suggestions that were made as nearly as their conditions would allow. The subjects coming up for consideration have ranged from bedbugs to rats—and in neither case were these things laughing matters.

During August the preparation of the seedbed for alfalfa was the subject upon which most advice was desired. The area of that crop has been increased several hundred acres this fall. In almost every case where directions for seedbed preparation and seeding were followed excellent stands resulted.

I obtained a list of farmers whose farms were in need of drainage and in co-operation with the office of the state engineer arranged to have Mr. Walker, the drainage engineer, come to the county. He went over each farm, giving suggestions as to the location of the line of tile, the depth that the tile should be placed, the different sizes of tile necessary, and other practical points that would be required by the peculiarities of the place under inspection. At this writing some of this work has been done but it has not been completed. When it is, there is no doubt about the benefit of the results to follow.

One of the cases of less general interest to come up was the infestation of strawberry beds by an insect that was destroying the plants, root and branch. The insect was found to be the strawberry root worm and the means of control advocated by the entomology department of the college were advised. The grower thereby obtained a knowledge of what the trouble was and of the most practical means of meeting it ever after.

On the farm of one of the most up-to-date farmers, who had a beautiful home fitted with a gas lighting system, a modern bathroom, and water piped to all parts of the house, the farm practices in general were above criticism, but the problem of hog feeding was evidently one that had not been solved. A bunch of hogs 12 months old, averaging about 200 pounds in weight, were being fed upon a corn and water diet. The possibility of cheapening the ration and shortening the feeding period by the use of tankage was suggested. Inquiry was made as to where it could be obtained, how much to feed and how to feed it, and assurance was given that the suggested change in the hog ration would be made. In one experiment at the Kansas Experiment station the value of corn was increased 20 per cent by the use of tankage as a supplementary feed, as compared to corn fed alone. This was a small matter on a large farm but the change in the method will mean a good many

(Continued on Page 21.)

IN FEBRUARY, 1912, a few of the progressive citizens of Leavenworth county organized what they called the Leavenworth Progressive Agricultural club. The main object was to bring back the yield of the principal crops to the high level of the virgin soil. In addition encouragement and study were to be given to the buying and selling of crops and supplies. Also to the maintenance of good roads; to an appreciation of insect and bird life, and to a closer sympathy between the people of the country and of the city by striving to get them better acquainted and to realize that in the main their interests are identical.



P. H. ROSS.

The club early took the matter of a farm adviser under consideration. P. E. Crabtree, of the extension department of the Kansas Agricultural college came to the county for three weeks for a sort of preliminary trial of the plan and was kept so busy he could not get around to all the farmers who asked for his services. In the short time allowed for the trial no great lasting results could be expected but Mr. Crabtree's work was appreciated and the members of the club went earnestly to work to make arrangements whereby a farm adviser might be kept in the county permanently.

It was necessary that the movement be financed by individual subscription. The business men of the county were canvassed and the response was so liberal that funds were raised and at the July meeting of the club the college was asked for a man. At the same meeting \$1,000 offered by the Crop Improvement association of Chicago was accepted and the money has been received.



A FARM CONFERENCE IN PETTIS COUNTY HELD BY JORDAN, MISSOURI'S FIRST COUNTY MAN.

The Farmers Mail and Breeze

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PASSING COMMENT by T. A. McNeal

THE CASE OF BLEASE, "To hell with the constitution," yelled Governor Blease of South Carolina.

Carolina as he stood the other day before the convention of governors. Most of the governors were shocked, or at least pretended that they were. And yet, why should they have been? His language has been a trifle more emphatic, it is true, than that generally used by governors of the South, but has not the whole policy that has dominated most of the southern states been that of "to hell with the constitution?"

Where and when has there been a real earnest effort made in those states to punish lynchers?

Senator Tillman did not use the same words as Blease, but he did say that it was the persistent purpose of himself and the people he represented to deprive the black men of the South of the rights supposed to be granted to them under the constitution. He did say, that if necessary to accomplish this, they would stuff the ballot boxes and commit murder. It was simply another way of saying, "To hell with the constitution."

That has not injured the standing or popularity of Tillman, apparently. He has been returned time after time to the senate of the United States and supposedly Christian Chautauqua associations all over the North have fairly fallen over each other in their eagerness to secure his services at a high price.

He has never retracted or apologized for his declaration in favor of the crimes of ballot box stuffing and deliberate murder. Blease is simply following in the path of Tillman and honors are being heaped upon him.

Next year in all probability he also will be a star attraction at the Chautauquas. The more he blasphemes; the more he panders to the mob; the more he howls in favor of murder, the higher price he will command on the platform.

Vardaman, who boldly proclaims his purpose to sweep away the amendments to the constitution that are supposed to grant the blacks the rights of citizenship; who declares that money spent in educating the children of blacks is money wasted; who frankly proposes to condemn the black race in this country to a condition of hopeless ignorance, poverty and servitude, is also a star attraction on the Chautauqua platform.

Bleas understands the situation. He understands that the more intemperate his statements; the more he tramples on law, order and common justice, the more he will be honored by those who have the power to run things in his own state and the more money he will make if he sees fit to take the Chautauqua platform.

Like most of his kind, Bleas vaunts himself on his bravery. The truth is, however, that it doesn't require a brave man to deny the protection of the law and common justice to a poor black in South

Carolina. It would require real courage down there to stand for justice. It will be observed that he says that he will never call out the militia to protect a black brute who attacks a white woman. He does not say that he would also refuse to protect the legal rights of a white brute who might be accused of the same crime. He knows very well that to accuse a black man of that crime in his state is sufficient justification in the minds of the blood-thirsty mob to warrant his burning at the stake. It matters very little to the mob whether the right "nigger" is being burned, just so it is a "nigger."

He knows also that lust of mobs for murder grows with the gratification of its passion for blood. Lynching is not confined to alleged rapists. It has become common to lynch black men accused of any crime from trivial misdemeanors up.

And the North has but little room to criticize the South. A negro is burned in the conservative old state of Pennsylvania in broad daylight and the lynchers go unwhipped of justice. There are lynchings in Ohio, Illinois and even in Kansas. It is hardly popular even in the North to advocate that black men should be given the same rights before the law as the white man.

Bleas has nothing to fear. He will go to the senate and be received into full communion by his fellow senators, and during his vacations he will, no doubt, have the opportunity to put in full time at two hundred per, addressing Chautauqua gatherings organized supposedly in the interest of the general uplift.

DATES. That heading does not necessarily indicate that I am interested in the day of the week or month or year in which various events transpired. The dates referred to are the fruit formerly grown, as I understand, nowhere except on the African desert, but which my old friend, Major Bill Caldwell, informs me is now being raised with success out in southern California.

It was discovered by an enterprising representative of the agricultural department that in a certain district in California—the Coachilla valley, down in the neighborhood of Indio—conditions were favorable to the raising of the African date.

The government has established gardens near Indio where the date trees are being successfully raised. Ripe dates, the major tells me, sell at \$1 per pound, which sounds a little rich for the blood of a person in ordinary financial circumstances, but the major says it is hard to get enough to anywhere near supply the demand out in California even at that price.

Of course the Mail and Breeze has only a very indirect interest in this matter. Kansas can never get into the date raising business and a very small per cent of the readers of this moral and agricultural guide will ever be more than very indirectly interested as we all are indirectly interested in the development of new industries in any part of this great and bully country. However, I note that we do have this much indirect interest. It appears that dates grown under proper conditions as to soil and climate, will prove to be a very profitable industry, but the localities in which the industry can be made a success are very limited in number and extent.

However, it seems that the grafter is getting busy. He sees a chance to catch some suckers, and I am looking for glowing advertisements to appear offering to sell superior date land at a bargain. It is likely to offer a rather fruitful field for the land selling grafter who could get hold of some desert land for next to nothing and by representing that enormous fortunes can be made from the land in a few years raising date trees, get the dollars of easy marks who are always ready to take hold of a proposition of that sort.

The government experts say that already worthless lands are being sold by conscienceless speculators. I have not heard of date farm sellers yet, but I am rather expecting them. In passing, I may say that I have never tasted a ripe date except the dried variety we buy sometimes in the grocery stores, but Major Caldwell has agreed to come across with a box of the genuine, ripe, undried fruit.

MILLING IN TRANSIT.

For several years the flouring mills of the country located at interior points were granted what was termed a "milling in transit" freight rate. That is, wheat or other grain could be loaded, say, at Great Bend, by way of illustration, shipped to a mill located at Hutchinson, Newton, Emporia or Topeka, there ground and the product shipped on to market at the same rate that would have been charged for hauling the load of wheat direct from Great Bend to the market without unloading.

That was a great advantage to the interior miller. It enabled him to compete with the big miller in the big city. As a result the number of mills greatly increased and the capacity increased in proportion. In 10 years, from 1899 to 1909, the number of mills in the states of Kansas, Nebraska, Missouri, Oklahoma and Texas increased from 1,295 to 1,940 and the amount of capital invested from \$24,770,000 to \$67,534,000.

Under this "milling in transit" privilege the miller at the small town like Stafford or Halstead or Great Bend could ship in a carload of wheat or corn and ship out a load of flour or bran or meal at the same rate he would have paid on the original carload of

grain from the point of shipment to the point of destination.

It was not necessary that he should figure out just how much flour was made out of the original car of wheat and how much bran, shorts, etc., in making his outgoing shipment. He could ship a full car of flour to one market and a full car of feedstuff to another market at the same rate that he could ship a car of mixed feed and flour. In short, the interior miller could ship wheat to his mill, pay the freight thereon and ship products of wheat out equal in weight to the wheat shipped in. It was immaterial whether the outgoing car was all flour or all bran or part flour and part bran.

On the 5th day of June last the Interstate Commerce commission made a new rule. It required that the outgoing shipments should be proportioned to the amount of the particular product contained in the original car of wheat. Wheat will yield about 72½ per cent of flour and 26½ per cent of bran and other products. There is about 1 per cent of waste. In order to get the benefit of the milling in transit rates under the new order the interior miller was only allowed to ship out 72½ per cent of flour.

If, for example, the miller at Stafford received a car of wheat from Dodge City and had a market for feedstuffs at Fort Scott, but not much of a market for flour, he could not take in two cars of Ford county wheat as before, grind it up and load a car of flour for some market where they needed flour and load another car with feedstuff for Fort Scott. Under the new order he must send as much flour to Fort Scott in proportion as he shipped feedstuff or else he could not get the benefit of the rate.

At a great milling center like Minneapolis, for example, this order did not work any particular hardship, as the markets for flour and feed are regular, but it did work a hardship on the miller in the small interior town. His markets for flour and feed did not run together. In one locality he had a market for all the flour he could produce and not much demand for feedstuff, while in another locality he had a great market for feedstuff but not much of a market for flour.

Another hardship caused by the new order is that the interior miller is compelled to keep track of the different kinds of wheat he ships in and flour he ships out. This requires a great deal of additional expense in the way of keeping accounts.

Commissioner Prouty, who is generally acknowledged to be the clearest headed member of the Interstate Commerce commission and who has given transportation problems perhaps a more careful and intelligent study than any other man in this country, disagreed with the other members of the commission and said that "the only possible result of this rule is to concentrate the milling industry at the primary market." In other words, it is the opinion of Commissioner Prouty that unless this rule is modified it will drive the mills at the small interior towns out of business and concentrate the milling business at the great milling centers.

If he is right about this, and I think he is, then this becomes a matter of tremendous importance not only to the local millers all over Kansas and other wheat raising states, but it is of equal importance to the wheat raisers.

Suppose the local mill is closed and the only market for the farmer's wheat is the big milling center. What will happen to him? It is certain that a combine will be formed among the mills at the big center by which the price of wheat will be reduced on the one hand and the price of flour and feedstuffs will be raised on the other.

To drive the mills out of Kansas would, in my opinion, mean an average loss of 10 cents a bushel in the price of wheat, which on such a crop as we raised this year would mean a loss to Kansas wheat raisers of at least 8 million dollars.

An effort is being made to have the old rule re-established by the Interstate Commerce commission. It is, I think, to the interest of every miller and of every wheat raiser in Kansas that it should be done.

FOR SECRETARY OF AGRICULTURE.

Far be it from the editor of this department to attempt to dictate the appointment of any member of President Wilson's cabinet. To begin with, I am not tremendously interested in the selection of the new cabinet and in the second place I do not think that my advice to the president would cut any figure whatever if I were to give it. My good friend Captain Jennings who has had charge of the weather here, however is interested and I am disposed to stay with Cap. Not that I have been at all times satisfied with the kind of weather that he has dished out to us here. I have told him plainly a number of times that some of the brands of weather that he dished up were abominable and deserving of the severest criticism and at times tried my personal friendship for him to the limit. Notwithstanding this however, I am disposed to stay with him. Cap. believes that Willis L. Moore, chief of the weather bureau, would make an ideal secretary of agriculture. He seems to think that Willis could make the weather bureau co-ordinate as it were with the department of agriculture in a way that would be of vast advantage to the farmers of the country generally and especially of the great Middle West. I therefore give place to the following communication:

Some 16 weather bureau officials met at Atlanta, Ga., November 12-15, to devise ways and means for

bringing the work of the weather bureau into closer touch with agriculture.

Sincere earnest men were there. The meeting was presided over by the chief of the weather bureau, Prof. Willis L. Moore, who always brings to his work an enthusiasm that is an inspiration.

After a most thorough discussion of the subject the officials unanimously recommended the establishment of a new division in the bureau to be called the division of agricultural meteorology, and the establishment of a fully equipped meteorological station under a trained observer at each state agricultural college, with a sub-station at each experiment station.

The resumption of the weekly crop bulletin in a much more complete form than ever before was strongly urged, so as to keep the farmer more fully informed as to the condition of the crops in his state.

The successful introduction of these plans will depend entirely on the new secretary of agriculture, and as Prof. Willis L. Moore, the best fitted man in the country, has been highly endorsed by many of the leading agriculturists, it is sincerely hoped that he will be appointed by President-elect Woodrow Wilson.

Prof. Moore, himself a farmer, was appointed chief of the weather bureau by President Cleveland upon the recommendation of J. Sterling Morton, President Cleveland's secretary of agriculture.

Prof. Moore, as chief of the largest bureau in the department of agriculture, has frequently been called on to act as acting secretary of agriculture in the absence of Secretary Wilson and Assistant Secretary Hays.

feed and clothe the world and is often beaten out of the necessities of life.

There is a wide difference in the two classes, but I guess they are both useful. An optimist will tell you that the foundation of the government is the people, a government of, for and by the people. The other class might tell you that the foundation of the government is debt. Both are to a certain extent correct. Take the national debt, the state debts, municipal, county, corporation, township, school district debts and add to all that private debts and you have something to stagger the imagination of man, and you also have the greatest ill that America is afflicted with today. Can they, or rather, will they ever prescribe a remedy and administer the same under trained nurses from the ranks of the suffragettes or from any other source? Remove the cause of the farmer's financial ills and the optimist will lose his job, for the people will get along fairly well without his sugar-coated pellets. The reason the pessimist complains is because he has the heavy end of the load to carry.

Another reason for the farm folks moving to town is this: They have to do so to get the benefit of latest, up-to-date legislation. The world may be getting better, but conditions are getting in a deal of a shape when town people have to come out and clean up the farm home. I fear we will have two expert farm bosses instead of one.

Fowler, Kan. R. S. HARTMAN.

How liable we are to talk through our several head-coverings. The above somewhat fierce and rambling communication is based on the theory that Mrs. Bullard is a town woman presuming to give advice to country folks. On the contrary, she is a farmer's wife, lives on a farm, takes an active part with her husband in managing the farm, works hard and yet finds time to take deep interest in public affairs. She does not speak from the standpoint of the city woman—in fact, has never lived for any considerable length of time either in town or city.

Hon. Edward Taylor, president of the Farmers' congress here in Kansas, is a farmer, and, so far as I know, always has been. No doubt there is a large amount of advice handed out that is of no value. No doubt, either, that a large amount of advice is tendered by people about matters concerning which they know little or nothing, but there is a thought I might suggest. There is no law that I know of compelling people to take this advice if they don't want to take it.

I am wondering what the farm work is that Mr. Hartman considers "menial." Webster defines the word "menial" as "low, servile, mean." Is there any work necessary to be done on the farm that is "low, servile and mean?" I do not know of any. Furthermore, no farmer will succeed very well who considers his work low, servile and mean. More than that, if the farmer labors under the impression that he will find an easier job in the city than in the country he will probably discover that he is mistaken.

I cannot understand the reasoning of the man who is opposed to good roads and better farming. Even if he does not wish to increase the aggregate amount of his crop it certainly would be good business sense for the farmer to cultivate fewer acres and cultivate them better. If by proper cultivation the farmer can produce as much from 10 acres as is produced by careless farming on 20, then he had better, just as a pure business proposition, farm the 10 and let the other 10 rest or go to pasture.

The interest of the farmer and the dweller in the town is or ought to be mutual. Certainly the town can't get along without the farmer, and on the other hand the farmer can't get along very well without the town.

If a high-collared dude from the city or town who knows no more about farming than a hog knows about the Binomial theorem, goes out into the country and undertakes to dictate to the farmer how he should manage his affairs, fire him at once, but what harm can come of mutual consultation between the man in town and the man in the country concerning matters that pertain to their mutual benefit?

There is meat in what Mr. Hartman says concerning debt. The burden of debt is vastly greater than it should be and, in my opinion, vastly greater than it needs to be. Debt is not necessarily a burden. For example, in every statement of the public debt of the United States there is listed 340 millions of government notes, greenbacks. It is a debt but not a burden.

I believe that a scheme could be worked out by which the people could use their credit at so low a rate of interest that their indebtedness would be practically no burden. On the other hand, industry would be greatly stimulated, good roads could be built, water powers developed, the rainfall that now goes to waste, carrying with it the fertility of the soil and causing destructive floods, could be conserved and used to water the lands in times of drouth.

Fables Up-To-Date

A horse that had access to an abundance of corn and good, sweet alfalfa hay and a warm stable in which to sleep, and which also was carefully groomed every day, was accosted by a lean, half starved animal that complained about conditions. "What are you grumbling about?" asked the fat, well-fed horse. "I can't see but what times are mighty prosperous. There is a crib full of corn and ricks of the finest hay all around here." "That seems to be true," said the lean horse wistfully, "but it occurs to me that

if you and I were to change places you might take a different view of the situation."

There was once a church deacon who was long on making loud prayers. One winter night he hitched his horse unblanketed to the rack in front of the church and went in to take part in the exercises. After a time the horse, shivering with cold on the outside, heard his master praying loud enough to nearly raise the roof, and said: "If that master of mine would spend a little more time in trying to make me and the rest of his animals comfortable it occurs to me that he wouldn't need to yell so loud in order to attract the attention of the Almighty."

A squirrel pursued by a dog sought safety in the branches of a convenient tree and from that height turned loose a torrent of abuse on the dog. "Come down here and call me those names if you dare," barked the enraged dog. "Come up here if you dare, you wall-eyed, lop-eared son-of-a-gun. I will talk to you just as I please," barked back the squirrel. Moral: There are a good many men as well as animals who are all-fired brave when they understand that they are in no danger.

There Will Be No Contest

I believe I was elected governor by a plurality of 3,000 or more. Accordingly I have felt in duty bound to stand by and defend the choice of the people. This I have done as long as there was a fair possibility of rectifying the blunder made by many of the election judges in rejecting the thousands of circle and cross-marked ballots cast in my favor, which the law expressly states are legal and should be counted.

In submitting this difficulty to the supreme court of Kansas I appealed for redress to the highest legal tribunal in the state. The court, under a technical construction of the law, was unable to find a remedy other than a recount several weeks in the future by the Democratic senate, a very doubtful expedient for an opposition candidate looking for justice, merely, instead of a dispute.

In the meantime Mr. Hodges will have been inducted into office. He will, of course, proceed with his appointments and much of the work of the legislature will have been accomplished before this partisan board in the senate can or will take up and conclude such a contest.

Even if the blunder of the election judges could be righted in a political body at that late hour, which is extremely doubtful, I can see no hope that as governor I should be able to carry out any definite program of legislation with a hostile political majority against me in both branches of the legislature.

On the other hand, Mr. Hodges, working with a legislature of his own political faith, will have an ideal opportunity to serve Kansas. I feel it is now for the best interest of the state that Mr. Hodges, and the party he represents, be given that opportunity, and that so far as may be in their labor for the public good, that political differences be forgotten.

Mr. Hodges has my best wishes for the next two years, and I shall be glad to assist in any way I can in making his administration one that will be helpful to the state.

I became a candidate for governor strong in the hope that through a progressive policy and a business-like administration I should be able to do something still further worth while for the state in which I was born and which has done much for me. I tried to the best of my ability to conduct a clean, clear-cut campaign free from mud-slinging and personalities.

The result—though I am deprived through technicalities of the honor I sought—is not without its compensations both to me personally and to the cause I represented. For my handsome majority in the primary and my unquestioned election by the people of Kansas during a time of political upheaval and with so many of the old evil influences still powerfully manifest, I am keenly and deeply appreciative. But more important than my personal feelings is this campaign's contributions to the cause of more efficient methods in the conduct of popular elections. The spectacle of the highest tribunal of the state with its hands hopelessly tied in a tangle of absurd technicalities, while the people of the state are thwarted in their expressed will, will not, I feel certain, fail to move Kansas to a much needed reform both of our election laws and of our court procedure.

If I have one wish for Kansas and its people more than another, it is that as time goes on they will give more attention instead of less to public matters and that they will judge men and measures more surely, quickly and truly. We need a live, active, efficient, progressive, patriotic and alert popular government throughout Kansas and in every other state, and the survival and quickening of that Kansas spirit which has ever set us free. I shall deem it the highest privilege of my life to continue to work, as best I may, to that end, and will encourage and support all measures in the interest of good government, no matter from what political party they come.

Arthur Capper

FARMERS AND FARMERS' WIVES.

I am in receipt of a letter from Fowler, Kan., from which I quote the following:

Editor Mail and Breeze—I wish you would break the news gently and as mildly as conditions will permit, to Mrs. Cora Wellhouse Bullard, that she has taken in too much territory. The job of cleaning up the farm house is a more or less scattering job out this far west. I don't believe that more than half the farmers' wives would even thank her after the job is completed.

If she wishes to clean up filth and corruption and thereby prevent epidemics of disease that often spread from towns and cities to country, helping to reduce the number of bread and meat producers, just let her get the little booklet on the "Housing Conditions of Kansas City" and read and study it, illustrated as it is by pen and picture, and then get busy nearer home. This book gives a description of conditions similar to all others. By the time she gets through with the job of cleaning up the cities she may be content to let the farmers' wives attend to their own business.

Allowing that we do need cleaning up, why is it the duty of the town people to do the job? Why is it that the town and city people want to force so many reforms on the country folks? How many farmers are there in the National Soil and Fertility league? How many of the officers of the Kansas Agricultural and Industrial congress are farmers? Why do all farm movements for bettering the condition of farmers have to be officered by town and city men? Why does the city man figure out in dollars and cents the loss to farmers of hauling to market over bad roads? Simply to have some excuse for raising more road tax. They furnish the chin music and the farmer digs up the dough.

Why is there so much blarney and dope of different mixtures and so many sugar-coated pills handed out to stuff down the farmer? Well, a fool can see a few inches beyond his nose in some cases. Later on it will be followed up with legislation creating new offices for educated people to fill with salaries. How is the salary raised? By taxation. After the farmers wake up from their hypnotic sleep they will find out that they are paying the bills.

They are simply trying to beat the farmer out of all jobs except the mental work of the farms and are trying to get him to double his yield, for what? To take less for it, of course, and to furnish a living cheaper for town and city folks. They will soon beat him out of the job of serving on the school board which he fills merely for the honor there is in it. They will soon be electing a town board of directors to boss the rural, rusty, backwoods hoodlums and that board will receive salaries.

They have decreed that the country church must go and next will follow the rural school. They are, in fact, placing religion on sale in the cities now. The lowly Nazarene came to change the plan of salvation to a free salvation through repentance, faith and obedience. Why the change? So that the poor could have the opportunity of salvation without money and without price. Did you ever think of it? Money won't buy it. But in the cities they have their fine churches, with their high steeples and still higher salaried preachers and hired, non-professing choirs and their pew rent system. Well, they have the poor beaten out of their interest, for they have it placed on sale at so much per seat. If you have the price you can go and take part in the worship by going to town after it. Later we will have to go to town for all of our education and in the meantime we are paying for it whether we ever get the benefit of it or not.

It is so often asked, Why do so many leave the farm and go to the town or city? I say that education is the leading factor for a highly educated man won't do the menial work on the farm as a poor man has to do. Now you just point out a highly educated man who owns and operates a farm at his own expense and does the drudgery and hard menial farm work six days out of the week and 52 weeks in the year and I will find a reason for his doing so.

It makes me tired to hear or read some of the dope that is made to order to hand out to the farmer and it makes me gag to look through the thin sugar coating and see the purgative contents of the pill. They are calculated to purge the farmer out of still more of his hard-earned cash.

I will give you my definition of an optimist and pessimist, also the business they follow. An optimist follows the business of making sugar-coated pills and stuffing them down farmers and often runs a two-faced, skin game. He is a man with an ax to grind, very often at the expense of the many. He boosts and inflates prices and doesn't mind expenses so long as the public pays the bills.

A pessimist is a man who sometimes complains of the injustices that are heaped on him. He is learning to think and figure out results that are "able to be obtained by the slicker tongued optimist who will often try to make you believe that black is white. He works and produces to help

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 reasonable and likely to help some of us who may need the information. Your letters are always welcome. Subscriptions to Farmers Mail and Breeze or other good publications for best letters received. Address Editor Farmers Mail and Breeze, Topeka, Kan.

Three threshing machines started in at work in this school district this week. Of course they will thresh all over the township but so many ought to make threshing a quick job. To be able to get the work done in dry weather is fine both for grain owners and machine men.

We do not intend to thresh any Kafir on this farm as we have room to store it all in the head. For most purposes we prefer to feed Kafir in the head and it keeps better when stored in this way. If it is to be sold it has to be headed and threshed, of course.

We saw it stated the other day that if Kafir was perfectly dry when put in the bin it would not heat, no matter how much was piled together. Experience leads us to doubt this. We have put Kafir in the bin when it was just as dry as it could be made in a dry Kansas fall and it heated the next spring. It seems to draw dampness in damp weather and then it heats. There is not much danger of heating if it can be got out of the way before next May but after that Kafir in the bin should be carefully watched.

Two more days will let us out on corn husking and then we shall have nothing left to do on this farm this fall but work. There is part of the Kafir yet to head, some manure to haul, sheds and lots to prepare for winter and a feed rack to build. We should also like to get some fodder stored around the lots for stormy weather and we want to "get up" a wood pile besides.

We are no longer going to fill a big rack with hay in the cattle yard and let them help themselves. Hay is worth too much to feed in this way. We intend to feed no prairie hay to the cattle this winter but have five stacks of clover and cowpea hay for them. We have fed little of this yet as we are saving it for real winter weather. When that comes we intend to give fodder night and morning and the hay at noon.

NEVER TIRES

Of the Food That Restored Her to Health.

"Something was making me ill and I didn't know the cause," writes a Colo. young lady: "For two years I was thin and sickly, suffering from indigestion and inflammatory rheumatism.

"I had tried different kinds of diet, and many of the remedies recommended, but got no better.

"Finally, Mother suggested that I try Grape-Nuts, and I began at once, eating it with a little cream or milk. A change for the better began at once.

"Today I am well and am gaining weight and strength all the time. I've gained 10 lbs. in the last five weeks and do not suffer any more indigestion, and the rheumatism is all gone.

"I know it is Grape-Nuts alone that I owe my restored health. I still eat the food twice a day and never tire of it." Name given by Postum Co., Battle Creek, Mich.

The flavour of Grape-Nuts is peculiar to itself. It is neutral, not too sweet and has an agreeable, healthful quality that never grows tiresome.

One of the sources of rheumatism is from overloading the system with acid material, the result of imperfect digestion and assimilation.

As soon as improper food is abandoned and Grape-Nuts is taken regularly, digestion is made strong, the organs do their work of building up good red blood cells and of carrying away the excess of disease-making material from the system.

The result is a certain and steady return to normal health and mental activity. "There's a reason." Read the little book, "The Road to Wellville," in pkgs.

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

So far we have been feeding all fodder on the ground for it is so dry none is wasted. But wet weather will come after awhile and then such methods of feeding do not pay. We intend to build a rack for feeding fodder, making it long and narrow so that it can be cleaned out easily. We shall make the most of it out of poles from the creek. All that is wanted is some place to put the fodder so the stock cannot tramp over it. Cattle seem to delight in walking all over their feed before eating it.

Some time ago the U. S. department of agriculture gave out the figures on grain that had been raised in Kansas this year. This state was credited with having raised more than 200 million bushels. At the time we expressed a belief that they had it too high. Now come the figures of the state board of agriculture and they credit Kansas with 150 million bushels. It is certain that Coburn's figures are the nearest right and we should not be surprised if they are exactly right. In Nebraska there was the same difference in the figures between the state and national board and there we think the state board was right.

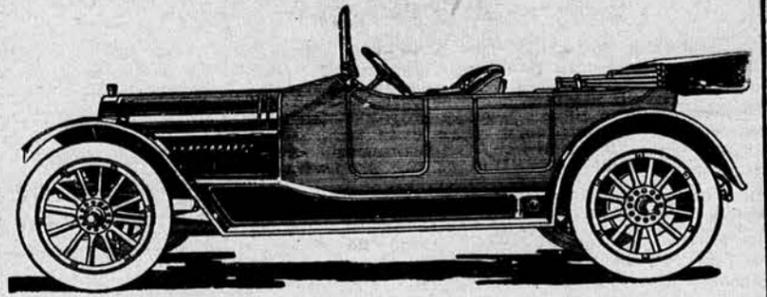
We have talked with no one who thinks that hog prices are going lower. In fact, nearly all think the price is at bed rock right now and that there will be a gradual rise in price as the winter progresses. That is not the view of the farmers alone for George Pratt, Armour's veteran hog buyer, who is now retired, has prophesied that hogs will reach \$10 by next summer. No one knows what livestock markets will do but it does seem that hogs will sell high for at least another eight months.

On the other hand many are looking for lower cattle prices for a time this winter. The number of cattle on feed is normal if not a little larger than common and many of them will come to market as short fed stuff during the next three months. It is this short fed stuff which will be marketed this winter that many expect to sell lower. They may sell lower and they may not; one man's guess is as good as another's when it comes to fixing the future prices either of cattle or hogs.

We have received a good many letters within the last month asking about prices, quality and crop production of land in various parts of Kansas. We are familiar only with our own section of the state. It is true we have traveled through a good part of the eastern section but that does not qualify us to pass judgment on the land. It takes a residence of at least a year in any neighborhood before one can tell to a certainty what it is like for farming. It is also hard to tell whether or not anyone will be satisfied with a locality, no matter how good it may appear to others. No matter how good a country may be you always find someone moving away from it.

We have now reached, in husking, the last planted field on this farm. It is the best we have raised this year by 10 bushels per acre and this is due to the fact that it was planted at just the right time to hit the scattered summer rains. We planted it first early but a 5 1/2 inch rain the next day after planting destroyed any hopes we had of getting a stand. After the land dried we split the lister ridges open and planted again. This left the land in the best of shape and this probably helped a great deal toward making the corn stand the dry weather. It was May 28 when this field was planted the last time and when we had our good rain in August the tassels were just nicely coming out. But just because late planting did better this year and two years ago we shall not keep on planting late. One year with another we think that from April 20 to May 10 is the best time to plant corn in this latitude.

Mitchell



The new 1913 Mitchell is beyond all question the best automobile for you to buy!

YOU know pretty well what you want, and we have learned by 78 years' experience that you want the best vehicles that money will buy, without wasting a dollar of the money. That's a Mitchell car for you.

The 1913 Mitchell is the wonder of the year; a marvelous combination of the handsomely finished city cars, the swift and powerful cars for tourists, and as easy to manage as the simplest electric. (Prices \$1500, \$1850, \$2500—worth double!)

Electric lights and electric self-starter!

These are great advantages, the electric lights are tremendously powerful; show up every bad spot in the road for five hundred feet ahead. Battery kept charged by generator. The electric self-starter saves all the labor and annoyance of cranking the engine, and adds greatly to your comfort and safety, keeps you out of the cold, wet, and mud, and makes it possible for the women and boys to start the motor and drive the car.

All Mitchells, like most of the very high-priced cars for 1913, have the new long stroke, T-head motor; the newest thing for increased power and high efficiency.

Powerful—all the horse-power claimed for them. Simple—you and your boys will easily understand the entire "works" very quickly. Economical—they don't cost much to run. Handsome—nothing has been spared that would add to their appearance.

There's nothing too good to be used in the Mitchell; it has all the new improvements, everyone of them. Also the same high-grade workmanship and material that have gone into Mitchell vehicles throughout the past 78 years.

You won't find any other medium-priced car that offers anything like the advantages of the Mitchell—a \$1,500 car in the \$5,000 class. You can't beat it at any price. You can't equal it at anything like the price.

All with T-head motor and 36-inch wheels

	Wheel Base.	Stroke	Price F. O. B. Racine
7 passenger Six 60 H.P.	144 in.	4 1/4 x 7 in.	\$2,500
2 or 5 passenger Six 50 H.P.	132 in.	3 3/4 x 6 in.	1,850
2 or 5 passenger Four 40 H.P.	120 in.	4 1/4 x 7 in.	1,500

DEALERS EVERYWHERE

Mitchell-Lewis Motor Company

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Capper Denied His Rights

Judge West and Chief Justice Johnston Declare the Ballots Should Have Been Counted

In a dissenting opinion handed down last Saturday, Justice J. S. West of the Kansas supreme court, Chief Justice W. A. Johnston concurring, declared that the people of Kansas and Arthur Capper, Republican candidate for governor, were denied their rights when the majority members of the supreme court refused to compel a count of the 3,000 legal ballots rejected by blundering election judges, thereby seating the minority candidate for governor and defeating the expressed will of the people as made known by their ballots at the recent election.

To quote the language of the opinion: Few rights are more sacred than the right to have an honest ballot properly counted. It is setting the hands of the clock backward to hold that such right cannot be protected in this case."

The legality of the rejected ballots was not disputed or questioned by any member of the supreme court, but the court held that the election boards could not be compelled to convene and count ballots for a state office which they had rejected and returned as void, even if they had done so erroneously; that the county canvassing board had passed out its existence and could not be revived for the purposes set forth.

In his dissenting opinion Justice J. S. West said he was authorized to say that Chief Justice W. A. Johnston concurred in the dissent.

The dissenting opinion declares that the canvass as to state officers, beginning with the precinct and ending with

the state board, had not been completed. The initial count being wrong, the error remained during the continuation of the work by the other boards whose action was required to complete the canvass and authorize a certificate. These boards were all in court and a duty was still unperformed. It was brought to their notice that a number of legal ballots had been rejected, the location and identification of which were beyond question or dispute. Concerning these ballots the election board had no judgment to exercise. The statute had made their ministerial duty absolutely plain. The provision concerning the preservation of the envelope containing them was not intended to and does not preclude a court of competent jurisdiction from compelling officers to follow the statute.

"It is provided that failure to comply with the provisions of the law in noticing and conducting an election shall not preclude the one actually receiving the highest number of votes from receiving the certificate, 'so that the real will of the people may not be defeated by any informality of any officer.' (Gen. Stat. 1909, No. 3138.) Neither should it be defeated by the failure of an officer to count the ballots as the law directs.

"Few rights are more sacred than the one to have an honest ballot properly counted. It is setting the hands of the clock backward to hold that such right cannot be protected in this case.

"I am authorized to state that the chief justice concurs in this dissent."

School Fund Farm Loans

A Practical Way to Secure Better Farm Credit

BY J. H. MILLER

Dean of Extension Department Kansas Agricultural College

The one thing which is to have the greatest effect on the progress and prosperity of Kansas from the present time forward will be a system of credit that will insure cheap long time farm loans for the best security in the world—land. Foreign governments have long recognized the benefits and necessity of such a system and the idea is attracting more attention in the United States at the present time than any other state policy. Dean Miller's proposal to lend the state school fund on farm mortgages, if carried out, would undoubtedly lead to evolving a farm credit system for Kansas, besides affording farm borrowers some immediate relief.—Editor's Note.

Today in Kansas we have a school fund of more than 9 million dollars invested in school district and municipal bonds, bringing in an interest income of less than 6 per cent. Every dollar of that money should, in my judgment, be loaned on farm mortgages at 5 per cent less on long terms, 8 to 12 years. That would only be a small part of the money needed but it would help and it would help fix rates and duration of loans.

I want to make it easy for the energetic renter to buy a farm and pay for it; for the young man just leaving home to start a home of his own to buy a small farm and to make the farm pay for itself. I would urge a loan to three-fourths the value of the land when the applicant can produce what Germany and Denmark value so highly, good personal character credit." He should be a man of good character, be a good farmer, economical and have good habits.

I would not recommend that any of this money be loaned for any other purpose than for paying for land, and would not lend a dollar to a man who already owns 160 acres of land. In Denmark 89 of every 100 farmers own their farms. That is what I want for Kansas.

Why Kansas Is Losing Its Best. There was little need of farm credit when land was free or to be had for a small sum. Today there is no more "West" with other states Kansas has lost any desirable and also some undesirable people. Thousands of the finest people of Oklahoma, Texas, Colorado, Montana, and Western Canada "hail from Kansas." For 20 years our population has remained about the same. We talk about our wonderful state, and

about how we should advertise for settlers, and calmly let thousands of our own splendid people leave the state. In 10 years our army of tenant farmers has increased nearly 6,000. All over the state the loss of the eldest sons is almost as terrible as once in Old Egypt. In my meetings with old friends at farmers' institutes and my inquiry about the boy who a few years ago was winning prizes in the corn contest I am met by the answer, "Why, he has taken a claim down in Texas;" or it may be Colorado, Montana or Canada. This is an awful loss. We should keep these capable Kansas boys here and right in their communities where they have learned to farm and where they know soil conditions. Pride keeps them from renting, and our system of farm loans keeps them from buying small farms.

Why Young Men Can't Buy Farms.

The present short time loan system with the small amount loaned on a farm prevents thousands of fine young men from buying farms. The 3- or 5-year loan system can never be a safe system for the farmer who wants to buy a farm from the farms' production. The chances are too great against success. It does not allow for "lean years" for sickness of family nor livestock nor low prices for produce or stock. With state money there will be no occasion for short loans,

(Continued on Page 31.)



Endless Apron Chain Drive

Strong—Simple—Light Draft

Just look at the lines of this Low Down Spreader. See where the wheels are located—right under the load—just where wheels should be.

The greatest weight comes on the rear wheels—giving perfect traction power without the extra heavy mud lugs that others require.

The Box is as long as any spreader built, yet the distance between the wheels is from 25 to 50 per cent less than other low down spreaders.

Think how much easier to handle in the barnyard and in the field—and it takes just one less horse to run it than the long unwieldy ones. Not a freakish feature about it—no, not one—we have never known a freakish implement to give satisfaction.

Another point—the Flying Dutchman is lower behind than in front—the apron and load travel "down hill"—another light draft feature. The endless apron has 18 inches clearance between the lowest point and the ground—6 inches more than some others—some difference.

Steel Frame—Steel Wheels—Steel Beater

Apron runs on three sets of hardened steel rollers—absolutely no sagging. No other spreader so simple in construction—one lever operates entire machine. No other spreader so well built and strong—no other spreader so generally satisfactory to the user—"The Lightest Draft Low Down Spreader Ever Built."

We also build the Moline Spreader which is of the same construction but has a Return Apron.

Our Handsome Spreader Booklet Free.

Also 1913 Flying Dutchman Almanac.

Write today

MOLINE PLOW CO.

Dept. 15

MOLINE, ILL.

Quality Pianos

At the Lowest Prices in the United States

It is never necessary to make an apology to your friends about the quality of the piano you buy at Jenkins, nor have a feeling that you paid more for your Piano than your neighbor, who purchased the same make. Our ONE PRICE, NO COMMISSION PLAN does not mean "get all we can"—it does mean "Give all we can." It means the greatest economy and greatest satisfaction in piano buying. It means that nowhere in the world could you buy more piano quality for less money; it means freedom from all puzzle schemes and trick piano selling, devised to induce you to pay a higher price for a piano than it is worth. Our fall stock of pianos is now coming in. Note the values listed below.



"The Plot is under no obligations to the Jenkins Music House, of Kansas City, to write this, but recent dealings with them constrains us to say for the benefit of our friends that we never knew a method of selling more open and honest than theirs, and, did we know about what price and style piano we wished to buy we would about as like send our twelve-year-old daughter to purchase it as to employ an expert. Their prices are plainly marked on every one of their hundreds of instruments and are the same to cash buyer or the one who wishes to make monthly payments."

- \$155 For a Brand New \$275 BARCLAY. \$5 monthly.
- \$125 For a Brand New \$175 BARMORE.
- \$175 For a Brand New \$300 BARCLAY. \$5 monthly.
- \$200 For a Brand New \$300 WOODWARD.

Write Today J. W. Jenkins Sons Music Co., Kansas City, Mo.

WONDERFUL!

Greatest Sewing Machine Offer!



We want to tell you about our offer which makes it possible for every woman reader of our paper to secure one of these magnificent \$40 "Gold Medal" Sewing Machines without cost—and without any canvassing or soliciting or public work of any kind. It is the most liberal, most attractive, most astonishing offer ever made. This beautiful Sewing Machine may be yours almost for nothing. Of course we expect something from you in return for the machine—but we do not ask you to go out and "peddle" anything, nor do any sort of disagreeable work in order to get best offer ever made!

Will You Send 10 Names of Friends to Get This "Gold Medal" Sewing Machine FREE

Don't send the names until you get the free instructions about our Club Plan. We have placed more than a thousand Gold Medal machines in the homes of our readers on our easy-payment, no-money-down Club Plan. In order to increase the membership of our club to 2,000 immediately we are making a special proposition to first members in certain localities which makes it possible to secure a Gold Medal Sewing Machine absolutely free. The Gold Medal is constructed throughout of best grade materials and is fully warranted for 10 years. The Gold Medal is worth \$40, but we sell it for just about half this price on payments amounting to only a few cents each week—and on our new Club Plan first members have a chance to secure the Gold Medal Sewing Machine absolutely free. Send your name and address today for large illustration and complete description of the machine and our liberal first member Club plan. Address

MAIL AND BREEZE SEWING MACHINE CLUB, 801 Jackson St. Topeka, Kan.

Ways=Means=Results

Worked Out by Mail and Breeze Readers

How Do You Keep Smoked Meat?

Mr. Editor—I have read a number of letters and suggestions in Farmers Mail and Breeze on curing and smoking meat but my trouble is that the meat gets mouldy after being smoked and hung up in a dry place and this damages it to some extent. Maybe some of your readers could offer some suggestions along this line which could be printed for the benefit of all.

W. B.

R. 1, Baxter Springs, Kan.

Feed Rack For Hay or Straw

Mr. Editor—A good and inexpensive rack in which to feed straw and hay may be built of fence boards and posts. Make the rack 7 feet wide and as long as desired. On each side build a manger 2 feet wide and 2 feet high. Board up the sides of the rack, beginning at the level of the manger. Also board up the ends. It is a good plan to put a railing 18 inches above the manger on either side to keep the younger cattle from being pushed in by the stronger animals.

C. E. Embry.

Ottawa, Kan.

Choosing of a Farm Home

Mr. Editor—One of the greatest events of a man's life and of no little concern to his descendants is the buying of a home. It should be in a quiet, peaceful and thrifty neighborhood. Few people can expect to acquire extensive holdings of real estate. Ten acres paid for may be better than 40 acres mortgaged. The possession of a small home will give more satisfaction than several times its value in personal property. We should not build beyond our means but gradually improve as circumstances permit, like a tree, adding to its branches as the years roll by. Avoid making debts. If we cannot pay as we go today, how can we tomorrow, with tomorrow's debt added? And again it might be better to pay a hundred dollars interest than a hundred dollars' rent.

Edward Lind.

Cedar, Kan.

Where Crows Are a Nuisance

Mr. Editor—Every fall the crows come here by the thousands and what they do to the farmer's corn and Kafir is plenty. I can't see why farmers do not take more interest in swatting this grain-devouring, disease-spreading pest. One good way to kill crows is to hang a dead one up a tree, within gunshot of a building or other cover. The dead crow will attract others and these may be shot from an open door or window.

If there is a large crows' roost in your neighborhood, get together a crowd of men with guns, on a moonlight night. Cover all woods and orchards for some distance around and post a man every 100 yards or so, each one to stay quietly in his place and watch the trees overhead. There will be lots of fun. After the first volley, the remaining crows will fly away but will soon be back and alight again. Stay till midnight and repeat this a night or two and not many crows will escape.

John Voss.

Route 1, Carbondale, Kan.

Big Profits From Sweet Clover

Mr. Editor—I read the recent article in the "Jayhawker Farm Doings" column about Sweet clover. I have been very successful in raising it. I fed this product to stock for several years and two years ago began sowing Sweet clover. I hauled the manure away from my feed racks, with more or less seed in it, and spread it over an 80-acre tract on the river here. I sowed seed along with it also. This year besides raising a hay crop, I threshed 900 bushels of seed off this ground and am cleaning and selling it about as fast as I can re-clean it with a handmill for \$10 per bushel for re-cleaned and \$8 for seed with hulls on.

A good many prefer to sow the seed with hulls as it seems to be bigger and stronger seed and the hulls, they think aid the germination and nourishment of the plant.

I have had the best luck by not plowing the ground, but sowing on prairie bottom along the Arkansas river and doing nothing more with it. Plowed land I run over with a light drag. I sold the straw off this field last week for \$1,250 to Judge James Cowgill, state treasurer of Missouri, who owns a large ranch out here in Finney county and has more than 3,000 cattle on feed.

I find Sweet clover makes an earlier pasture than alfalfa, and will stand the dry and freezing weather better and will not bloat cattle. It produces more hay than alfalfa and where sown on grass improves the stand of the grass. If one wanted to quit raising the clover he can easily get rid of it by not allowing it to go to seed, but cutting for hay. Then in two years it would be killed out and his land be much richer than when he commenced. The plant which goes to seed is dead and the roots will decay in three months. This leaves the ground so porous that when rain comes it will drink it up and preserve for use for whatever crop one might have in. Recently I sowed 100 acres on similar prairie bottom, sowing

growth for a long time, making it hard to cultivate. When ripe it must be cut and shocked, then headed and threshed, and shocked again, all of which is expensive. There is also trouble in storing the seed as it will heat in the bin. In short, a medium crop of corn would suit me better than the biggest crop of Kafir ever raised.

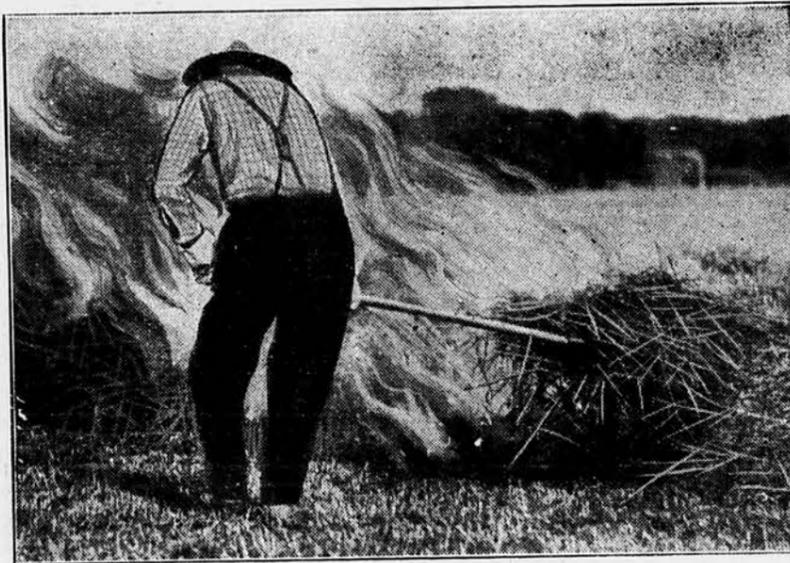
William Kurtenbach.

"Valley Fruit and Stock Farm", R. 1, Herington, Kan.

Defenses Against Chinch Bugs

Mr. Editor—Should next season be a dry one we may expect considerable damage from chinch bugs. We should exterminate as many of them as possible while they are in winter quarters. This may now be done by burning all the old rubbish around the field, the fence rows, and the leaves in the woods. Even where there is much growth on the meadows burn them over. I would not advise burning over meadows under ordinary conditions but we are confronted with an enemy that we must meet with drastic measures. If by burning we can destroy the myriads of bugs that are now located in the aftergrowth in the meadows the loss in hay will be more than balanced up by the saving in the corn, wheat and oats crop.

I note it has been suggested that a strip of cowpeas between the corn and wheat or oats will hold the bugs in check as the bugs will not "eat" the peas. Do not depend on that for it will be of no avail. The bugs will march right through the pea strip. It



Snapshot of a Missouri reader "getting after" chinch bugs. Ninety five per cent of the bugs now in winter quarters may be destroyed by burning trash in fence rows, burning old stack butts, the tall grass, bunch grass and weeds. Every female chinch bug that "winters over" will raise a family of 400 to 500 next season.

right on the grass. I sowed part with re-cleaned seed and part with seed with hulls on.

Farmer's Bulletin No. 485 of the U. S. department of agriculture gives a pretty good idea of the use of Sweet clover. I believe from my experience that it is as good as alfalfa and in some respects much better. Considering the easiness of raising it, it may sooner or later take the place of alfalfa.

E. G. Finnup.

Garden City, Kan.

Kafir a Poor Second to Corn

Mr. Editor—As a feed, I prefer to grow corn rather than Kafir. We plant the corn very thick but every stalk will have a small ear. It is then cut, shocked, and fed, corn and all. Handling it this way it will make as much feed and is better than Kafir. It is also more easily raised, handled with less labor, and is not nearly so hard on land as Kafir. When you let Kafir mature, it is difficult to raise a good crop on the land the next season. It seems that Kafir saps the ground so late in the season that there is not enough moisture left to start a crop the next spring. To raise Kafir and let the crop ripen for seed, the fodder will be worth little for feed. It is also harder to raise Kafir than corn. First it is difficult to get a good stand and then it is slow of

will not hold them back 48 hours after they take up their line of march for that corn field.

Back in 1873-4-5 we were overrun with the pest and I worked out a plan that was successful in holding them out of the corn. I sowed millet between my corn and wheat, the millet was up about knee high and rank and green, when the bugs struck it. They turned their attention to sucking the millet and fed on it until they swarmed and scattered, lighting over the corn and raising another swarm. But by this time the corn had reached the stage that they couldn't hurt it very much.

The bugs will kill most of the millet but would it not be better to lose 2 or 3 acres of millet than 40 acres of corn? It is possible that if there is a strip of 5 or 6 rods width the bugs will not eat all the way through before they fly. Do not sow the millet too early. The first real warm days in May the bugs come out of their winter quarters and "swarm", lighting on such green vegetation as they can find that suits their tastes, such as rye, wheat or oats and corn if they can find any large enough to suck at. At wheat and oat harvest there are millions of the young all the way from the little red ones, just hatched, to the mature bug with its silver wings, all ready to move when the harvest

is begun. They always seem to know which way the cornfield is.

The millet should not be sown early enough to be up for them to lodge in on their first flight from winter quarters, but should be high enough for them to feed on in their march from the wheat, or oats, stubble or corn. Sow about the time the bugs first fly.

As the chinch bug is a "sap-sucker" there is no poison that could be profitably put on the plant. The bug can stick its sucker through the coat of poison and suck the sap just the same.

George W. Williams.

Humansville, Mo.

Preparing For Tree Planting

Mr. Editor—If you want to do something to beautify your place, try planting a few timber groves about it. Land for tree planting should be worked up well and just before winter sets in, take the lister and draw furrows east and west, if your plot is good and level. This will catch the snow and will keep the soil from drifting.

If you have a running stream through your land and the land alongside it is subject to overflow, put this land in grass and timber and never try to cultivate it. Every time the river submerges the area covered with timber and grass it will leave you a cover of silt, thus making your soil richer as well as raising it above its former level. If such land is under cultivation the overflow will take some of your land with it instead of leaving a rich deposit. The same rule applies to land that is too sloping, and subject to erosion. Such land should also be in grass and timber.

If the growing of timber and grass along streams were more generally practiced and diking abandoned, more of our larger rivers would be navigable and useful for transportation purposes, instead of being overloaded with silt for which the Gulf of Mexico seems to be the only resting place allowed by this great nation. Government appropriations for more diking and doctoring will only give us temporary relief and our large rivers will keep on destroying life and property.

Conrad Krueger.

"Warnow Ranch," Pfeifer, Kan.

Doubling the Yield of Manure

Mr. Editor—It is becoming more apparent we must do something to maintain the fertility of our farms. How long could a bank run if all were borrowers and none depositors? Some of our farms, I fear, will soon be bankrupt unless the policy of continuous borrowing without deposits is stopped.

Our soil needs more humus and it must get it either through pasturing, plowing under green crops, or manuring. My own method is to stack my grain near enough to be able to blow the straw into the feed lot. At threshing time we cover the lot with a foot or more of straw. We feed fodder and hay through the winter and about once every two weeks we bed down the lots with more straw. After the cattle have been turned on grass in the spring the manure in the lot is thrown up into ridges left rather flat on top. This method hastens decomposition and after harvest it can be handled with a shovel. The barnyard manure is taken to the fields as it accumulates.

By this method of making manure we are able to cover 20 acres every year and with the aid of a spreader the work is done much better and more easily all around. The first season we used a spreader we covered 7 acres, using 6 loads per acre. The following season was a poor wheat year, 6 bushels per acre being about the average yield. But the plot that got the manure made 20 bushels of 62-pound wheat. This wheat sold for \$1.20 and the net profit on this plot over the rest of the field was enough to pay for the spreader. Besides, the increased fertility was noticeable in the following crop. I am convinced that no work on the farm will give greater returns in dollars and cents than the proper handling of this valuable by-product of the farm.

R. T. Kirkpatrick.

Girard, Kan.

3 BARGAINS

Settle Your Doubts Right Now of Whom To Buy That Farm Engine, Cream Separator, Manure Spreader. Get My Low Prices. Your Dollar Will Go Twice As Far With Me As Elsewhere. My Free Books Prove It.



GALLOWAY'S 1913 MODEL FARM ENGINE

The Best Engine Ever Made For Farm Use Is Bargain No. 1

Here is the time that you positively must take advantage of my low price offer and get a Galloway New 1913 Model Farm Engine going on your farm. There's no use putting it off any longer. I've got the engine that will do just what you want it to do—at all times, winter and summer—and you can buy it for \$50 to \$300 less than others charge you for an old model.

Here's What You Get When You Buy a Galloway

A farm engine that's so simple in construction, you don't have to be a mechanic to understand it;
So economical, it costs but a few pennies for gasoline to do a big job;
So reliable, it won't go wrong;

So efficient, a touch starts it going;
So durable, I give you a guarantee of perfect satisfaction; and what's more—I'll send you the engine on 30 to 90 days' FREE trial, give you a 5-year guarantee that the engine lives up to all my claims, let you pay for it on installments or any way that you choose.

You can't go wrong on a deal like this. My FREE trial offer protects you. If you don't want the engine after the trial, send it back. I won't charge you a cent for the use you have had of it, and I'll pay all freight charges.

Free Book Reveals The Secret

of my exceptionally low prices and why I can undersell everybody on engine of equal quality. It also explains what a good engine should be and how much to pay for it. Write for my special 1913 proposition and prices, now, before you forget it—and learn what a real bargain you can get dealing with me. Address, WM. GALLOWAY, Pres.

The Wm. Galloway Co., 208CK Galloway Sta., Waterloo, Ia.

The Wonder of 1913

Galloway's Spreader

(Bargain No. 3)

If there's a farmer friend of mine anywhere that's running his place without a spreader of his own, I want to tell him some good news.

You need a spreader badly, you need it for the sake of your soil, the sake of your crops, for the sake of your profits—and there's absolutely no reason why you should go without one another season—when

Galloway's Bath-In-Oil Separator

(Bargain No. 2)

Mr. Dairyman and Farmers, here's where you and Galloway come together on the greatest separator proposition ever put before the American people.

You've been thinking about buying a new separator for a long time—now's your chance—for

Here You Save \$20 to \$45

and get a 1913 Model Bath-In-Oil Separator—the easiest to clean, easiest to run, greatest result-producing separator on the market.

My New 1913 Separator looks 10 years ahead of the rest in improvements. It's the only one with swinging supply tank of heavy metal, round corners; all gears enclosed; self-oiling; perfect skimmer under all conditions; all parts standard, interchangeable; and better in its mechanical construction than separators costing at least 50% more.

Don't buy any separator from anyone, until you try my 1913 model. It comes to you on 90 days' free trial. After the trial, if you don't think my separator better than any other, send it right back and I won't charge you a cent for the use you have had of it.

A Separator Book Worth Having

sent free upon request. It tells what size to buy for your needs, explains working parts, how to get the most out of a separator, other valuable information—also my low price, 90-day-trial, introductory offer, TEN year guarantee, etc.

This picture shows exactly how handy a Galloway separator is with respect to the height of supply tank and crank handle. The milk tank is only waist high—just 39 in. from floor, and the center of crank shaft is 35 in. from the floor, which makes it the most convenient height to apply the power.

WM. GALLOWAY, Pres.
THE WILLIAM GALLOWAY COMPANY
208CK Galloway Station, Waterloo, Iowa



Here You Save \$50 to \$300 Easily And Get the Worlds Best Farm Engine

Get a Galloway Farm Engine and Make Farm Work Easy

A Galloway Running 26-in. Saw



D. GRABBE, Hampton, Ia., says his 5 h. p. Galloway is the best bargain he ever made and has more power than any 6 h. p. engine. He runs a No. 3 Model Grinder with it and grinds 30 bu. corn per hour, also runs 2-hole corn sheller and 26-in. saw.

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and get the spreader that's making good on thousands upon thousands of farms in the U. S. and Canada. Nowhere else can you get a spreader with Mandt's New Gear, a spreader so mechanically perfect, staunchly constructed, with special patented features, light draft, general appearance and finish as the Galloway. Besides

My 1913 Models

with more liberal measurements, greater capacities, come to you on a 30 to 90 day free trial, 5-year guarantee of satisfaction or money back. I'll take your note if you like or let you pay for it on some other plan in order to let you get this best of all manure spreaders.

The Greatest Book of All—"A Streak of Gold" which contains articles on farm management, will be sent you free upon postal request. Write now and I'll also send you my low price offer on 1913 models. Address

Wm. Galloway, Pres.,
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Galloway's Manure Spreader—the great crop maker—at work on farm of CHAS. O. ANDERSON, Minden, Neb.

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Ask for 1913 Bargain Sheet.

REMEMBER—We carry stocks of our machines at Chicago, Kansas City, Council Bluffs and Minneapolis, insuring prompt shipment.

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

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

Pasturing Stalks Safely.

What is your opinion on turning cattle out on stalk fields? Some people let them out regularly and others say turning them out every other day is best.—H. F. B., Ramona, Kan.

Cattle are sometimes lost when grazed extensively on corn stalks. When turning stock into a fresh field they should not go into the stalks extremely hungry. If there is a considerable amount of corn left in the stalks it will be well to leave them in only a short time for a few days. Be sure that they have water and salt available at all times. In my judgment it is better to put them in a short time each day than to turn them in on alternate days. G. C. Wheeler.

Are Beets Safe Cow Feed?

A local paper published an item stating the feeding of mangels and sugar beets to cows is dangerous. What is your opinion? I have always believed all the members of the beet family to be good feed and that they made cows give richer milk.—J. F., Olathe, Kan.

So far as I know no experimental work has been reported showing the feeding of mangels and sugar beets to cows is dangerous. Where frozen beets have been fed to cows bad results have been known to follow, and I am inclined to think the item clipped from the local paper refers to some statements made along that line. Root crops of all kinds have been used extensively as cow feed. The English and Canadian farmers rely largely upon roots in the feeding of cattle and sheep. In this country silage can be more cheaply produced on the average farm and the results are very similar. Actual tests have shown that feeds have little effect on the per cent of butter fat. This is an individual characteristic of the cow. Certain methods of feeding may effect the color of butter fat so that the ordinary observer might assume it was richer but

tests have failed to discover any increase in the richness in the milk, due to feeding silage, roots, or any other kind of feed. G. C. Wheeler.

Feeding Heifers for June Market.

We have 94 head of 600-pound heifers we want to get ready for the block in about 200 days. We have 250 tons of mlo and Kafir silage rich in grain, about 1,500 bushels of corn and Kafir in the shock, and a small amount of alfalfa hay. How may we balance a ration from this? Corn is worth 50 cents, Kafir 45, alfalfa \$10, and cottonseed meal \$28 per ton. We are now running the Kafir bundles into the silage cutter far enough to take all the heads. Later the remainder of the bundles is cut by a second operation. The heads are run through the mill and ground before feeding. Is the cutting up of the Kafir and corn at over worth the extra trouble?—We are feeding in the barn.—W. E., Derby, Kan.

Since you have considerable corn and Kafir in the shock it will probably be desirable to use this up as early as possible. Your method of handling this Kafir is good and should give splendid results. Running the fodder part through the cutter probably adds little to its feeding value, but does not add much to the cost since you are already running the machinery to chop up the heads. The refuse will be enough easier to handle to pay for the extra labor. I should begin feeding some silage at once, I think you can make an allowance to the bunch of about 1,000 pounds of silage a day for the first 100 days.

The allowance of corn and Kafir grain should reach about 10 pounds per head daily during this period, and you will find it profitable to add to the whole ration 100 pounds of cottonseed meal a day, beginning, of course, with a much smaller amount and gradually working up to the full amount. If you have sufficient alfalfa, I believe you will find it well to feed, perhaps, 400 to 500 pounds daily to the lot. When your Kafir and corn stover is exhausted you will find it desirable to feed a larger amount of silage. At the prices quoted for corn and Kafir it matters little which you buy. Since the early part of the feeding will contain both of these grains it will perhaps be better to continue the same grain ration, grinding the Kafir, heads and all as before. It is not necessary to feed the silage oftener than once a day, and as a rule it will work out more conveniently to feed it in the afternoon or evening. G. C. Wheeler.

Musk Melons for Pork and Milk.

H. L. Kent of the college extension department at Manhattan, while on a trip in eastern Colorado, found a farm on which musk melons were fed to stock with excellent results. The hogs on the melon diet showed smooth hair and a good skin, indicating the feed was suitable. They are to be fattened later in the winter. The melons were also fed to milk cows with good results. The melons are a variety of cantaloupe grown late for this particular purpose.

Some Points In Beef Breeding.

[Prize Letter.]

Mr. Editor—At present prices of these products no one can afford to use anything but a purebred male, whether breeding for beef or the dairy. Of course a pedigree is desirable but the right kind of individual is a necessity. If breeding for beef, the first important step is to select the breed, then get as good a bunch of cows of this breed as your capital will permit. Of more importance still is the selection of the other half of the herd—the male. Do not crossbreed but stay with the breed with which you started out.

We like to have as many calves come in March and the first half of April as is possible. A March calf is ready to eat grass in May and can be weaned early in the fall. It will winter much better than a younger calf and the cow will have a chance to recuperate before winter. All our calves that come before the cows are turned out to pasture, are dehorned with caustic potash when a few days old. It is easy to rub a little of the potash on the little horn buttons, being careful not to get it into the eyes. If the cows do not lick it off during the next few minutes the job will be complete.

The calves should be fed liberally through the first winter. If stunted at this time they will never quite recover from it. Liberal feeding at all ages is profitable. Marion, Kan. J. F. Whaley.

Oil cake, silage, and roots in the cow feed make the cream churn more easily.



Keep Brood Sows Well Conditioned With Merry War POWDERED Lye

E. Myers, President, Merry War Lye Company

Every hog raiser knows the importance of giving special care and attention to the health of his brood sows; for these animals are the pork producing plant of his farm. He knows he cannot expect strong, healthy litters from stinky, scrawny, poorly nourished brood sows. By feeding a small quantity of Merry War POWDERED Lye with the rations, the bowels are kept in normal condition, the blood at an even temperature, and at farrowing time fever will be allayed. The chances for a fine litter of healthy pigs will be greatly increased.

From weaning until marketing hogs should be kept on a Merry War POWDERED Lye diet—just a small quantity mixed with the feed. It protects hogs against cholera, destroys hog worms, keeps the hogs keen in appetite, adds weight—in short—increases pork profits. Don't experiment with ordinary lye. It might prove dangerous. Merry War POWDERED Lye is specially prepared and is a safe hog remedy and conditioner. The experiences of thousands of hog raisers prove my claims about Merry War POWDERED Lye. Here is a fair sample:

It Saved The Life of This Brood Sow

"I want you to know what Merry War Powdered Lye did for a valuable red Duroc Jersey sow of mine. When our sow took sick we did not know what was the matter with her. She looked just like the picture of the skinny hog in your ad., so we used a can of Merry War Powdered Lye and she was able to stand up in three days. When we began using Merry War Powdered Lye we expected to find her dead at any moment. She is now in good condition and I expect her to farrow at least 10 pigs the first of August."

MRS. A. P. SORENSON, Otter Pond, Ky.

Prove this for yourself. Merry War POWDERED Lye is for sale at most dealers, 10c per can (120 feeds). It is convenient to buy in case lots—4 doz. cans, \$4.80. Costs only 5c per hog, per month to feed regularly—by far the best and much the cheapest hog insurance you can buy. If your dealers can't supply you, write me, stating their names; we will see that you are supplied, also send you, free, a valuable booklet, "How To Get The Biggest Profits From Hog Raising." Order direct from us in case lots (4 dozen cans \$4.80) if your dealers won't supply you.

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



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ALL THE NEW SONGS AND MUSIC 10c

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- Any Rags
- Teasing
- Blue Bell
- Title Tattle Tale
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- When I Marry You
- I Wish I Had a Girl
- In the Sweet Bye-and-Bye
- Shine on Harvest Moon
- Can't You See I'm Lonely
- If I Only Had the Nerve
- Would You Care
- You're a Grand Old Flag
- Always in the Way
- Pride of the Prairie
- In Dear Old Fairy Land
- Down on the Farm
- Why Don't You Try
- Honey Suckle Time
- Blue Bell
- He's a Cousin of Mine
- Yankee Doodle Boy
- Not Because Your Hair is Curly
- Give My Regards to Broadway
- My Wife's Gone to the Country
- Waltz Me Around Again Willie
- Roses Bring Dreams of You
- Take Me Out to the Ball Game
- O'Brien Has No Place to Go
- Good Bye My Lady Love
- By the Light of the Silvery Moon
- Put On Your Old Grey Bonnet
- Next to Your Mother Who Do You
- That's How I Love You
- I've Got Rings on My Fingers
- How Do You Do Miss Josephine
- I Wonder Who's Kissing Her Now
- Just Because I Loved You So
- I'm Tying the Leaves So They Won't Come Down
- I'd Rather Two-Step Than Waltz, Ha!
- I Don't Know Where I Am Going But I'm On My Way
- Come Along, Little Girl, Come Along
- Call Me Up Some Raisy Afternoon
- Any Little Girl That's a Nice Little Girl is the Right Little Girl for Me
- Will You Love Me in December as You Do in May
- Longest Way Round is the Sweetest
- Just a Glimp of Heaven in Her Eyes
- Wait Till the Sun Shines Nellie
- Has Anybody Here Seen Kelly
- Won't You Come Over to My House
- Just Because I Loved You So

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 One application of my Processed Crude Oil will do more to rid your stock of lice and cure them of mange than three applications of any other preparation on the market, for the reason that it kills the nits as well as the lice, and remains on your stock for so long that it is thoroughly cures them of mange. Put up only in 32 gallon barrels, and sold for \$5.00 per barrel. Why pay \$1.00 per gallon for a dip when you can get the best for less than 10c per gallon! My PURE CRUDE OIL is an excellent lubricant for all kinds of farm machinery and for painting farm tools to keep rust off. \$3.50 per barrel of fifty-two gallons. See my advertisement of refined oils at wholesale prices in next week's issue. Send cash with order. Address C. A. Stannard, Box M, Emporia, Kan.

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Hardwood Tree For Kansas

The Honey Locust For Woodlot, Street or Yard

BY CHARLES A. SCOTT, STATE FORESTER
Written For Farmers Mail and Breeze

Mr. Scott will be glad to answer questions or advise the readers of Farmers Mail and Breeze in regard to trees or tree planting. Address him at Manhattan and say you want an answer in Farmers Mail and Breeze.

The Honey locust makes its best growth and reaches its greatest size on the deep, rich soils of creek and river valleys. It likes a soil containing lime. The common soils of Kansas and Nebraska are well suited to it. It does not grow successfully on dry, sandy or gravelly soils and should never be planted on such soils. It is a tree that grows well in regions having from 40 to 50 inches of rainfall annually, but it will endure as much drouth and other unfavorable conditions as any hardwood that grows in America.

For western Kansas conditions, the Honey locust is in a class by itself, for woodlot, street, or yard planting. There are Honey locust trees in western Kansas that have withstood the adverse conditions of the last 40 years and are still as thrifty and free of fungus or insect injuries as any tree can be. Within its native range, the Honey locust is practically free of any serious insect or fungus attacks.

Good Tree for Western Kansas.

The Honey locust was one of the most commonly planted trees during the life of the Timber Culture act. As a result there are hundreds of successful plantings in the prairie region of the state. Some of the most striking examples can be found in western

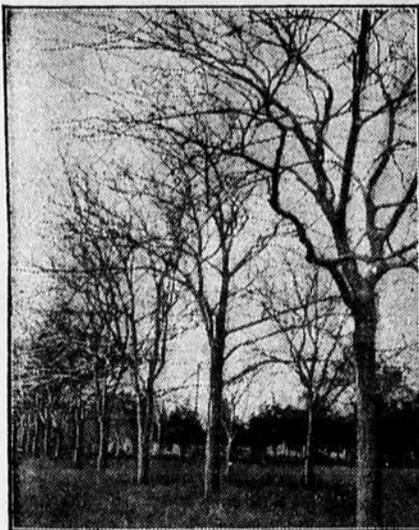


Fig. 1. Row of thornless Honey locust trees planted 25 years ago in Smith county and grown without irrigation. They are 24 to 28 feet high and 8 to 10 inches in diameter 4 feet from the ground.

Kansas towns where the trees have generally been planted for street and yard trees.

Figure No. 1 shows a row of thornless Honey locust trees in the Smith county courthouse yard. These trees were planted in 1887. They have been grown without irrigation, but have always received good cultivation. The soil is the typical prairie loam of western Kansas. All the moisture that has contributed to the growth of these trees has been supplied through rain and snowfall as they have never been irrigated and it is 200 feet down to water. The trees in the picture are from 24 to 28 feet in height and from 8 to 10 inches in diameter 4 feet from the ground. This perfect stand of 25-year-old trees under these conditions speaks for the hardiness and thriftiness of this species.

A 24-Year-Old Shelter Belt.

Figure No. 2 is a picture of Mr. Lill Heike's farm home 2 miles north of Phillipsburg. The trees in this picture constitute a small farm woodlot, northwest of the house and north of the barn, and serve as a shelter belt, protecting the house, barn, and yards from winter storms. The trees are Honey locusts, 24 years old. They range from 18 to 24 feet in height and from 4 to 8 inches in diameter at 4 1/2 feet from the ground. These trees have been grown without irrigation, but have always received good cultivation. It is 125 feet

to water here. The soil is prairie loam.

Figure No. 3 shows two rows of Honey locust trees on C. H. Jacke's farm near Webster, Rooks county. These trees are 23 years old and range from 18 to 24 feet in height. Their diameter 4 1/2 feet above ground runs from 6 to 8 inches. These trees are the border rows of a timber-claim planting. Speaking of his trees, Mr. Jacke said:

More Than 2,000 Posts in 10 Years.

"Wishing to comply strictly with the provisions of the Timber Culture act, I

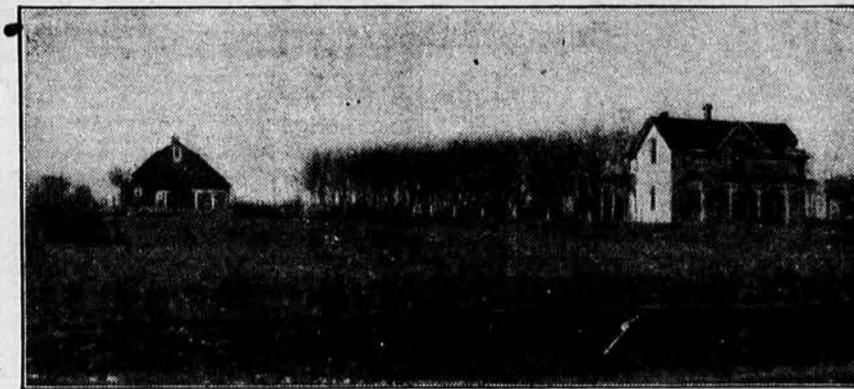


Fig. 2. Twenty-four-year-old shelter belt and woodlot of Honey locust trees on the Heike farm in Phillips county. They range from 18 to 24 feet in height and have been grown without irrigation in prairie loam.

planted most of my trees 4 by 4 feet. This has been a serious drawback to the growth of the trees as it is too close spacing for this country. I consider the Honey locust the only tree worth planting. The other kinds of real value are the cottonwood and Green ash, when they can be planted on low ground. But these have never amounted to much on high upland. My method of preparing ground for trees is to prepare it with about the same care as a field would be prepared for corn that is to be planted with a check row planter. My timber has cost me a lot of hard work; I believe, however, that I have been well paid for it in posts and wood I have cut. I have cut more than 2,000 posts from my timber in the last 10 years and the posts are now growing faster than four such farms can use them for replacement."

Mr. Jacke's trees have always had good cultivation and the present thrifty condition of the trees in this grove is entirely due to this.

Planting Locust in a Mixture.

The Honey locust is a tree of very light foliage and it demands full light. Naturally it develops a short trunk with heavy wide-spreading branches. By planting the locust in mixture with some slower growing species with heavy foliage, it will develop a long straight trunk clear of limbs to a respectable height. The Green ash and Red cedar

are desirable species to plant in mixture with it. These trees have a heavy foliage that will shade out grasses and weeds that naturally thrive in the shade of the locust. The shade of these trees will also protect the locust from sun scalding that sometimes occurs when grown alone and pruned to develop the desired form.

In such a mixture, the trees should be planted in alternate rows 10 feet apart and 6 feet apart in the row. At this spacing, it requires 726 trees to plant an acre and half of this number, 363, would be locust. With good cultivation, the normal rainfall is sufficient to keep this number of trees in a good thrifty growing condition. This spacing will permit cultivation between the rows to be continued as long as desirable.

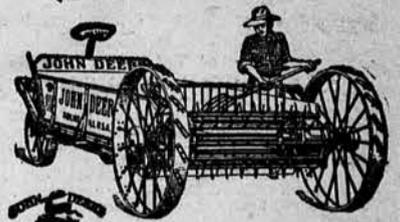
There are two distinct types of the



Fig. 3. Two rows of Honey locust trees on the Jacke farm, in Rooks county, that have furnished more than 2,000 posts in the last 10 years and are now producing post timber faster than four such farms can use them.

John Deere Spreader

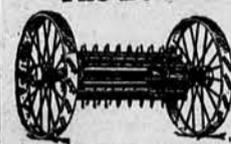
The Spreader with the Beater on the Axle



Take any manure spreader you have ever seen, remove all the clutches and chains, all the countershafts and stub axles, do away with all adjustments and mount the beater on the rear axle.

Rebuild the spreader so that the top of the box is only as high as your hips. Make it stronger. Remove some two hundred trouble-giving parts and throw them away. You will have some sort of an idea of what the John Deere Spreader, the Spreader with the Beater on the Axle, is like.

The Beater on the Axle



The Beater on the Axle

The beater and all its driving parts are mounted on the rear axle. This construction is patented. You cannot get it on any other spreader made.

Power to drive the beater is taken from the rear axle through a planetary transmission (like that on automobiles). It is positive, runs in oil, and does not get out of order.

Few Working Parts

The John Deere Spreader is so simple that there are no adjustments. It has some two hundred less parts than the simplest spreader heretofore made.

There are no clutches to throw it into gear. The lever at the driver's right is moved back until the finger, or dog, engages a large stop at the rear of the machine. All the chains and adjustments have been done away with.



Out of Gear

Only "Hip-High"



Easy to Load

Because the beater is mounted on the rear axle, it is only "hip-high" to the top of the box. Each forkful of manure is

put just where it is needed. You can always see into the spreader.

Roller bearings, few working parts, the center of the load comparatively near the horses, and the weight distributed over four wheels, make the John Deere Spreader light draft.

Spreader Book Free—Tells about manure, when and how to use it, how to store it, and a description of the John Deere Spreader. Ask for this book as Package No. Y 12

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20 Days Free Trial Grinds more ear corn or small grain, with less power, than any other mill. Doesn't warm the feed. Lathe-centered burrs may be changed in three minutes. Try it 20 days free. Write to-day for booklet. 62 Main St. Spartan Mfg. Co. Pontiac, Ill.

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We have made up one thousand surprise packages which we are going to distribute among the first 1,000 readers of this paper who answer this advertisement. Each package will contain at least three articles and one of these will be a book. The other two or more articles will constitute the surprise and will be something which we believe you will appreciate very much. We have a large assortment of miscellaneous goods and cannot say here just what will go in the package you receive—but we are quite sure you will say the three articles are EACH worth MORE than 10c. If you answer at once, sending 10c for a 3-months' subscription to our paper and 2c additional—just 12c in all—you will be receiving one of the big surprise packages for only 2c. Send 12c today. Address Household Surprise, Dept. 13, Topeka, Kas.

VETERINARY ADVICE

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

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

Bloody Wart.

I have a colt that has a bloody wart on her forehead. Can you tell me of anything that will take this off?—A. H., Seibert, Colo.

The quickest and best way to remove the wart would be to dissect it off. Sometimes we have fairly good results by applying nitric acid.

Early Shedding.

I have a Percheron colt of registered parents, foaled in September. By the time it was a month old it had shed half its original coat, but seemed normal otherwise. Is this case out of the ordinary or is the season responsible?—E. L. H., Milan, Kan.

I think the shedding of the coat due to the change in the season. It was beginning to grow its winter coat. If the weather had remained warm for a month or so longer or if the colt had been born a month earlier it probably would not have begun to shed its coat quite so soon.

Distemper After Effects.

I have a horse that had the distemper last fall. He got over it but it seems to have left him thick winded. He wheezes through his nostrils all the while. Can anything be done for this?—F. M., Kanopolis, Kan.

We sometimes get cases of distemper that leave the horse with thick wind. Sometimes this defect is permanent and again it may improve in a few months. I would suggest that you get a pint of Fowler's solution of arsenic and give him a tablespoonful mornings and nights, in the feed, for two or three weeks then stop for two or three weeks and if necessary resume the treatment.

Breeding Ages.

At what age would you advise breeding a are colt?—C. A. F., Abilene, Kan.

This would depend somewhat upon the breed. If it is one of the heavy draft breeds any time after 3 years would be permissible, but if it was a lighter breed, one that does not develop so early, it would be better to wait until the animal is 4 or 5 years old. It would depend partly also upon how the animal had been taken care of whether it had been stunted or whether it had had good care and had matured early.

Rheumatism Symptoms.

I have a cow 5 years old that became lame in her right front foot in July, 1911. After being taken off pasture in the fall she apparently got over it but last June the same trouble returned. It has been almost impossible for her to get around and she will stand on her knees for an hour at a time. The trouble seems to be somewhere below the knee but can find nothing wrong. The hoof on that foot has grown out long from disuse. She is thin in flesh but has a good appetite. What can I do for her?—W. S., Saffordville, Kan.

It looks as if your cow was suffering with rheumatism and I should suspect the trouble is in the fetlock. Get 1 ounce of tincture of colchicum and 3 ounces of water; give a tablespoonful of the mixture once daily. The hoof should be trimmed so that if the animal wishes to walk it can do so without inconvenience. I would also suggest that as she is getting thin there might be some suspicion of tuberculosis and it would do no harm to have her tested for that disease.

Conditioning a Brood Mare.

I have a mare 7 years old, weighing about 1,250 pounds. She has brought four colts and think she is with foal again. She is in good flesh but her hair stands on end and pastern joints are swollen. Last summer she was sick with what the veterinarian called swamp fever. A few days ago she took sick while husking corn with her and the veterinarian said she was simply out of condition. He gave her a physic with other medicine to straighten her up. But it hasn't done it. What is your advice?—L. H., Pleasanton, Kan.

I do not see why you wish a condition powder to put an animal in good shape if she is in good flesh, but I presume you wish the animal to look as if she

were having good care and not appear so rough. You might get fairly good results from the following: Sulphate of iron ¼ pound, pulverized gentian ¼ pound, oilmeal 1 pound. Dampen the feed and give 1 tablespoonful twice daily. I would suggest that you keep the animal blanketed and mix a handful of oilmeal once daily with the grain.

Worm Remedy.

My horses are troubled with worms. I have tried several remedies but they do not seem to cure. What would you suggest?—H. G., Protection, Kan.

I would suggest that you give a tonic powder consisting of sulphate of iron ¼ pound, tartar emetic 2 ounces, pulverized ginger 2 ounces, charcoal 1 ounce, oilmeal ½ pound. Give the animal a tablespoonful of the mixture once daily for 10 days and then drench each horse with a pint of linseed oil and ½ ounces of turpentine. Give all at one dose. If necessary this treatment can be resumed. Care must be exercised in drenching to see that the animal does not strangle and get the oil on its lungs.

Lice On Horses.

Our horses are infested with the large grey lice and have had a few on them all summer. The horses are in fair condition but I don't seem to be able to get rid of the parasites. Have tried a lice dip on a blanket but this only stupefies them. Can you suggest a remedy? I don't want to clip the horses.—A. P., Brownell, Kan.

Dipping animals affected with lice with some of the commercial dips used according to directions is usually quite effective. If the horses have long hair and are not being handled or cleaned it is very difficult to overcome the trouble. I would suggest that you take some of the commercial dip and a brush and apply the dip with a brush, rubbing them the same as if you were cleaning them. I would suggest also that you saturate some cloth or burlap with the mixture and wrap it around a post so that the animal can rub against the post and in that way they will apply the mixture themselves.

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Automatic Dynamo Lighting System
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Victor Steel Needles, 6 cents per 100. Victor Fibre Needles, 50 cents per 100 (can be repointed and used eight times).

New Victor Records are on sale at all dealers on the 28th of each month.





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.

Better make two churnings than have the churn too full. Half full should be the limit.

Cream of 24 to 28 per cent richness yields about 3 pounds of butter to the gallon.

When any other income on the farm has stopped, you can still depend on the cream check.

We have a big dairy barn and our cows are never turned out during cold or rainy weather.—H. E. Hagberg, Gothenberg, Neb.

The careful dairyman has a good supply of roughage in or near the barn so as to be forehanded in case of a sudden storm.

Market prices of grain and feed are pretty well down the scale this winter but they still bring the same top prices when marketed through the cream can.

Many dairymen feed their chop or meal with silage or pulped roots. By so doing they claim the ground grain is made better use of and less is lost.

Pork making ought to be a profitable side line for the dairyman this winter. Forty-cent corn, cheap skim milk, and a good hog market is a money making combination.

Cows that have a habit of chewing old bones, wood, or manure have a craving for mineral matter that may sometimes be satisfied by putting a handful of fine wood ashes in the feed twice a week.

Silage the Last Word in Feeds.

[Prize Letter.]

Mr. Editor—My experience in dairying runs all the way from the time we herded cows on the roads, stalk fields, of anywhere else they could get feed, to the present day practice of feeding from a silo. I have raised about every kind of feed adapted to our soil and climate and as a milk producer I think the least of Kafir. I have fed it green when cut with a binder, have fed the grain threshed and ground, and have mixed it half and half with corn—all with such poor results that I am done with it.

I have tried cowpeas which the cows seem to relish but I think we could obtain better results by plowing the same ground, sowing sweet corn on the rough surface and harrowing it down. I usually sow a patch of sweet corn to furnish feed during the dry spells of summer. Try it next season and see how far an acre will go and how much good it will do. I am a strong believer in corn fodder for dairy or stock cattle, and horses.

Wheat pasture is an ideal feed for the dairy cow in winter. The secret of making cows give milk or making hens lay eggs in winter is to reproduce summer conditions as nearly as possible.

I am having my first experience with a silo this winter. My cows are in better condition and there is less work in feeding them than I ever had before. And you never saw a more contented bunch of cows. They are not only giving a good flow of milk but are piling on flesh right along. Last year at this time we were pouring bran and mill run at \$1.50 and \$1.60 per 100 pounds, but this winter that farm leak has been stopped up.

We feed about 40 pounds of silage per head per day, with Kafir and corn fodder, and early cut millet in addition. Part of the cows also get a small quantity of alfalfa. During the last half day of filling the silo we ran alternate loads of Kafir and corn into it. This would make a good mixture for stock cattle but for milk cows I will take corn silage alone hereafter.

Otis Smith.

Geuda Springs, Kan.

Whys and Hows of Testing

BY WILLIAM F. DROGE, Assistant State Dairy Commissioner.

[Written for Farmers Mail and Breeze.]

The mystery of the Babcock test in determining the amount of butterfat in cream, is probably the cause of more dissatisfied cream patrons than anything else. Our state dairy laws are such that a cream buyer must test within 1 per cent of what is actually in the cream, and most cream buyers who operate stations in Kansas keep within the limit and the patron gets a fair test. Every cream producer however, should make himself familiar with the Babcock test so as to be able to watch the operation and know whether or not it is properly performed.

The Babcock test separates the butterfat from the other parts of the cream, by the use of a chemical and a centrifugal machine. Sulphuric acid is the chemical used. It is very heavy and when added to cream, quickly dissolves all solids except the butterfat. It generates heat in combining, liquefying the fat, and causing it to rise to the top, the heavy substance going to the bottom. The centrifugal machine only aids in forcing all the butterfat to the center on whirling. The per cent is then determined in a graduated bottle, called the Babcock bottle.

The following method has been adopted by the dairy commissioner and is now being used by all legal buyers in the state:

The sample is warmed to 110 degrees to emulsify the fat so that it can be uniformly mixed. Nine grams are then weighed into a graduated Babcock bottle and cooled back to 68 degrees. About 8.8 cubic centimeters of sulphuric acid are next added and the cream and acid are well mixed until it becomes a dark chocolate color. Hot water at 180 degrees is added to stop the action of the acid. It is then whirled 5 minutes in the centrifugal machine. More water at 180 degrees is added to bring the fat well up into the graduated neck of the bottle and it is whirled 2 minutes longer. The bottles are next placed in a water bath at 125 degrees and let cool to 120 degrees. This takes about 10 min-

utes. The per cent of butterfat is read directly off the graduated portion of the neck in the following manner: Hold the bottle on a level with the eye, place one arm of a pair of dividers at the bottom of the fat column and the other at the center of the dark line in the upper meniscus. Hold the dividers rigid and bring the lower end of the dividers down to the zero mark and the upper arm will give the correct reading in per cent.

A cream producer who has five or six cows, or more, would find a small testing outfit a good investment. Such an outfit complete can be obtained for a few dollars. He could then test his own cream and also the milk of his individual cows.

A milk test differs somewhat from a cream test. Milk, having a more constant specific gravity than cream, may be measured instead of weighed. A small necked bottle is used; 17.6 cubic centimeters of cream are measured into the bottle and about 17.6 cubic centimeters of acid are added. It is whirled 5 minutes without the addition of water. After adding the water it is whirled 3 minutes and after adding the second amount of water it is whirled 1 minute. In reading the milk test, read from the bottom to the extreme top of the fat column.

Manhattan, Kan.

You can more than pay your hired man's salary by selling your empty bags to Fredonia Linseed Oil Works, Fredonia, Kansas.—Advt.

The Ozark farmer is making 5c a lb. profit from pork—are you?



No. 5:—The Ozark farmer enjoys an ideal climate for stock, free from malaria; where sickness is reduced to the minimum; where the purest of running water, fine drainage, mild winters, cool summers and the altitude, keep stock unusually free from the scourges which so often visit other sections.

James F. Crone, near Mountain Grove, spent \$32 for hogs a little more than a year ago, and from that investment has sold pork to the value of more than \$600; besides having meat for his family and 42 head on hand.

And think of the advantage in the Ozarks for dairying! Results speak louder than anything: E. T. Shelpman of Greene County, sold \$1232 worth of cream and butter in a year from 12 cows; T. P. Emmons of Oregon County, sold \$2,054 worth of milk from 20 cows; G. F. Holloway, who makes \$10 per month per cow (and gets 65 bushels of corn per acre), says: "I find this country the best for farming and dairying, and I have been in nearly every State in the Union."

Even if you had to pay the same price for land in the Ozarks that is asked elsewhere, you could make greater returns from your investment there; but realize that right now you can get good land at \$12 to \$25 per acre. All in all, it's a proposition that ought to make any man want to know more about it now.

THERE are five reasons why Ozark farmers get 5 cents a pound profit from pork—and they are the same reasons why stock raising of any kind in the Ozarks is so much more profitable than in other sections.

No. 1:—The Ozark farmer has good grazing from April 1st to January 1st—nine full months. Only 3 months of winter (mild at that)—no long expensive winter feeding and very little shelter needed.

No. 2:—The Ozark farmer can produce pork at 2 to 2½ cents per pound on cowpeas, alfalfa, peanuts, etc., which grow so well on these Ozark soils—only a little corn needed a few weeks before marketing, to make the flesh firm.

No. 3:—The Ozark farmer's city markets are so close by, that the net price offered him at his local market is greater than would be offered where the hogs would have to be shipped a greater distance.

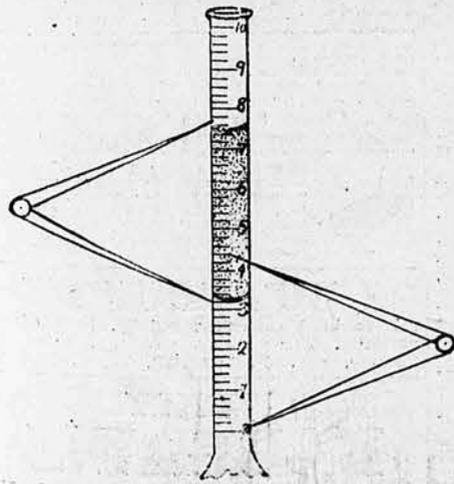
No. 4:—The Ozark farmer is offered the highest prices prevailing anywhere—by the dealers in Kansas City, St. Louis and Memphis (price now around 8 cents).

A free book for you!

It's not the kind you can pick up anywhere. Double sized pages, 75 actual photo pictures of farms—some in full color. Written by a man who knows farming. Takes up the Ozark sections, county by county, and describes the farming conditions there. Also tells actual experiences of Ozark farmers. I haven't many copies of this book on hand; please drop me a postal to-day for your free copy.



A. HILTON, General Passenger Agent, 1504 Frisco Building, St. Louis, Mo.



TESTING MACHINE (FIG. 8) AND BABCOCK BOTTLE (FIG. 7).

Fig. 7 shows method of measuring the fat column with the dividers and reading the test. Before the test is taken the bottles are whirled in the testing machine or centrifuge.



Poultry Keeping

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

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

Save the shelled whole corn for the night feed.

Ashes or dry earth scattered under roosts make good absorbents.

Winter or summer, a crowded poultry house is bad for the flock's health.

Chaff piles from around the straw stack make good scratching litter.

A hopperful of bran, handy at all times, helps to balance the winter ration.

A little more culling would not come amiss before the heavy winter feeding must begin.

Two weeks of milk and corn meal feeding will add to the profits of market stock.

The albumen in milk goes toward making eggs. That is why the layers crave milk and it is well to let them have all the surplus.

One thing in favor of keeping December and January eggs for hatching is that only the best layers are at work then. That is one way of building up a laying strain.

Coal or wood ashes are good scattered on the floor of a house. Also have a box of them in which the hens may take a dust bath.—Mrs. J. T. Alma, Kan.

One of the little things that count in winter chicken keeping is to see that the nests are in the warmest part of the house. Hens will not do much laying in cold, drafty nests.

Winter Egg Requisites.

Mr. Editor—The things we have found to make hens lay in cold weather are, first, plenty of the right kind of feed, with grit and fresh water always handy; second, a good house to keep them in at night and on stormy days; and third, clean, warm nests to lay in.
Kimball, Kan. Addie Morgan.

Peanuts as a Poultry Feed.

How would Spanish peanuts do as a feed for laying hens? I am planning to feed them on the vine and let the chickens do their own hulling.—Mrs. E. W. Wewoka, Okla.

There is not very much definite information to be secured on this subject. W. A. Lippincott, poultryman at Kansas Agricultural college says he has on file the statements of several people who say that they have fed peanuts with excellent success. One says, "I have found peanuts to be splendid food for both large and small chicks." Another says, "I believe that my chickens grow and lay better than they did before I started to feed peanuts." Another, "I am feeding peanut hearts to our ducks, and feed 1/2 bran and 1/2 peanuts as a mash. Have fed it for two years, and like it very much."

A Turkey Income for 1912.

Mr. Editor—I have been an interested reader of Farmers Mail and Breeze for some time, especially of the poultry department. I want to tell you of my experiences with turkeys this year. Last spring I started with two hens and a tom, and from 50 eggs I raised 29 birds, which netted me \$39.52 for the lot. They were the Mammoth Bronze kind.

I put the first 20 eggs under chicken hens and the rest under the turkeys. Both hens and nests were sprinkled with lice powder and this was repeated twice during the sitting period. After the poulters hatched I kept them confined for a week and let them have free range,

only bringing them up at night. I found clabber, well seasoned with black pepper, their best feed. I should like to see some letters on this page giving experiences with Indian Runner ducks.
Selden, Kan. Mrs. M. F. Reilley.

Second Laying Contest is On.

The second national egg-laying contest at Mountain Grove, Mo., started November 16 and is now well under way. An even 600 birds are entered in the contest, coming from many parts of the United States and from Canada and England. Besides the hens in the laying race there are 100 birds at the station in a feeding experiment, to show what methods of feeding are best adapted for egg laying. A pen of White Leghorns from England laid 41 eggs the first half of November, after finishing their long journey. This was the second best record made during this period, a pen of Silver Wyandottes laying 60 eggs during the 15 days.

Reliable Poultry Breeders

LIGHT BRAHMAS.

BEST QUALITY of Light Brahmas for sale. Price reasonable. Mrs. Fred O'Daniel, Westmoreland, Kan.

COCHINS.

PURE PARTRIDGE COCHIN cockerels for sale. Henry Snyder, Piedmont, Okla.

PARTRIDGE COCHINS for sale. Pure bred. Mrs. C. E. Wonderly, Benedict, Neb.

ORPINGTONS.

FOR SALE—Pure bred Buff Orpington cockerels. Address Mary A. Benedict, Lyons, Kan.

GERTRUDE GEE'S Gold Nugget strain Buff Orpingtons. Cockerels and pullets. Winfield, Kan.

FOR SALE—140 pure bred Buff Orpington hens, pullets, \$1.00 each. Cockerel free with 24 hens. Emma Denton, Goff, Kan.

EIGHTY choice Single Comb Buff and Black Orpington pullets and cockerels, farm raised. Flora B. Watson, Altoona, Kan.

CHOICE lot White Orpington cockerels for sale; Kellerstrass strain. Few late hatched pullets. Orpington Yards, Argonia, Kan.

ORPINGTONS, Buff, Black, White. Fine stock, reasonable prices. Satisfaction guaranteed. J. S. Walker, Joplin, Mo., Box 507.

S. C. BUFF ORPINGTONS. A choice lot of cockerels for sale from \$1 to \$5 each. I can please you. Aug. Petersen, Churdan, Iowa.

S. C. BUFF ORPINGTON cockerels, farm raised fine healthy stock; correct size and color. For sale \$2.00 to \$5.00. Melissa Culver, Netawaka, Kan.

BUFF ORPINGTONS. Utility and high scoring show for sale cheap if taken at once. Satisfaction guaranteed or money refunded. Pleasant Hill Poultry Farm, Ellinwood, Kan.

TURKEYS.

BOURBON RED gobblers, thoroughbred. Fay Ezy, Turon, Kan.

BOURBON RED turkeys. Toms \$4.50. E. E. Schaffer, Lucas, Kan.

BOURBON RED turkeys for sale. Mrs. Columbus Beauchamp, Belleville, Kan.

MAMMOTH BRONZE young tom turkeys 24 lbs. \$4.00. Rosa Knoll, Holton, Kan.

FULL BLOOD BOURBON REDS. Mrs. F. H. Chamberlain, Sedan, Kan., R. No. 3.

A FEW AI WHITE HOLLAND toms at \$5.00 each. Mrs. R. I. King, Burlington, Kan.

PURE BOURBON RED toms \$4. Hens \$3.50, fine color. Lorenzo Reed, Kanopolis, Kan.

BOURBON REDS—20 lb. toms \$4.00; hens \$3.00; trios \$9.00. Mrs. John Jevons, Wakefield, Kan.

THOROUGHBRED Mammoth Bronze Turkeys, Toms \$5.00, hens \$3.50. C. E. Poland, Almena, Kans.

PURE WHITE HOLLAND turkeys; the best. Write Julia Westphal, Kinsley, Kan., Rest Haven Farm.

FOR SALE—Bourbon Red turkeys. Toms \$4.00 each. Mrs. Carrie O'Connell, R. R. No. 3, Box 66, Logan, Kan.

BOURBON RED toms four and five dollars each. Mrs. W. B. Atkinson, Independence, Kan., Route No. 7.

PURE BRED White Hollands. Large, healthy. Toms \$3.75. Hens \$2.75. Until Dec. 20th. G. M. Kretz, Clifton, Kan.

PURE BOURBON RED turkeys. Lusty heavy boned young toms at \$4.00. Extra fine last year tom \$5.50. J. M. Nielson, Marysville, Kan.

THOROUGH BRED Mammoth Bronze turkeys. From prize winning hens and a \$12.00 tom. Toms \$5.00, hens \$3.00. Mrs. Homer Rawlings, Eureka, Kan.

THOROUGHBRED M. B. turkeys from prize winning stock at state shows for four generations, sired by chl. that took second at Topeka state show, Dec., 1911. Mrs. James Aitken, Severy, Kan.

Reliable Poultry Breeders

PLYMOUTH ROCKS.

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

40 WHITE ROCK cockerels, for sale cheap. W. T. Blackwill, Quinter, Kan.

BUFF ROCKS. Pure bloods. Dandies \$1.50 to \$2.00. True Cutler, Holt, Mo.

BUFF ROCK cockerels and pullets for sale. William A. Hess, Humboldt, Kan.

EXTRA CHOICE White Rock cockerels and pullets. D. J. Ward, Severance, Kan.

PURE BARRED ROCKS \$1.00 each, \$5.00 for 6. Peter Lungren, Osage City, Kan.

WHITE IVORY WHITE ROCKS, pure bred white birds. Miss Dolson, Neal, Kans.

CHOICE WHITE ROCK cockerels. Write for prices. Sidney Schmidt, Chillicothe, Mo.

FOR SALE—Fine early hatched Buff Rock cockerels. Mrs. W. A. White, Uniontown, Kan.

ROCKS—Buff and Partridge. Females \$1.50, males \$2.00. W. F. Alden, Ellsworth, Kan.

PURE BRED Barred Plymouth Rock cockerels \$1.00, \$1.50 and \$5.00 each. Mrs. C. N. Bailey, Lyndon, Kan.

WEIGHER-LAYER Barred Rocks. 96 premiums. Early birds \$2.00 up. W. C. Opfer, Clay Center, Kan.

FOR SALE—Big bone, vigorous Barred Rock cockerels. Right in quality and price. Mullis Poultry Farm, Dunbar, Neb.

WHITE PLYMOUTH ROCKS. Some choice pure white cockerels, cheap. Write for prices. Mrs. E. E. Williams, Sabetha, Kan.

BARRED ROCKS. All round good birds. Some Indian Runner drakes, fawn and white. Mrs. Henry Bacheider, Fredonia, Kan.

MAMMOTH Snow White Rocks. Large, magnificently shaped cockerels \$3.00 and \$5.00 each. Charles Vorles, Wathena, Kan.

BARRED PLYMOUTH ROCK cockerels, 50 early birds, pure bred, healthy, farm range, \$1.00 each if taken soon. Mrs. Theo. Jung, Lyons, Kan.

BARRED ROCK cockerels, best strains, well grown, \$1 to \$2 each. We strive to please. Write your wants today. D. N. Hill, Lyons, Kan.

TWO BREEDS. Barred and White Plymouth Rock cockerels and pullets from prize winners. Write for prices. Henry Hicks, Cambridge, Kan.

IVORY STRAIN WHITE ROCKS. Big snow white chicks, and pullets from first prize winners Kansas state show, 1912. Write Chas. C. Fair, Sharon, Kan.

WHITE PLYMOUTH ROCK cockerels, which are large, pure white and healthy with true Rock shape. 1, \$1.50; 2, \$2.75; 4, \$5.25; 6, \$7.50. Mrs. Walter Cline, Versailles, Mo.

WYANDOTTES.

WHITE WYANDOTTE cockerels \$1.00 and up. Mrs. M. E. Johnson, Humboldt, Kan.

WHITE WYANDOTTE cockerels \$1.00 each. Mrs. E. J. Stambach, Sedgewick, Kan.

SILVER WYANDOTTES—Prize mating; cockerels cheap. Mrs. J. W. Gause, Emporia, Kan.

PURE BRED Rose Comb Silver Laced Wyandottes. Cockerels \$1.00 each. Guy Barnes, Milton, Kan.

PURE BRED WHITE WYANDOTTES. Cockerels \$1.50 to \$5.00 each. J. E. Gustafson, McPherson, Kansas.

WHITE WYANDOTTE cockerels. White Holland tom and Indian Runner drakes. Write Andrew Kosar, Glasco, Kan.

PARTRIDGE WYANDOTTES. Stock and eggs in season. Best bargains for those who buy early. Walter Dodson, Denison, Kans.

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

PURE BRED, Silver Laced Wyandotte cocks, cockerels, hens and pullets. \$1.00 to \$2.50 each. Any bird may be returned at my expense if not as represented. H. A. Dressler, Lebo, Kan.

LEGHORNS.

S. C. B. LEGHORN cockerels. Henry Ketter, Seneca, Kan.

S. C. W. L. cockerels. Hens \$8.00 doz. Sarah Rollins, Gretna, Kan.

BUFF LEGHORNS. Choice cockerels \$1 to \$1.25. Mrs. John Wood, Solomon, Kan.

PURE Rose Comb Brown Leghorn cockerels \$1.00 each. Tillie Wilkins, Miltonvale, Kan.

ROSE COMB BROWN LEGHORN cockerels, \$2.00 and up. Mrs. John Holzhey, Bendena, Kan.

S. C. W. LEGHORN cockerels. Celebrated Wykoff strain. Good laying stock. Order early. Mrs. Lydia Fuller, Clyde, Kan.

SINGLE COMB BROWN LEGHORN chicks, from the best laying strains in this country \$1, \$2, \$3 each. Col. Warren Russell, Winfield, Kan.

200 SINGLE COMB BROWN LEGHORN cockerels and pullets. Can furnish utility or show birds cheap if taken at once. G. F. Koch, Jr., Ellinwood, Kan.

FOR SALE—A limited number of S. C. W. Leghorn cockerels that score from 91 1/2 to 93 official score card. Also 100 hens and pullets not scored. E. L. M. Benter, Leona, Kan.

Reliable Poultry Breeders

DUCKS.

PENCILLED Indian Runner drakes. \$1.00 each. Paul Grill, Ellsworth, Kan.

FINE INDIAN RUNNER drakes and ducks. \$1.00. Ethel Hammons, Bronson, Kan.

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

THOROUGHBRED Indian Runner ducks and drakes. \$1.00 each. Eggs in season. Mrs. Ala Stewart, Hollis, Kan.

WHITE INDIAN RUNNER drakes—pure white egg strain. Second to none. Prices reasonable. D. M. Christy, Blackwell, Okla.

FOR IMMEDIATE SALE—Indian Runner drakes, beauties, \$1.50 each; eggs in season. Also Brown Leghorn eggs. Lock Box 4, Emmett, Kan.

RHODE ISLAND REDS.

GOOD R. C. RED cockerels \$2. Mrs. B. F. Weigle, Winfield, Kan.

ROSE COMB REDS. Satisfaction guaranteed. C. Wheeler, Argonia, Kan.

SINGLE COMB R. I. RED cockerels. \$1.00 each. Mrs. Louis McCollam, Kincaid, Kan.

GOOD Single Comb Rhode Island Red cockerels \$1.00 each. O. C. Duprey, Clyde, Kan., R. F. D. 5.

R. C. REDS, big boned, deep red, red eyes, long body, low tail, high scoring stock. Highland Farm, Hedrick, Iowa.

LENNAPPE STRAIN of Rose Comb Reds, heavy laying strain. Large vigorous stock, deep red color, absolutely no white. Mrs. A. L. Scott, Larned, Kan.

RHODE ISLAND REDS, both combs. Scored and unscored cockerels for fanciers and farmers at prices justifying one writing for. H. A. Sibley, Lawrence, Kan.

SINGLE AND ROSE COMB Rhode Island Red cockerels, hens and pullets from best laying and richest colored strains in this country, \$1, \$2, \$3 and \$5. Col. Warren Russell, Odessa Farm, Winfield, Kan.

SEVERAL VARIETIES.

FINE ANCONA cockerels for sale. Ed Hampton, Manning, Kan.

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

KANSAS POULTRY FARMS, Emporia, Kan. Any variety chickens \$1.00. Turkeys, Ducks. Quality, A1.

ROSE COMB WHITE LEGHORNS. Silver Spangled Hamburgs. Cockerels. Chas. Gresham, Bucklin, Kan.

LOW PRICES—Thoroughbred stock. Sixty varieties. Special list free. Jordan Poultry Farm, Coffeyville, Kan.

FOR SALE—White Orpington cockerels and Indian Runner drakes. Cheap if taken now. C. E. Reed, Norton, Kan.

S. C. BUFF ORPINGTONS, B. P. Rocks and large White Holland turkeys. Write James Meberg, Everest, Kan.

CHOICE Single Comb Brown Leghorn and Buff Orpington chicks, and hens \$1 to \$5. Mrs. Mattie Story, Cleo, Okla.

SINGLE COMB BROWN LEGHORNS, Bronze turkeys. Satisfaction guaranteed. Chas. Lorenz, Hitchcock, Okla.

WHITE ORPINGTONS (Kellerstrass) and White Wyandottes. Scored stock for sale. Write for prices. Mrs. M. Garnant, Kidder, Mo.

STOCK AND EGGS from Black Orpingtons, White Plymouth Rocks, Light Brahmas. Write for prices. L. Gray, Admire, Kan.

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

FOR SALE—S. C. Buff Orpingtons, R. C. Rhode Island Reds, Buff, White and Partridge Cochins, White, Chinese and Toulouse geese, Imperial White Pekin ducks. The above stock is strictly pure bred and scores from 95 to 97 1/2 points. Both hens and roosters (prices reasonable). Write for prices and get first choice. Chiles Poultry Yards (P. O. Box No. 22), Chiles, Kansas.

FILE'S 65 Varieties LAND and Water Fowls. Farm-raised stock, with eggs in season. Send 2c for my valuable illustrated descriptive Poultry Book for 1913. Write Henry File, Box 604, Freeport, Ill.

I BUY POULTRY Pure bred cockerels, pullets, hens of all varieties. Pay up to 60c each. Also ducks, turkeys, etc. E. MILLER, Virgil, Kansas.

TURKEY BARGAINS 500 M. Bronze, 300 White Holland, 200 Bourbon Red, also several thousand cockerels of Standard Poultry. Write for descriptive circular and prices. Address W. F. HOLCOMB, Mgr., Nebraska Poultry Co., Clay Center, Nebraska.

Meat Food As a Weight Maker

Whether or not a strictly vegetable diet is best for human beings is still an open question. As for poultry the vegetarian theory seems to be all wrong. Dr. Edmond Perrier, a French scientist, recently completed a series of tests in feeding ducks, which proves that the amount of meat in the ration has considerable to do with the rate of making weight in poultry. A large brood of ducks hatched at the same time, were distributed in several pens and each lot received a different diet. Some were fed solely on meat foods, some on fish,

others on grubs and flies, still others on bread, corn, and cabbage, while one pen had nothing but vegetables.

When 2 1/2 months old the pen fed on the exclusive meat diet had reached full size and averaged more than 3.3 pounds each. The pen that had the insect diet came second with an average weight of slightly less than 2 1/2 pounds each. The fish eating birds averaged a fraction less than 2 pounds, while the pens receiving no meat at all tipped the scales at a trifle more than 1.3 pounds each.

As a food to make hens lay, meat or green cut bone is no longer an experiment. It seems to be equally as profitable a feed to make birds put on weight. In the winter the fowls miss their necessary insect diet and the green cut bone takes the place of it. This often spells the difference between success and failure. The bone must be fed fresh and in small quantities daily.

Getting Eggs on a Town Lot. [Prize Letter.]

Mr. Editor—We have 75 single comb Brown Leghorn hens that laid between 30 to 40 eggs a day all through November. Their house is cleaned every day and they are free from lice. They have lukewarm water at daybreak every morning and I notice most of them take a drink the very first thing. Next they get their blood warmed up by scratching, for every night we scatter 1 1/2 gallons of wheat in deep litter in the scratching shed. This keeps them busy and happy until the frost is gone when they are turned out. They have no range as they are kept on a town lot. A quantity of native lime has been dumped in the lot and the flock runs to this as soon as released. They pick it up like corn and never seem to get tired of it.

Every day at noon the flock has a warm dinner. Sometimes it is a kettle of oats boiled in salt water, a crock of milk, and a stewed pumpkin. Sometimes it is boiled oats, lye hominy and cabbage. Very often it is cooked wheat, with Kafir and oats uncooked. When the eggs are gathered at about 4. p. m. the hens receive as much shelled corn as they will eat. I have trained them to come at the ringing of a small bell for that is the only way I can get them away from the millet stack.

The last thing they get before going to roost is a warm mash, and very often half the flock will get off the roosts for it. The mash is made of bran or shorts mixed with table scraps and beef meal. They are fonder of this mash than of anything else given them and by feeding it last they will eat more than otherwise. Besides it warms the hens up until well toward morning.

Three times a week we feed meat scraps bought in 100-pound sacks. We offered it to them dry at first but they refused. By pouring hot water over it and letting it stand over night it proved to be a feast for them. The flock always has oyster shells, ground bone, sand and ashes before them. Water pans are emptied, rinsed and refilled several times a day.

We are preparing for winter by lining the roosting room with old ingrain carpet and covering the floor with straw to a depth of 3 or 4 feet. The general care and feed I have told of will be continued except that occasionally such extras as parched corn, boiled broken rice, etc., will be fed. The flock is never turned out in the cold.

Jennings, Kan. Pearl Chenoweth.

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. 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.

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

The Poultry Advertising Season is Here. Farmers Mail and Breeze is the Best Medium

All indications point to a better season for the poultry business than a year ago. That means better results for Farmers Mail and Breeze poultry advertisers. This paper continues to be, as for years past, the leader in its class as a poultry advertising medium. It carries the most poultry advertising among farm papers because it gives the best results. Most of its circulation is in Kansas and Northern Oklahoma, and there isn't any better poultry territory anywhere. No other farm paper covers any state so well as Farmers Mail and Breeze covers Kansas. Other poultry breeders are building up a good, steady year after year business by advertising in this paper. Why not you?

HERE IS PROOF THAT IT PAYS.

We advertised last spring in 10 farm papers and poultry journals and your paper headed the list in both inquiries and orders. When we have anything to offer we certainly will advertise in Farmers Mail and Breeze.—Armstrong Brothers, Arthur, Mo., Oct. 8, 1912.

The ad I inserted in Farmers Mail and Breeze was entirely satisfactory, as it brought me more orders for poultry than I could fill. Could have sold double the amount of poultry if I had had it to spare. I may send you an egg ad next spring.—Mrs. H. F. Arnott, Sabetha, Kan., Oct. 8, 1912.

We had a prosperous season again this year. We will want space in the paper again next year. We find it always pays well.—Mrs. C. S. L. Wade, Miltonvale, Kan., Oct. 10, 1912.

I have received better results through Farmers Mail and Breeze than through any other paper.—Herbert Rowland, Hanover, Kan., Oct. 10, 1912.

Here is a little ad. Run it until I tell you to stop. If inquiries come in as fast as they always do when I advertise my Mottled Anconas in your paper, you will not need to run it long.—W. H. Hardman, Frankfort, Kan., Oct. 19, 1912.

Since the middle of April I have had all the business I could take care of and of course Farmers Mail and Breeze was responsible for the largest share of it.—Chas. J. Cook, Marysville, Kan., May 31, 1912.

Circulation Over 104,000 Copies Each Issue Positively Guaranteed

We have a special, low rate on poultry advertising. Write for it to

Farmers Mail and Breeze Topeka, Kansas

You Can Earn a Good Living Raising Poultry

Cut down living expenses—raise poultry for your own use and for sale to neighbors. Thousands make money this way with SUCCESSFUL INCUBATORS SUCCESSFUL BROODERS \$6.75 and up Life Preservers—Life Preservers Why don't you do the same? Learn how easy it is to start. Booklet "How to Raise 25 out of 50 Chicks"—10c. Catalogue FREE. Write today. Address Des Moines Incubator Co., 246 Second St., Des Moines, Ia.

140 EGG INCUBATOR and 140 CHICK BROODER Both \$10

The incubator is Both \$10 with asbestos and galvanized iron; has triple walls, copper tank; nursery; egg tester, thermometer, ready to use. 30 Days' Trial—money back if not O. K. Write for Free Catalog today. Ironclad Incubator Co., Dept. 66 Racine, Wis.

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HOUSEHOLD PREMIUM CO., Dept. 13, TOPEKA, KANSAS





FOSTER'S FORECASTS

(Copyright 1912 by W. T. Foster.)

To Farmers Mail and Breeze:

Washington, D. C., December 14.—Last bulletin gave forecasts of disturbances to cross the continent December 13 to 17 and 18 to 22, warm waves 14 to 18 and 19 to 23, cool waves 15 to 19 and 20 to 24.

First of these disturbances will bring unusually warm weather and following the second will come a great fall in temperatures, a cold wave. But this cold wave is not expected to be severe. Some precipitation with these disturbances but less than usual.

We use the words disturbances, storm center, low and storm as synonymous and none of them necessarily means precipitation or danger. Readers of these bulletins should not apply meanings that are not expressed. The warm wave is always in advance, its highest temperatures usually southeast of the low or storm center.

The storm forces will be greater than usual accompanying the disturbance to cross the continent December 18 to 22 and you should expect a winter storm of more than usual severity.

Next disturbance will reach the Pacific coast about December 22, cross Pacific slope by close of 23, great central valleys 24 to 26, eastern sections 27. Warm wave will cross Pacific slope about December 22, great central valleys 24, eastern sections 26. Cool wave will cross Pacific slope about December 25, great central valleys 27, eastern sections 29.

On Pacific slope this disturbance will be above average intensity, but after it crosses Rockies it will be only a moderate winter storm, of no great importance, with moderate temperatures and not much precipitation. That disturbance is expected in the great central valleys on Christmas day and to pass through eastern sections during the holidays. Indications are favorable to good holiday weather on all the continent except a little rough on Pacific slope.

Indications are that January will be warmer than usual in the great central valleys and from about a little below normal in eastern sections and on Pacific slope. Less than usual rain and snow is expected in the great central valleys of the states and in Cuba and from about normal precipitation to a little below in all other sections. Indications favor a general drouth in January in the states between meridian 90 and the Rockies.

Make School Heads Appointive

By a change in the constitution it is proposed to make state and county superintendents appointive by the merit system instead of elective. The Kansas Teachers' association and E. T. Fairchild who recently resigned as state superintendent endorse the idea and so will everybody else who believes that school superintendents should have high moral and educational fitness rather than political qualifications.

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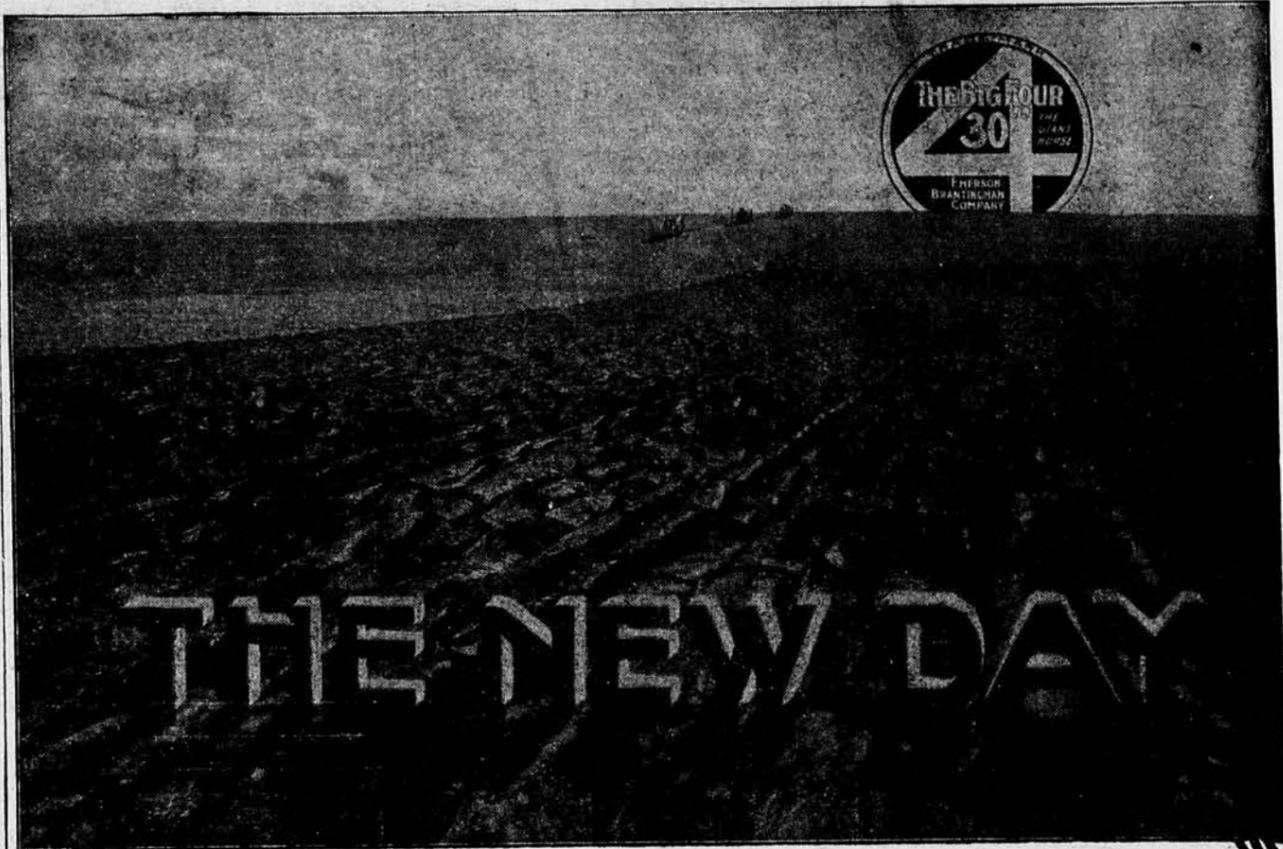
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Farmers' Federation Plans

The farmers who organized at the Hutchinson congress to promote a federation of the farmer organizations in Kansas elected F. E. Wentz of Burlington, chairman. In a letter to the Mail and Breeze Mr. Wentz outlines what the new organization hopes to do.

In the way of understanding more fully what the new organization may stand for and what it aims to accomplish I may say that the Farmers' Union, the Society of Equity, the Grange, as well as nearly all other farm organizations stand for certain principles for the uplift and for the betterment of farm life, both socially, financially and legislative. Each of the various orders has been working single-handed with the same object in view and in this way have not been able to accomplish as much as if they had all worked together. The object of the new organization is to unify the principles the various orders stand for without effecting any of their units.

The farmers need to understand each other better and need better than anything else to centralize their forces in order to secure their just share of recognition. By combining our forces or orders we might establish a large distributing plant in the large cities for our produce, thereby getting better prices for them and at the same time favor those who patronize us with a better and a cheaper article. We might also use the same agency to secure many of our commodities we need on the farm in a wholesale way and avoid many of the excessive profits that enter into the cost of living at the present time. We would also be able to ask for needed legislation in a more effective manner.

Every farm organization is urgently requested to send delegates to the new organization at its session at Manhattan on January first. We will aim to complete the organization in such a way as to harmonize the interests of the various farm orders on a united basis at once.

There are many possibilities awaiting us in developing a combination of rural organizations and what we need right from the start is to apply sound business methods to the new organization and not to expect too much or the impossible. F. E. WENTZ, Chairman. Burlington, Kan.

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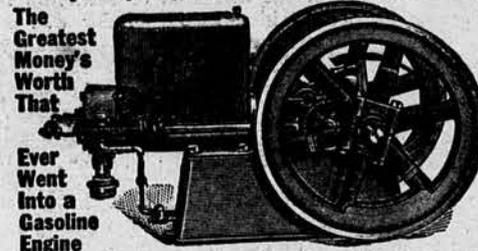


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Road Improvers Choose Capper

Kansas good roads boosters got together at Independence last week and came out strong for substantial bridges and in favor of the state taking over the supervision of all road work. The constitution at present provides the state shall not become a party to any work of internal improvement and a committee was appointed to test by a court decision whether this provision forbids state supervision of highway building.

Figures compiled from assessors' reports and presented by W. S. Gearhart, state highway engineer, showed that \$4,975,696 was spent on roads and bridges in Kansas last year. This is an average of \$50.60 for each mile of road in the state. More than 3 millions of this amount was spent by townships under the direction of township road officers while the remainder was paid out through county boards on county roads and bridges. At least half the total was spent on bridges and the greater part for repairs on "tin" bridges. That much of the other half was used up in "tinkering," in the opinion of the engineer.

Several counties that have seen the light are now building nothing but concrete and stone bridges.

Warden J. K. Coddling of the state penitentiary recommended that inmates of county jails be used to improve the roads. He was not in favor of convicts doing this work, because their labor was more profitable to the state inside the prison in operating the state's twine plant and similar industries.

Arthur Capper, publisher of the Farmers Mail and Breeze, was asked for his opinion of the good roads situation in Kansas, and said:

"I have talked with more than 1,000 farmers of Kansas during the last 12 months on this good roads problem, and I don't hesitate one moment to say that the farmers of Kansas are ready to build good roads whenever they are assured that they are not being "worked." So long as he regarded the good roads agitation as a scheme of the pleasure seeking automobilist to construct smooth highways upon which reckless drivers might risk their own foolish necks and endanger the safety of other travelers, the man on the farm manifested small interest in the movement.

"If more good road clubs and automobile associations would convince farmers of their sincerity by fighting for any kind of good roads located where the farmers want them instead of the sort THEY want, the desired end would much sooner be reached.

Practically everybody in Kansas wants better roads, but all cannot agree upon the kind. The man who is going to do the most toward securing good roads is not the man who secures the largest appropriations and is the noisiest agitator, but the man who wisely unites all good roads forces into one harmonious body, working toward a definite end. It is not great appropriations that are needed at the start so much as a united public opinion. Without this public opinion and concerted demand for good roads built after certain improved methods, the largest of appropriations will be wasted, or if used for roads, such roads will not be appreciated or maintained. Once get public opinion aroused, learn how to use the money to best advantage and the appropriations will come."

The 1913 good roads convention will be held at Newton. The officers elected for the ensuing year are; President, Arthur Capper, Topeka; vice president, P. H. Albright, Winfield; secretary, G. T. Hinshaw, Newton; assistant secretary and treasurer, E. E. Trowbridge, Kansas City. The new executive committee is H. G. James, Independence, John P. Edwards, Sedan and T. W. Whitney, Council Grove.

Make money by saving your empty bags. Write the Fredonia Linseed Oil Works, Fredonia, Kansas, for prices.—Advt.

Baling Wire Has Many Uses.
Mr. Editor—Really the handiest thing on this farm is baling wire. A man with a little gumption can do almost anything and everything with it except to shoe horses.
J. R. Little.

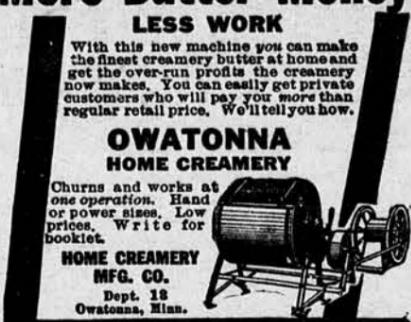
PARCELS POST JOBS OPEN.
Thousands of appointments coming. Write Franklin Institute, Dept. J 175, Rochester, N. Y., for free list of government positions open to you.—Advt.

More Butter Money

LESS WORK
With this new machine you can make the finest creamery butter at home and get the over-run profits the creamery now makes. You can easily get private customers who will pay you more than regular retail price. We'll tell you how.

OWATONNA HOME CREAMERY
Churns and works at one operation. Hand or power sizes. Low prices. Write for booklet.

HOME CREAMERY MFG. CO.
Dept. 18
Owatonna, Minn.



MEN WANTED IN THE AUTO INDUSTRY.

Chauffeurs and mechanics get \$75 to \$100 a month, salesmen and managers more. Demand grows as autos multiply. Learn to run and repair automobiles. Equip yourself for a paying position or get into the auto business for yourself. Ours is the largest and best auto school in the West. In large, new building—complete machine shops, all accessories, many makes of autos. Individual experience in large touring cars. Write for booklet.

NATIONAL AUTO TRAINING ASS'N
2876 North 20th Street OMAHA, NEB.

Xmas Gift!

Little Girls and Mammams—Look!

2 BABY DOLLS AND ONE BIG DOLL FREE!



3 DOLLS FREE

3 DOLLS FREE

Grandest Offer Ever Made!

Yes, we want to GIVE you all three of these beautiful, golden-haired dolls. The big doll is 2 1/4 ft. tall, the baby dolls about 6 inches tall—and you need not spend a cent of your money to get them. They cannot be broken, have cheeks like two pink roses, big brown eyes and lips that look as if they wanted to be kissed. The large doll is so big that you will have to put her to bed in your own crib and dress her in your own outgrown clothes or some of the baby's. With a real child's dress on and a red bow that can't get lost or come untied in her bright curls, you will have a doll that all your little friends will admire, and you will love her better than your other dolls because she is the kind that won't break, lose her eyes or snarl her hair. The two little baby dollies, dressed in white baby dresses, will make your doll family the cutest and most desirable ever offered. The dolls are stamped in beautiful colors, on strong cloth, and mamma can sew them up on the machine in ten minutes. Printed directions will tell her how to make Miss Dolly so she will sit down, bend her arms and legs, and allow you to place her in all kinds of natural positions. Each doll has on bright red stockings and black laced boots.

How To Get Them FREE

Send 25c for a year's new, renewal or extension subscription to our popular home and news weekly and we will send the dolls as a gift.

WEEKLY CAPITAL
Dept. 3D-C, Topeka, Kan.

Free Doll Coupon

Weekly Capital, Dept. 3D-C, Topeka, Kansas.
I am enclosing 25c to pay in advance for a year's subscription to the Weekly Capital. You are to send me free and postpaid the three dolls described above.

Name
Address

CROPS and FARM WORK

**First Winter Temperature of Season Recorded Last Week—
Fall Farm Work Well in Hand and Large Amount of
Fall Plowing Done—Favorable Season for Stock**

(Crop Reporting Service of Farmers Mail and Breeze.)

The first real touch of winter landed in Mail and Breeze territory last week but was short lived. Snow was general over the western part of Kansas and was reported as far south as central Oklahoma. Thermometers registered as low as 19 and 20 above zero, the lowest of the season.

Farmers have taken advantage of the fine fall weather and a larger acreage has been fall plowed than is usually the

So far the season has been all that could be asked for stock. Mild weather has meant a smaller demand on feed and at the same time made better grazing on fall sown grain. Stock hogs and cattle including milk cows, are the attraction at sales this fall.

KANSAS.

Shawnee County—Wheat looks fine. Good deal of fall plowing being done. Corn nearly all out. Some hogs still dying. Other stock doing well. Everything sells well at sales. Wheat 75 cents, corn 37, eggs 25, butter 28. —J. P. Ross, Dec. 7.

Crawford County—Fine weather for plowing. Wheat looks well. Hog crop very short, with few pigs and brood sows. Some hog cholera in county but losses small. Hogs are worth \$6.75 to \$7.25, corn 45 to 50 cents. —H. F. Painter, Dec. 7.

Cheyenne County—Farmers are busy husking corn and hauling grain. Are having some snow and cold weather. Had about 2 inches Nov. 26 and some more Dec. 1 and 5, with hard northwest wind. Wheat 69 cents, eggs 25, cream 30. —Mrs. J. S. DeLong, Dec. 6.

Clark County—About 50 per cent of usual number of fattening hogs on farms. There can only be a light spring pig crop at best. No disease worth mentioning. Not much attention paid to hog raising as very little corn is grown here. —H. C. Jacobs, Dec. 5.

Washington County—Weather fine for corn husking. Sales are numerous and cattle sell high. Hog cholera has been pretty bad in some sections in this county, also across the Nebraska line. Only a small per cent of breeding done. Eggs 25 cents and hens seem to be on a strike. —Mrs. H. A. Birdsley, Dec. 7.

Russell County—Weather cool and dry. Wheat looks a little spotted but will not be hurt much if we have moisture soon. Most stock on dry feed and doing well. Good many hogs being fed. Have heard of no disease lately. Corn 45 to 50 cents. —Mrs. Fred Claussen, Dec. 7.

Lyon County—Our first winter's day was Dec. 5 when thermometer reached 24 above zero. Most of standing corn husked. A good deal of Kafir and hay being hauled to market. Stock in good condition. Fair crop of

light hogs and pigs in the county. Good many farmers have bred sows for spring farrowing. Hay \$8 to \$9, alfalfa \$11 to \$12, corn 40 to 45 cents, wheat 70 to 74, butter 30, eggs 25. —E. R. Griffith, Dec. 7.

Sumner County—Growing wheat looks fine. Corn about all cribbed and half of Kafir crop threshed. Kafir yielding from 20 to 25 bushels. Milk cows very scarce and selling at \$40 to \$60. Fat hogs scarce at \$7 to \$7.25. Stock cattle \$3.50 to \$6. Hay being loaded on cars at \$8 to \$8.50. —H. C. Moore, Geuda Springs, Kan.

OKLAHOMA.

Kingfisher County—Two inches of snow on the ground. Wheat is all in good shape but not large. Corn nearly all husked and selling to feeders at 35 to 45 cents. Stock doing well with plenty of roughage on hand. Cotton about all picked. —H. A. Reynolds, Dec. 7.

Garfield County—Wheat looking fine and acreage is larger than it has been in several years. Kafir threshing in progress with yields averaging 20 bushels. Not many hogs in the county. Perhaps less than 50 per cent of usual number of spring pigs in prospect. Hogs \$6 to \$7.25, corn 35 cents, Kafir 40. —H. C. Waggoner, Dec. 3.

Want a Board of the Kansas Kind

Within the last 10 days the Kansas board of agriculture has received from officers, legislators and agricultural authorities in five different states letters inquiring how it is that the Kansas board gets its results, and asking for copies of the law under which it operates.

This is not new, as each year, prior to the assembling of the various legislatures these inquiries come, saying in effect that the Kansas board is one of the very few they ever heard of that attracted any attention or that amounted to anything practically worth while, and they would like to secure the pattern for adaptation and adoption in their own states.

Beyond holding a fair for a week each fall the activities of the ordinary state board of agriculture are very limited. The Kansas board, after considerable experience in promoting and conducting an annual fair, unanimously resolved more than 30 years ago that such work was not necessarily any part of its legitimate duties, and that its efforts and means should be devoted to a different and larger service. This policy has been adhered to ever since.

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



WRITE For This Book of Gloves

WHY not find out about the gloves that double your working capacity, protect you against accident and weather, and—for given service—cost less than any other?

Hansen's Gloves

are described in this free book—all styles, for work or sport. The Protector and "Glad Hand"—light or heavy weight—with or without gauntlet; the Dan Patch Driving Glove; gauntlets for motoring—all patterned to suit every hand and every pocket. If your dealer doesn't happen to have the glove you like, we'll send it on approval. Money back if not pleased.

O. C. Hansen Mfg. Co.
92 Detroit St.
Milwaukee, Wis.

O. C. Hansen Mfg. Co.
35 Detroit Street
Milwaukee, Wis.

This Coupon Brings Free Glove Book

You may send me free postpaid your book showing Hansen's Gloves. I am most interested in the styles for following purpose:

Name _____
Town _____ R. F. D. _____

Old Reliable Four-Burr Mills

No Gearing
No Friction



Double Set of Burs grinding at same time. Many thousands in use—ground millions of bushels. 3-horse mill grinds 20 to 50 bushels per hour; 4-horse mill 40-50 bushels. We also manufacture the Famous Iowa No. 2 mill for \$12.50. Write for free illustrated catalog of Feed Mills and Hot Air Furnaces.

BOVEE GRINDER AND FURNACE WORKS
88 8th St., Waterloo, Iowa

I Make You This Proposition

I offer you well located lands, possessing warm, responsive soil, in the best part of WESTERN MICHIGAN. These lands are on or near good roads, steady and high-priced home markets, close to the largest and most prosperous manufacturing town in the area. I own, in fee, several thousand acres of these choice lands, which can be bought now at \$20.00 to \$30.00 per acre, on terms of \$1.00 per acre down and \$5.00 a month on each forty acres, with interest at 6% per annum, payable monthly, or annually, if you prefer. I will also sell these lands on terms of \$100.00 down and \$100.00 per year for each forty acres. These are terms every thrifty man or woman can meet.

By my plan you cannot lose, because if you allow me to select for you my best unsold land, I give you twelve months in which to make your personal inspection, WITH THE PRIVILEGE OF CHANGING FOR ANY OTHER UNSOLD LANDS, IF YOU PREFER THEM, OR A REFUND OF THE ENTIRE AMOUNT OF ALL YOUR PAYMENTS IF YOU WANT NONE OF THE LAND.

This is the Most Liberal Offer Made by Any Responsible Farm Land Owner

Make your first payment now, because the prices will advance in a few months. If you cannot make all of your first payment at this time, I will accept a reasonable deposit to bind the bargain, and give you additional time to make up your first payment. Any change you make in your selection, within a year, will be at present prices. Otherwise, it will cost you \$3.00 to \$5.00 more per acre. Past experience has proven this to hold good. Look up my responsibility and the integrity of my proposition, then use the coupon below, which will bring you a fine map and booklets free. Railroad fares and hotel bills allowed to purchasers of forty or more acres. WRITE TODAY.

"We are Advertised by Our Loving Friends"

Great Seal of the State of Michigan.

State of Michigan.
Executive Office,
Lansing, March 27, 1912.

tural and fruit growing directions. Yours respectfully, (Signed) CHASE S. OSBORN, Governor.

To Whom This May Come: Mr. Samuel S. Thorpe, of Cadillac, Mich., is highly endorsed by those who personally know him and know of his work and his methods. He represents one of the best and most rapidly developing sections of our state. The Cadillac Board of Trade, composed of men of high business standing, whom I personally know, refer to Mr. Thorpe as a man possessed of a splendid reputation for ability and integrity. I am sure he is representing a state and a section of our state that is advancing rapidly in agricul-

In reply to Mr. Thorpe's request for a testimonial regarding the land I bought of him and our business relations, would say, I like this country. A more friendly and accommodating people I have never met. After spending some time investigating the advantages of this country, I came to the conclusion that this was a good place to make a home, so I bought of Mr. S. S. Thorpe 174 acres and feel that I have not made a mistake. (Signed) S. S. PARKER, From Wells County, Indiana.

"I have thoroughly informed myself as to the character and business methods of Mr. Thorpe.

That I consider the lands a good investment is shown by the fact that I have invested in them myself. I do not often give letters of recommendation, but think that the business methods of Mr. Thorpe and the quality of the lands he offers, warrant my writing the above." (Signed) JOHN M. STAHL, Secretary of Farmers' National Congress, Chicago, Ill.

We came to Cadillac from Elkhart county, Indiana, in July, 1907, and after a careful investigation of the lands in the CADILLAC TRACT, will say that it is all O. K., as far as we can see. We purchased a nice little farm, which will grow all kinds of crops, and found everything just as represented by Mr. Thorpe. We think that a man

of moderate means can find a much better opportunity here than where we came from in the older settled country. We assure all concerned that Mr. Thorpe has done well by us and kept all his promises. His reputation is first class, and we have great confidence in him. (Signed) MR. and MRS. P. F. WELTER, formerly from Elkhart County, Indiana.

From the purchaser of the \$25,000 Sunnyside Dairy Farm, Cadillac, Mich.: "We feel that we are under obligations to you for your promptness and your kindness to us in the transaction, and we will aim to give you no reason ever to regret the same." (Signed) GEORGE LEY, Formerly from Minnesota.

I also own or control a number of well and partially improved farms, a couple of which, selected at random from a large list sent free with other matter, I describe below:

No. 1212, Two Hundred and Eighty Acres

Splendid dairy farm, located only 80 rods from the city limits of Cadillac (a town of 10,000 live ones). One hundred and twenty acres cleared for farming and free from stumps. Ten acres hard wood timber. Two acres of bearing orchard. Balance pasture and not hard to clear. No waste land. Lays level to gently rolling. Soil warm responsive sandy-clay loam, generally underlaid with clay. Buildings consist of fine 13-room frame house, stone foundation. Frame basement barn, stone wall 50 by 80; large root cellar and well finished modern milk room, together with other buildings. Silo 16 by 32. All fenced and cross-fenced. Everything up in good shape and a moneymaker from the start. All crops on farm at time of sale, together with all personal property (except household goods) amounting to several thousand dollars, go with the farm. In addition to big yields of money-making crops, a milk route at the present time paying \$5,000 per year is included. Further information and list of personal property free on request. Price \$70 per acre. Terms: Half cash, balance to suit. Interest on deferred payments at the rate of 5 per cent.

S. S. THORPE, Owner of the Cadillac Tract
1627 FIRST NATIONAL BANK BUILDING, CHICAGO
RESPONSIBLE AGENTS WANTED

No. 1231, Eighty Acres

Here is another eighty that will make a good home for some industrious man who is willing to work a little. This is practically all unimproved, some of our best hardwood soil. There are 15 acres cleared for farming and the balance is in good wood timber. Only 3/4 miles to town and 1 mile to school. Splendid neighbors. The buildings are a set of camps, but there is plenty of lumber in them to put up a barn and the rough material for a house. This is a bargain. Price \$20 per acre. Terms, \$850 cash, balance on long time.

Clip This Coupon for My Free Book "Cadillac Farms"

MR. SAMUEL S. THORPE,

1627 First National Bank Building, Chicago.
The idea of getting a fine farm at a low price and on easy terms in the Fruit Belt of Michigan appeals to me. Send me free and without obligation your book, illustrated in colors, "The Cadillac Tract."

Name _____

Address _____ Box _____

Town _____ R. F. D. _____ State _____

Farmers Mail and Breeze.

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.

Maybe some other parts of the house need fixing—the parlor, and the front hallway, and a few other places. But the kitchen is the most important place. Fix it first.

It isn't enough, when giving a recipe, simply to name the ingredients and the quantity. The success or failure of most dishes depends on the way the things are put together and the cooking they receive.

All the stores are full of beautiful things that fairly pull the dimes and quarters and dollars out of your pockets. But if giving Christmas presents of the kind you'd like means going in debt, it doesn't pay.

A reader of the Women Folks page from away off in Ohio makes this request: "I would like to hear from some of Mail and Breeze readers on their way of making sausage and how they keep it." Since she wants to know the Kansas way, let's show her!

Talking about cake with some of the good things left out—we were, you know—yesterday I received a recipe for a layer cake which contained no eggs, no butter, no sugar, no milk, no spices, no flavoring, no fruit. "What was left?" did I hear someone ask? Flour, molasses, lard, water, and soda. But what's the use? Don't forget we want your recipes for the desserts you make during the winter when butter and eggs are high. We'd like to have all your letters in by the 20th.

If You're Sewing a Seam.

A labor saver in basting a straight seam is to use wire paper clips to hold the material together instead of basting. The clips will hold it perfectly, and will not fall out as pins do.

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

The Sticking Fruit Can Lid.

Fruit jar lids can easily be removed from sealed jars by inverting the fruit jar for two or three minutes in a vessel of boiling water, having the water of sufficient depth to come above the rubber.

Mrs. E. B. Cline.
 R. 3, Duncan, Okla.

Girls Are Learning to Cook.

The Domestic Science department of the State Agricultural college is becoming more popular among the Kansas girls every year. This fall there have been 738 girls enrolled in this department not to speak of the other girls who are enrolled in the sub-freshman and general

science divisions. Of these 738 girls, 167 of them are taking the housekeepers' six months course. Every room in the big domestic science building is crowded, and the classes meet six days a week, using every hour from 8 o'clock in the morning until 5:30 at night.

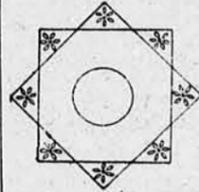
The After School Lunch.

I have read good articles about how to prepare lunch for school children. But when I went to school I always came home hungry, and my mother would often have a hot supper ready waiting for my brothers and me. It often consisted of hot beef soup, or chicken and cornbread, or other good delicious food. I think it a good idea to do this on a very cold winter's day. Generally I would hunt the eggs first, for it gets dark so early in winter; and knowing what was awaiting me it never took me long to get them.

Mrs. John R. Angle.
 Courtland, Kan.

Soiled Handkerchief Bag.

Use two men's handkerchiefs and lay the one above the other. Cut a round hole in the upper one, hem the cut edge over a piece of wire and bind with ribbon. Stitch the handkerchiefs together along the lines where they cross each other and hang with ribbon. An eyelet design may be worked in the corners of the handkerchiefs.



Mrs. Olivia Grobey.

Handy Things to Know.

[Prize Letter.]

Rub hinges with a feather dipped in oil and they will not creak.

Camphor put in drawers or trunks will keep the mice away.

Never use soap in washing silver. Use clean hot water and dry with a cotton flannel cloth.

To prevent a scale or crust from forming inside a teakettle place a clean oyster shell in it.

Mabel Kellerman.
 R. 2, Burlington, Kan.

Suggestions for Christmas Presents.

A nice gift for a little girl is a crocheted set of motor cap, jersey sweater, leggings, tippet, and muff for her doll. These things would also be nice for children from 4 to 6 years old. They are easily made, as they are entirely of single crochet.

Then handkerchiefs make such dainty chafing dish aprons. Two of the large

white hemstitched ones make an apron. I am making some slipper holders for a family of six little girls. I will have them wall-pocket fashion, each name stenciled on. One can make so many things with a stenciling outfit. A dainty handkerchief is always acceptable, so I am using silk mull and fagoting the hem.

Alice B. Long.
 R. 1, Toronto, Kan.

Candy as a Christmas Gift.

[Prize Letter.]

Divinity Fudge—First Part: Three cups of sugar, 1 cup white sirup, a little warm water. Cook this till it hardens enough to crack when dropped in cold water. Second Part: One cup of sugar, 1/4 cup water. Cook this to a hair stage and pour over the whites of 3 eggs beaten stiff. Pour the first mixture over the second, add 1 teaspoon vanilla, beat till quite stiff and pour into buttered pans.

Nut Candy—Take a part of the above and put in a cup of any kind of nuts just when taken off the stove.

Chocolate Candy—Melt some chocolate on the stove. Mold part of the divinity fudge into balls, drop into the melted chocolate, remove immediately and drop on paraffine paper.

Stuffed Dates—Remove seeds of dates and press some of the divinity fudge in the place where the seeds were.

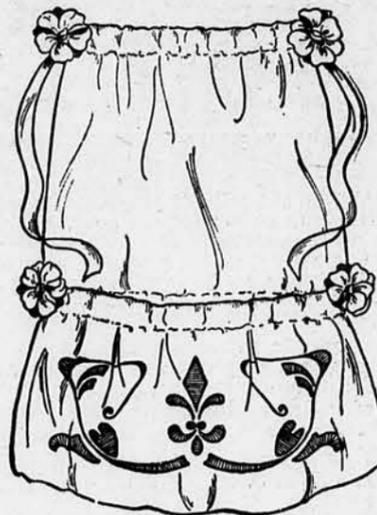
Stuffed Figs—Soak whole figs in water a short time and press some divinity fudge in.

All these can be made with little expense and trouble. You can fill several Christmas boxes with the assorted kinds. Wrap in waxed paper and tie with holly ribbon.

Mrs. Ethel Hammons.
 Bronson, Kan.

If She Does Fancy Work.

An apron work bag, dainty and useful, is illustrated here. A straight length of India linen or lawn is used for making it. Both ends of the linen are hemmed, and one end is turned up about a third of the distance and stitched along each side to form a big pocket. But before this is done stitch a piece of linen the same width as hem along the back side of apron, as you would for shirring; then when the pocket is finished ribbon strings can be run in to draw the bag together. Run one ribbon entirely around the bag starting at the right side, and run an-



8248 T—APRON WORK BAG.

other ribbon entirely around from the left, then the bag can easily be drawn together. Finish the ends of each ribbon in a rosette. Run ribbon through the hem at the top for ties, and put a rosette at each side. When one is doing fancy-work the bag holds all the working tools. When through working both the fancy work and the top of apron are dropped into the bag, the strings are pulled up and it is ready to hang away. If an embroidery design is worked on the front it will be much prettier. This work should be done before the pocket is made. The design illustrated is to be worked in flat satin stitch; that is, the stitches are to be laid smoothly side by side, over and over. The embroidery design is planned for a piece of lawn 18 by 36 inches. Those who would like the pattern can obtain it from the Mail and Breeze, Pattern Department, Topeka, Kan., price 10 cents.

Cut down feeding expenses by selling your empty bags. Write Fredonia Linsced Oil Works, Fredonia, Kansas, for prices.—Advt.

Let Jones Pay Your Way to K.C.

Do your Christmas shopping in Kansas City—Jones will pay your railroad fare at the rate of 1 mile for each \$1 you spend in our store—the West's Biggest store!

Splendid values in Christmas goods—Christmas presents for the whole family for the cost of what you've expected to pay for a single present!

Jones Pay the Freight

Jones pay the freight on all mail orders of \$5 or more within 200 miles. Simplify Christmas shopping by opening a charge account at Jones.

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

YOU CAN LEARN

To play by our easy plan. We give FREE lessons to customers. Big pay to those who can play in a band or orchestra. A musician can always make big wages and it is a great source of pleasure besides. We are headquarters for cornets, violins, horns, clarinets, flutes, drums, traps and all kinds of band and orchestra instruments. If you want to start a band or want full information about any special instrument, simply tell us on a postal or in a letter what you are interested in. Address: **JENKINS MUSIC CO., 140 Jenkins Bldg., Kansas City, Mo.**

Beacon FREE Burner

FITS YOUR OLD LAMP.

100 Candle Power incandescent pure white light from (kerosene) coal oil. Burns either gas or electricity. **COSTS ONLY 1 CENT FOR 6 HOURS.** We want one person in each locality to whom we can refer new customers. Take advantage of our Special Offer to secure a Beacon Burner FREE. Write today. **AGENTS WANTED.**

EMERSON SUPPLY CO., 59 Home Bldg., Kansas City, Mo.

WOULD YOU

Show this wholly visible Typewriter to your friends and let them see wherein it excels any \$100 Typewriter made. If we would send one to you Free of One Cent of Cost for you to keep as your own! Then on a postal card, or in a letter to us, simply say: Mail particulars.

EMERSON TYPEWRITER CO., Box 424 Woodstock, Illinois.

Boys or Girls! DO YOU WANT A

17-Jeweled Guaranteed 20-Year Gold Case **ELGIN WATCH FREE**

And big money spare time. Send name and address and let us tell you about it. **Thomas Seat Co., Hastings, Neb.**

Elixir Waterproofer

makes your shoes absolutely waterproof, makes them look like new and they will wear twice as long in wet weather. Also excellent for harness, buggy tops, auto tops and furniture. **FREE!** Liberal free sample sent on receipt of 12c to cover postage and packing. Enough to waterproof your shoes.

BRINKLEY BROS., 726 E. 15th St., Dept. A, Kansas City, Mo.

AGENTS \$3 a Day

NEW PATENTED AUTOMATIC CURRY COMB

Made of best cold rolled steel. Home-made, polished. Takes just half the time to clean a horse. Keeps the teeth always clean, no clogging with hair and dirt. A. R. Pett says: "It's a dandy. Easy seller. Big profits. Going fast. Write quick. Free sample to workers." **THOMAS MFG. CO., 8764 Wayne St., Dayton, Ohio**

FREE WATCH RING AND CHAIN

We positively give free a beautiful, gold-finished, engraved American made, stem wind, stem set watch, proper size, guaranteed five years. Also a beautiful ring set with three diamond cut brilliants for selling 20 jewelry articles at 10c each. Order jewelry today. When sold send \$2.00 and we will send watch, ring, chain.

ARDEN WATCH CO., Dept. 59 Chicago

PATENT YOUR IDEAS

\$9,000 offered for certain inventions. Book "How to Obtain a Patent" and "What to Invent" sent free. Send rough sketch for free report on patentability. Patents advertised for sale at our expense in Manufacturers' Journals. Patent Obtained or Fee Returned. **CHANDLEE & CHANDLEE, Patent Att'ys** Established 16 Years. **965 F. Street, Washington, D. C.**

FREE WATCH, RING AND CHAIN

We give to anyone a highly engraved, stem wind 5-yr. guaranteed watch, proper size; also 5-stone sparkling ring, set with 100 jewels. Order jewelry now; when sold send \$2.00 and we will send you watch, ring and handsome chain.

DALE WATCH CO., Dept. 97, CHICAGO

FREE TO OUR READERS!

Twenty of the Most Beautiful Christmas and New Year Post Cards

To help you and all readers of the FARMERS MAIL AND BREEZE in your preparations for Christmas we will send you, **ABSOLUTELY FREE AND POST-PAID**, a big package of TWENTY of the most beautiful Christmas and New Year Post Cards you ever saw, if you will send us only 25 cents to pay for a three months' subscription, or, providing you are already a subscriber, the subscription of a friend. Or, you may send a renewal or extension of your present subscription. Every card we send you will be a beauty—no cheap comic designs, but a handsome assortment of the prettiest, most expensive Holiday post cards on the market. In the assortment you will find post cards for little tots and older children, showing Christmas Trees, Santa Claus and all sorts of toys, also cards for older people, having a pleasing verse or a beautiful sentiment expressed by a great mind, or beautiful Christmas greetings and

words of good cheer, all lithographed in exquisite colors on the finest cardboard with designs and flowers heavily embossed and finished with magnificent gold, silver and holly borders and backgrounds.

If you do not care to send 25 cents to pay for a three months' subscription for yourself, get two of your friends to give you 25 cents for a subscription, send us their names and the 50 cents, and we will mail you, free and postpaid, a beautiful assortment of 15 Christmas and New Year Post Cards for each of your subscribers, and 20 of the handsomest Christmas and New Year Post Cards for yourself, and in addition, we will enter, renew or extend your own subscription for six months free. Christmas will be here almost before you are aware of it, so don't delay. Send us your order early—today if possible. Address, **FARMERS MAIL AND BREEZE, CHRISTMAS CARD DEPT., TOPEKA, KAN.**

HOME DRESSMAKING

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



- 6030—One-Piece Petticoat, 8 sizes, 22 to 36 inches waist measure.
- 6051—Misses' and Small Women's Dress, with panner, sizes 14, 16, 18 yrs.
- 6029—Ladies' Waist, with round collar and back pleatum in one, 5 sizes, 34 to 42 inches bust measure.
- 4817—Boys' Suit, sizes 2, 4, 6 yrs.
- 6031—Ladies' Draped Skirt, 5 sizes, 22 to 36 inches waist. Size 24 measures 1 1/2 yards around lower edge and needs 2 1/2 yards of 44-inch goods.
- 6052—Ladies' Pannier Skirt, 5 sizes, 22 to 30 inches waist. Size 24 measures 2 3/4 yards around lower edge and requires 2 3/4 yards 54-inch goods.
- 4830—One-Piece Apron, sizes 32, 36, 40, 44 bust.
- 6040—Child's Dress, sizes 2, 4, 6, 8 yrs.
- 3379—Child's Night Drawers, 5 sizes, 1 to 9 yrs.
- 6053—Ladies' Coat, 5 sizes, 34 to 42 inches bust measure. Size 36 requires 2 3/4 yards 54-inch material.

USE THIS COUPON FOR PATTERN ORDERS.

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

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

Pattern No. _____ Size _____

Pattern No. _____ Size _____

Pattern No. _____ Size _____

Name _____

Postoffice _____

State _____

R. F. D. or St. No. _____

BE SURE TO GIVE NUMBER AND SIZE.

Messages of Good Cheer.

One Christmas I received a dainty little envelope of delicate gray. On opening it I found a sprig of holly sketched with pen and ink, and in pretty lettering the words, "I wish you a Merry Christmas Tyme." The sender's name was hidden away in one corner. Last year there came a Christmas letter with here and there a single tiny holly leaf or berry in

water colors. These trifles keep alive the true spirit of Christmas tide, and yet are not a burden either to the recipient or the giver.

Elizabeth Hatch.

Englewood, Kan.

Trimming the Christmas Tree.
[Prize Letter.]

When trimming the Christmas tree for the little ones try this plan for a new and unique ornament: Cut a round hole in one side of an orange large enough to allow the removal of the pulp with a teaspoon—the pulp and juice of course, to be used in any way desirable, so nothing is wasted. On the opposite side of the orange cut out eyes, nose and mouth in miniature Jack-o'-lanterns. You can easily cut little teeth with a sharp penknife. In the lower end cut a small hole to hold, very tightly, short bits of Christmas candles about an inch long for an ordinary sized orange. Furnish a loop at top to hang by. Wire is always best, but if wire is not obtainable use bright cord threaded into a garning needle and run through the yellow part of the rind, being careful not to let the thread go deep enough to come through on the inside or it might catch fire. The effect is surprisingly charming, and the candles are much safer inside these cunning little lanterns than if they were left unprotected, especially where several small children are joyfully taking a first view of the beloved Christmas tree. I hope many Mail and Breeze little folks will be enabled to make the acquaintance of these funny little Jack-o'-lanterns this Christmas.

Mrs. M. A. Cattersm.

Cheswold, Del.

Old-Time Rule for Fruit Cake.

We are readers of the Mail and Breeze and like it very much. Enclosed find a recipe for a fruit cake which is extra fine. It is one of grandmother's recipes and has been used for years: Soak 3 cups of dried apples over night, in the morning chop lightly and cook in 2 cups of molasses. Take 3 eggs 4 scant cups of flour, 1 cup sweet milk, 1 teaspoon soda, 3/4 cup butter, 2 cups sugar, 1 tablespoon each of cinnamon, allspice, cloves and nutmeg, 1 pound of raisins rolled in flour, 1 pound currants, 1/2 pound citron, 3/4 cup sorghum molasses. Stir in the cooked apples after all other ingredients have been mixed together.

Sterling, Kan. Mrs. May Shores.

Help in Your Dressmaking

"Every Woman Her Own Dressmaker," is a fashion book which not only illustrates all the new styles, but gives plain and simple lessons and instruction on how to make the garments fit and hang like those made by the skilled dressmaker. Patterns may be had from the Pattern Department of Farmers Mail and Breeze for all the designs illustrated. Retail price of the book is 25 cents but we send it free to any reader who encloses two 2-cent stamps to partly pay postage and cost of mailing. Address the Mail and Breeze Pattern Department, Topeka, Kan.

Emery, Bird, Thayer Company

Kansas City, Mo.



Think of it! There are only a few days now until Christmas—this is the Southwest's greatest Christmas store. We have gathered here for the Christmas season a wonderful assortment of

Christmas Goods

Including thousands of novelties in Fancy Goods, foreign and domestic novelties in Jewelry, Silverware, Stationery, Toilet Goods, Leather Goods, Books and Toys. Complete stocks of fine Furs, Christmas Slippers, Furniture, Chinaware, Cut Glass, Artwares, Pictures, Gloves, Handkerchiefs and other things. If desired we will hold goods purchased now, until wanted. Come to Kansas City to do your Christmas shopping. If you cannot come, please write, giving full descriptions of articles wanted and price you wish to pay.

Address Dept. "B. T."



"RUBY GORDON Or Back From The Grave" FREE

By Libbie Sprague Phillips.



Here is a thrilling story of love, mystery and adventure that will grip your attention from the first word to the last! It is one of the greatest novels this famous writer has ever produced. Ruby Gordon, a poor orphan girl, becomes engaged to one of the young men in the town, who is the adopted son of a wealthy recluse. The old gentleman took a great dislike to Ruby Gordon because she reminded him of his wife who had left him years before and had been lost at sea in crossing the ocean; he felt that she was his wife's spirit reincarnated, and forbade Lawrence, his adopted son, to marry her, and made so much trouble that the young man finally broke his engagement and married another, but it is not their fate to so easily evade Ruby Gordon, as you will discover when you get your free copy of this great book and read the story yourself. Ruby Gordon will surely find a warm place in your heart—she is one of those sweet pure characters every reader admires. We purchased a large edition and will send the book free and postpaid to all who send 10c to pay for a 3 months' subscription to our big home, farm and news weekly. Send today. Address Weekly Capital, Book Dept. RG-10, Topeka, Kan.

FREE to GIRLS Talking and Sleeping Doll AND 100 PIECE Housekeeping Set for Dolly

Every little girl wants this new doll that can talk and go to sleep. No difference how many dolls you have now, this one is different. Big. Nearly 2 feet tall. Stylish hat, dress, shoes and stockings. The prettiest, sweetest dolly of all. Long curls. I have one for you. Girls will for her. Be ahead of your friends and she will say "Papa" and "Mama" for you soon. You'll love her dearly.

An Extra Prize will be sent to all girls who answer this advertisement in good faith and do so promptly.

MISS GERTRUDE ALLERTON, Dept. 92, 227 W. Washington Street, Indianapolis, Ind.

IOWA FARMS! Best soil, good improvements, all sizes, bargain prices, easy terms. Write today for our 1912 illustrated list. **NORTHERN IOWA LAND COMPANY.** Independence, Iowa.

100 Cards 10c Gold, Silver Views, Holly, Colored Scenes, Flowers, etc. All Ed. Commercial Pky. 808-S, Pontiac Bldg, Chicago

Nearly 1 1/2 Ft. Tall

Free to Every Little Girl!

32 Beautiful Doll Presents

I will send this big, handsome life size, sleeping doll, and 31 other all different Doll Presents, all free and express charges prepaid, to any little girl if she, or her mamma, or papa will write me at once. Dolly is a beauty, nearly one foot and a half tall, with real jointed bisque body, red lips, blue eyes, golden hair, and completely dressed from head to toe. Then comes Dolly's metal bed, with real mattress and pillows—big enough for her to sleep in—Dolly's beautifully decorated 13-piece tea set, 5-piece dining set, sweet little baby doll, hand-somely decorated play house, and exquisite 48-inch colored bead necklace as an extra present if I hear from you right away—32 presents in all.

Don't Send Me One Cent! I don't want your money—only your name and address so I can mail you postpaid, 12 handsome Art Pictures, all ready for framing. You distribute these pictures and collect 25c for each one of them, send me the \$3.00 collected, and I will send you this big, beautiful Sleeping Doll and the 31 other beautiful Doll Presents absolutely free by express, all charges prepaid. Don't wait! Send me your name and address today. I guarantee to refund every cent of money you send me if you are not more than delighted with your Doll Presents after you receive them. Address

Doll Present Man, Dept. 200, Topeka, Kansas

Life Size Sleeping Doll

I Prepay Express Charges

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.

SHETLAND ponies, write for prices. Charles Clemmons, Coffeyville, Kan.

WANT TO BUY eight, or ten high grade milk cows. J. W. Bradley, Garnett, Kan.

WANT TO BUY 50 to 75 native black faced ewes not over 4 years old. H. L. Harvey, Kincaid, Kan.

STANDARD bred trotting brood mares and stallion colts. Prices low. Max J. Kennedy, Fredonia, Kan.

WELSH PONIES all ages for sale. Imported and from imported stock. Reasonable prices. Olathe Pony Farm, Olathe, Kan.

FOR SALE—Eight Jersey bull calves; some from high producing dams; some ready for use. Chester Thomas, Waterville, Kans.

DOGS.

FOR SALE—Bird dogs either sex. E. G. Kephart, Holt, Mo.

THOROUGHBRED Scotch Collie pups for sale. W. H. Smees, Zurich, Kan.

WANTED—A No. 1 coon and skunk dog. F. B. C., care Farmers Mail and Breeze.

HOUNDS that catch the game. Send 2 ct. stamp for prices. Rash Bros., Centerville, Kan.

FOR SALE—One half hound good on coons, opossum, skunk, squirrel. Price \$25.00. P. O. Box 146, Council Grove, Kan.

FOR SALE.

CARNEAU PIGEONS. J. E. Frampton, Lamar, Mo.

FOR SALE—Small gasoline tractor. S. B. Vaughan, Newton, Kan.

50,000 HEDGE posts for sale in car lots. W. H. Bitts, Melvern, Kan.

LONG GREEN LEAF TOBACCO. Old crop. 20c hundred pounds delivered. True Cutler, Holt, Mo.

FOR SALE—Threshing outfit in first class condition. Separator new, cheap if taken soon. Edward Antene, Ada, Kan.

HART-PARR tractor in good repair and shows for sale. Price very reasonable. Or would trade for horses or cattle. Anton Kejr, Dorrance, Kan.

FOR SALE—10 new vacuum cleaners. Bought from bankrupt stocks. They are worth \$10.00 each. My price \$4.90. Address F. L. Wood, Fairbury, Nebr.

160 A. 90 broke, 35 alfalfa land, orchard, 7 room house, barn, cellar, outbuilding and cistern. 2 springs, hedge fences, \$5,600. \$2,500 down, rest easy terms. H. H. Hooker, owner, Atlanta, Kan.

TOPEKA RESIDENCE, 8 rooms, barn, close to school, paved street, on car line, desirable residence portion. Equity \$4,500, will take larger part clear land. Jno. T. Chaney & Co., Topeka, Kan.

FOR SALE—Good clean hardware stock in town of 800 population. Stock will invoice about \$4,000.00. Sales will average about \$16,000.00 a year. Good reasons for selling. B., care Mail and Breeze.

FOR SALE—One Pilot 35 light capacity Eagle acetylene generator, new, at wholesale cost. Buy this and save dealer's profit. Light your home for the winter. Write for further information today. J. Oscar Smith, Moberly, Mo.

MOTORCYCLES—Any make rebuilt, from \$25 up. Motorcycle tires, \$3 up. New motorcycles at factory prices. Buy direct. Save dealers' profit. Write for catalog. Deninger Cycle Co., Rochester, N. Y.

LOUISIANA PURE SUGAR CANE SYRUP. Put up at the mill without any glucose or any Sulphur-Di Oxide. 6 one gallon pails at \$4.00. 27 gallons 1/2 barrel \$13.00. 54 gallons, whole barrels at \$25.00. Above is freight paid to your railroad station. We pay the freight. Mary & Tuma, Washington, La.

FOR SALE OR EXCHANGE.

COLORADO SPRINGS residence to exchange for land; what have you? Please give full particulars. S. R. Slocum, Colorado Springs, Colo.

TO EXCHANGE—My residence in Kensington, Kan., for stock of groceries, shoes or small stock of gen. mdse. up to \$2,500.00. F. C. Nielson, Blackwell, Okla.

FOR SALE OR EXCHANGE—General store and meat market with store room and 7 room residence. Doing good business, will trade for farm in Kansas or Mo. if priced right. Give description and price in first letter. Address Box 134, Derby, Kan.

LANDS.

80 A. FARM partly improved. \$7 per a. Terms. J. E. Everett, Forsyth, Mo.

FOR SALE—Three 80 acre improved farms close to this city. J. H. King, Cawker City, Kan.

160 ACRES, 100 cult., 30 bottom, one mile town, \$22.00 acre. Box 667, Weatherford, Okla.

80 A. MOSTLY BOTTOM, \$3,000, 160 a. half bottom, \$40 a. Bargains. Hazlett Realty, Longton, Kansas.

LANDS.

80 ACRES Chickasaw valley land for sale. Good market, excellent schools, churches. James Lee, Milan, Kan.

EXCHANGE improved 40 acre farm, north-east Okla. for quarter western Kansas land. Salina Investment Co., Salina, Kan.

WANTED—To trade good Okla. farm, 3 miles from good railroad town, for hardware. Write L., care Mail and Breeze.

\$200 BUYS 10 acre poultry farm with bungalow, \$10 down, \$5 a month. Minton Land Co., Sheldley Bldg., Kansas City, Mo.

PRATT CITY property. Block ground, well improved. Will sell or trade for cheap land or livestock. W. L. King, Pratt, Kan.

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

FOR SALE—Improved corn, alfalfa and stock farms, \$50 to \$75 per acre, southeastern Kansas. Write for list. J. K. Beatty, Coffeyville, Kansas.

FOR SALE BY OWNER—A well improved 80 acre bottom farm near Tonkawa, Kay Co., Oklahoma. Address P. O. Box 56, Tonkawa, Oklahoma.

SACRIFICE SALE—Twenty section Pecos Valley ranch. Six thousand acres owned. Part irrigable. Receiver demands sale. Big bargain. Wood, Abilene, Texas.

NO COMMISSION—Sell or trade your farm, city property or business quick. Save time and money. Inclose stamp. W. C. Schiede, Sliam Springs, Ark.

FOR SALE—160 acres, 5 miles of Grantville, Jefferson county, 65 acres in wheat. For terms and particulars address Wm. Thomas, Meriden, Kan., Rt. No. 1.

230 ACRES, St. Clair county, Missouri. 1/2 bottom in cultivation. Price seven thousand dollars, one thousand dollars down. Altman Bros., Olathe, Kan., Rt. No. 6.

FINE eighty a. two miles from Delta, Colo., the county seat; fine fruit, sugar beet and alfalfa land; irrigated by Gunnison Tunnel; at sacrifice price. B. F. Rape, Taft, Calif.

RAISE paying grapefruit and orange groves on high fruit lands in "Famous Frost-proof Lake Region." Easy terms. Write owners for particulars. Ohlinger & Alfield, Frostproof, Florida.

400 ACRES grass land 2 1/2 miles Hill City, Graham county, Kansas. 25 acres suitable for alfalfa. Fenced, watered with springs. Must sell by January 1st. \$12.00 acre. Ray Law, Hill City, Kansas.

FOR SALE—320 acres improved level land in Meade Co., Kan. Four miles to Meade. 260 acres wheat, 1/4 to purchaser; 60 acres pasture. Price \$35.00 acre; terms. Address owner, Box 354, Meade, Kan.

SUNNY TENNESSEE. Improved farms, ideal climate. 65 acres \$650, 91 acres \$1,800, 265 acres \$3,000, 120 acres \$1,000. Schools, churches, telephones, rural routes. Free list. Jenkins & Son, Huntington, Tenn.

BIG BARGAIN for sale by owner. Muskogee Co., Okla., 100 acres bottom farm, close railroad, surrounded by alfalfa farms; all in cultivation, no trade, \$7,500.00. M. J. Rimel, 608 North "E" St., Muskogee, Okla.

FOR SALE—One 80 acre farm in Ark., joining the Oklahoma line. Also 100 acres of unimproved land in Adair county, Okla., for \$1,150.00. One-half cash, balance in one year. Address Geo. E. Gilmore, Stilwell, Okla.

FOR SALE—Quarter section good level land, good well, windmill, small house, all fenced, only 12 miles from good town on main line of Santa Fe R. R. \$10 per acre; \$800 down, balance long time at 5%. S. W., Box 166, Syracuse, Kan.

A BARGAIN—Good residence property, 7 room house, 3 a. bottom land, windmill, barn, chicken house, fenced chicken tight, cross fences, native timber. For picture and further particulars address M. C. Bessey, Codell, Kan.

WANT LARGE, general purpose farm from owner in trade for new 12 apartment flat, every apartment new leased; built of vitrified brick, stone trimming; steam heat; electricity; baths; laundry; on boulevard; 4 blocks from new Union Station. Mrs. Abell, Dwight Bldg., Kansas City, Mo.

FARMS FOR SALE. We offer big bargains in improved Illinois, Iowa, Missouri, Kansas and Colorado farms. Will consider smaller farms, merchandise or income property in part payment for some of them. Write for particulars and describe fully what you have. Northern Iowa Land Co., Independence, Iowa.

FOR SALE TO SETTLE ESTATE—103 acres, 70 good cultivating land, bal. pasture and timber, improvements fair. Price \$5,200. 273 a., 210 good cultivating land, balance pasture. Two dwellings, barns, cribs, etc., in fair repair. Price \$15,000. 270 acres, 225 cultivating land, bal. in pasture and timber. Improvements fair. Price \$15,000. 40 acres, 15 cultivating land, small improvements. Price \$1,500. This is a fine place for chickens. The above farms are 3 1/2 miles from Neodesha and 5 miles from Altoona, Kans. The cultivating land is mostly good alfalfa land, there is now 250 a. wheat growing on it. Address J. T. Cooper, Altoona, Kansas.

WANTED.

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

FARMS FOR SALE.

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

HOMESTEADS.

COMPLETE information how and where to get homestead land, prairie or timbered. 50c money order. Roy Atkinson, Elkton, Colo.

FARM WANTED.

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

FARM WANTED, to work for half increase of stock or ready stocked farm to work on shares. J. L. Wampler, Larned, Kan., R. R. No. 2.

SEEDS AND NURSERIES.

WANTED—You to send for our free fruit book now, at wholesale prices. Address Wichita Nursery, Box B, Wichita, Kan.

WE SELL fancy onions and potatoes 75 cents bushel. Sweet potatoes 90. Cabbage dollar cwt. Alfalfa honey \$3.50 24 rack cases. We pay 14 for turkeys, 10 for springs and heavy hens, broilers 14. Coops loaned free. Write us. Cope's Sales System, Topeka, Kan.

HELP WANTED.

MAN AND WIFE on farm, good home to right parties. H. L. Harvey, Kincaid, Kans.

GOVERNMENT FARMERS WANTED—\$60 to \$75 monthly. Free living quarters. Write Ozment, 38 F. St. Louis.

UNCLE SAM NEEDS STENOGRAPHERS. I will teach you by mail. Twelve years as Government stenographer enables me to properly train my pupils for Civil Service examination. Instruction based on actual experience. Address Harold Gibson, 1010 Paseo, Kansas City, Mo.

GOVERNMENT POSITIONS OPEN TO men and women. \$90.00 month. Annual vacations. Short hours. No "layoffs." Parcels post means thousands of Postal appointments. "Pull" unnecessary. Farmers eligible. Write immediately for free list of positions. Franklin Institute, Dept. J 54, Rochester, N. Y.

MALE HELP WANTED.

\$75.00 MONTH paid Railway Mail Clerks. Examinations coming. Preparation free. Franklin Institute, Dept. J 54, Rochester, N. Y.

WANTED—Railway Mail, Customs, Internal Revenue, and Postal Clerks. Examinations soon. Prepare now. Trial Lesson Free. Write Ozment, 38 St. Louis.

PARCELS POST means thousands Railway mail clerks needed. \$75.00 month commencing. Write for list positions open. Franklin Institute, Dept. J 54, Rochester, N. Y.

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

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

SALESMEN WANTED—In every county in Arkansas, Colorado, Illinois, Missouri, Kansas, Nebraska and Oklahoma. We grow the stock that will get and hold the trade. We pay cash each week, and furnish outfit free. Let us explain our proposition to you. Ince Nursery Co., Lawrence, Kansas.

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.

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

HONEY.

CALIFORNIA HONEY sample 10c. Leaflet free quoting prices freight prepaid. Agents wanted. Spencer Apiaries Co., Box 182, Nordhoff, Calif.

AUCTIONEERS.

HAVE sold livestock, farm and real estate sales in 41 Kansas counties. Want to sell for you. Advice free. Write today. John D. Snyder, auctioneer, Hutchinson, Kan.

AGENTS WANTED.

AGENTS to sell nursery stock. Good reference required. Good wages paid. Nurseries, Desk B 2181 N. Lawrence, Wichita, Kan.

AGENTS WANTED, exclusive territory, goods that sell in every home, sample free. G. C. Baldwin, 2340 So. 34th St., Omaha, Neb.

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

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

AGENTS—Would you take a steady job starting right away, earning \$30 a week with chance of promotion to position of district manager at three thousand dollars yearly. No experience required. My line is snappy, self-sellers that make and hold customers. Need seventy-five more salesmen. If you want to make big money quick write me today. E. M. Davis, 1052 Davis Block, Chicago.

SALESMEN WANTED.

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.

PATENTS.

PATENTS obtained for \$25. Booklet free. Harry Patton, 360 McGill Bldg., Washington, D. C.

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

IDEAS WANTED—Manufacturers are writing for patents procured through me. 3 books with list 200 inventions wanted sent free. Advice free. I get patent or no fee. R. B. Owen, 34 Owen Bldg., Washington, D. C.

FENCE POSTS.

RED CEDAR. The kind that lasts. Shipped in car-lots or mixed with lumber. Write for freight paid prices. Keystone Lumber Company, Tacoma, Wash.

MISCELLANEOUS.

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

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

BAD DEBTS collected on commission. Bank reference. Established in this city 1889. N. S. Martin & Co., Arkansas City, Kas.

POULTRY SUPPLIES. Send us a postal for our big catalogue of poultry supplies. Garden seeds free with every request for the catalogue. The Western Seed House, Salina, Kan.

\$250.00 PAID for distributing 2,000 free packages Perfumed Soap Powder in your town. Reliable men or women. No money required. M. B. Ward & Co., 1770 Berteau Ave., Chicago.

OREGON ALMANAC FREE—144 pages. Official publication of the Oregon State Immigration Commission. Complete and authentic information on every county of Oregon, its farms, climate, and opportunities. Special questions answered with painstaking detail. Portland Commercial Club, Room 700, Portland, Ore.

BIG WESTERN WEEKLY 6 MONTHS 10c—Biggest and best general weekly published in the west. Interesting and instructive departments for young and old. Tells about opportunities in the west for ambitious men. Special offer, 6 months' trial subscription—26 big issues—10c. Address Weekly Capital, Department W. A. 12, Topeka, Kansas.

WONDER CLOTH—The newest and best thing yet discovered, works like magic, sells like lightning. Our agents making from \$3.00 to \$5.00 regularly, experience not necessary, sells itself wherever it is shown. Send 25c for sample and we will mail same with receipt for your money back with first order. Clay W. Prewett, Gen. Distributing Agt., 327 E. Commercial St., Springfield, Mo.

Aid For Buyer and Seller

If you have as much as a car of corn to sell, or if you want to buy a car or two of corn or alfalfa, write to Manhattan. The Agricultural college neither buys nor sells but it will act as a free agent for both producer and buyer.

Don't sell your eye bags without first asking the Fredonia Linseed Oil Works, Fredonia, Kansas, for prices.—Adv.

MARKET PROBABILITIES

Depressing Effect of Heavy Cattle Receipts Last Week Still in Evidence at Markets—Not Much Christmas Beef in Sight—Packers Still Fighting 8-Cent Hogs But Prices Are Expected to Top That Figure Soon—Rise in Sheep Expected

[Written Specially for the Farmers Mail and Breeze.]

With receipts of cattle at western markets Monday short of the same day last week the trade was still depressed on account of the big supply in Chicago last week. Prices at all points were quoted weak. Nothing showed up in the Christmas line and no very high sales were reported at any market. Stocker and feeder trade took on renewed vigor as the result of light receipts.

A bear factor in the cattle market a month to six weeks ago is turning into bull sentiment. A month to six weeks ago it was the general opinion that the large amount of feed available in all sections of the country would cause large feeding operations and heavy marketing of cattle in the two months period following the holidays. Accepting this theory as practically an established fact many feeders hastened to get a grain fill into their cattle and ship them to market. At the same time the weather continued for holding cattle on grass, and with market prices high pasturesmen marketed their cattle instead of turning them to feed as was contemplated a month to six weeks ago. It is quite evident therefore that the present supply is being maintained at the expense of future receipts, and it now looks as though January to April will uncover nothing large in the supply hand. It is also evident that the surplus grain available will make feeders anxious to get half fat steers, and their ability to do so will be the only condition that will weaken prices later. Eastern Colorado and the Panhandle are marketing freely now. Illinois, Iowa and Eastern Missouri had the principal part of 75,000 cattle in Chicago last week, and most of them were short fed steers. Prices there broke 25 to 50, but that is expected during International show week. At river markets only moderate declines occurred and but for the weakening influence of Chicago's big supply there would have been an improved market. Chicago and Eastern dealers gathered in a fairly large supply of Christmas beefs last week but offerings of that class will not appear at river markets until next week. Few however, will be available as prices have been high and not many feeders could withstand the temptation of high prices long enough to get the cattle in prime condition.

Butcher Cattle Prices Still Firm.

Demand for butcher cattle continues as broad as at any previous time this year and prices are holding firm. In some cases Eastern Colorado and Panhandle cows brought higher prices, but that class is scarce and final shipments are being made. Some sold at \$6 to \$6.25 for cows and \$6.50 to \$7.25 for heifers. The range in prices for grass cows is \$3.50 to \$6.50 and heifers \$4 to \$7.50. Fed heifers are quoted at \$7.50 to \$9.50, and several bunches made the last named price last week. Some fancy tidy weight heifers would bring \$9.75 to \$10. No large supply of fed steers is available for this winter and prices are expected to continue high. Wheat fields are supplying excellent winter pasturage and some are being marketed off of that green feed. Veal calves continue in active demand, with only slight change in prices. Bulls and stags are bringing firm prices.

Higher Stocker and Feeder Prices.

As the final rounds of stockers and feeders are being shipped to the country, prices show a stronger tendency. Owing to the high prices that have prevailed all season many countrymen put off buying as long as possible and now prices are as high as any time previously, and the supply is small. All sections of the country want supplies. The heavy grades are going East and the higher weight kinds West. Sections of the West that at this time last year were bare of feed have enough roughness to carry several times as many cattle as they possess.

Hog Prices Within Narrow Range.

Hog prices were quoted up 5 to 10 cents the first of the week as the result of an active demand. The top price in St. Louis and Kansas City was \$7.90, Chicago and St. Joseph \$7.85, and Omaha \$7.75. Hog prices last week held within a narrow range and did not exceed their extreme of preceding weeks except in Chicago. In Chicago Wednesday, prices were the lowest for some time past and later did not rally as strongly late in the week as other markets. The main feature however was that prices at river markets were as high or higher than in Chicago. Chicago reported the largest supplies of the season, and while receipts at river markets were heavier than the preceding week they were not excessive. The fact that prices held within a narrow range was evidence of a strong demand. Packers are still making a fight against paying 8 cents at markets, but traders believe that better than that will be paid in the next few weeks. The quality of the hogs coming is good but weight

is not as heavy as expected showing that farmers are marketing early. Those who a few weeks ago predicted liberal receipts after the first of the year say that the run in the first three months of 1913 will be 20 per cent short of the same period in 1912.

Active Demand for Sheep.

Sheep were in strong demand all last week and while prices did not take on a much higher range the market was 25 cents higher, quality considered. Some fed lambs at \$7.75, and fed yearlings up to \$6.40 were the new offerings and indicate that the movement of fed sheep and lambs is getting started. Prices are expected to rule higher in the next two weeks but traders do not expect a sharp rise until after the first of the year. Many feeders are expecting lambs to bring \$8 to \$8.75 in January and so with Easter falling on March 23 an early marketing period is predicted. Grass fat sheep have been marketed closely and feed lots contain smaller supplies now than a year ago, and a much larger supply of feed to care for them. A few thin lambs and sheep are still available at markets for feeding purposes but the run is practically over. The best feeder buyers can expect from now on is a few odd bunches of half fat grades.

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	45,700	74,425	22,500
Chicago	71,100	186,000	152,500
Omaha	23,800	68,800	44,800
St. Louis	37,850	67,000	17,500
St. Joseph	8,800	42,500	12,500
Total	186,750	438,725	249,800
Preceding week	142,650	320,800	219,925
Year ago	140,410	426,200	256,250

The following table shows receipts of cattle, hogs and sheep at the five western markets Monday, Dec. 9, with comparison in totals the preceding Monday and a year ago.

	Cattle	Hogs	Sheep
Kansas City	16,500	9,000	10,000
Chicago	22,000	35,000	40,000
Omaha	5,200	7,300	10,000
St. Louis	9,500	14,000	4,000
St. Joseph	1,900	7,000	1,200
Total	55,100	72,300	65,200
Preceding week	73,700	91,800	79,000
Year ago	59,500	83,000	68,100

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

	Cattle	Hogs	Sheep
Per 100 lbs.	1912 1911	1912 1911	1912 1911
Chicago	\$10.75 \$9.15	\$7.85 \$6.40	\$6.35 \$5.60
Kan. City	10.75 9.00	7.90 6.30	6.50 5.00

Horse and Mule Trade Spotted.

Demand for horses and mules in the past week was uneven and came with considerable uncertainty. In many cases dealers quoted prices off \$5 to \$10 a head lower. The main thing that is restricting demand is the nearness of the holiday season, and dealers are advising shippers of the approaching dull season. It will be after the first of the year before demand broadens. Last week receipts were moderate, except St. Louis where a liberal movement south was expected.

Grain Higher; Hay Lower.

Wheat, corn and oats were quoted up 1/2 to 2 cents a bushel this week owing to small receipts. In the past two weeks prices have been so low that countrymen showed no disposition to ship. In many places 35 cents a bushel is the prevailing quotation for corn, but at that price farmers are not selling. Prairie hay was quoted down 50 cents to \$1 a ton, and clover hay in some cases was higher. Receipts continued liberal, and most of the offerings cleared slowly.

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

	Kansas City	St. Louis
Wheat—		
Hard No. 2...	\$.84 @ .87	\$.86 @ .88
Soft No. 2....	\$.97 1/2 @ 1.00	1.00 @ 1.03
Corn—		
White No. 2..	.45 @ .45 1/2	.46 1/2 @ .47
Mixed corn..	.45 1/2 @ .46	.46 @ .46 1/2
Oats—		
No. 2 white...	\$.34 @ .34 1/2	\$.34 @ .35
No. 2 mixed...	\$.32 1/2 @ .33	\$.32 1/2 @ .33 1/2

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

	Wheat	Corn	Oats
	1912 1911	1912 1911	1912 1911
Chicago	\$1.03 \$1.07	47 59 1/2	35 48 1/2
Kan. City	1.00 1.02	47 62	35 49

Kansas City Hay Quotations.

Prairie, choice	\$11.00 @ 11.50
Prairie, No. 1	9.50 @ 10.50
Prairie, No. 2	8.00 @ 9.00
Prairie, No. 3	6.00 @ 8.00
Timothy, choice	13.00 @ 13.50
Timothy, No. 1	11.50 @ 12.50
Timothy, No. 2	8.50 @ 11.00
Timothy, No. 3	5.50 @ 8.00
Clover mixed, choice	12.50 @ 13.00
Clover mixed, No. 1	11.00 @ 12.00
Clover mixed, No. 2	9.00 @ 10.50
Clover, choice	12.50 @ 13.00
Clover, No. 1	11.50 @ 12.00
Clover, No. 2	10.00 @ 11.00
Alfalfa, choice	16.00 @ 16.50
Alfalfa, No. 1	14.50 @ 15.50
Alfalfa, No. 2	11.50 @ 13.50
Alfalfa, No. 3	8.00 @ 10.50
Straw	5.50 @ 6.00
Packing hay	5.90 @ 5.50

Seeds.

Kafir corn, No. 2 white, 82 @ 83c a cwt.; No. 3 white, 82 @ 83c a cwt.; alfalfa, \$9 @ 12 a cwt.; flaxseed, \$1.06 a bushel; timothy, \$1.50 @ 1.75 a bushel; cane seed, 90c @ \$1.00; millet seed, 95c @ \$1.15.

Weather Affects Broom Corn Trade.

The rains and cold weather several days last week prevented a very big movement of broomcorn. The few sales reported were about at the same range as in preceding weeks. Growers however, are showing a disposition to weaken to buyer's bids. Considerable amount of this year's crop is reported in warehouses. Choice, green selfworking corn is quoted at \$90 to \$100 a ton; fair to good selfworking \$55 to \$85 a ton; common to fair \$30 to \$50 a ton.

Live Stock in Kansas City.

The following table shows the range in prices of hogs last week and in the preceding week:

	Last week	Preceding wk.
Monday	\$7.50 @ 7.82 1/2	\$7.40 @ 7.77 1/2
Tuesday	7.45 @ 7.80	7.50 @ 7.80
Wednesday	7.40 @ 7.75	7.45 @ 7.75
Thursday	7.50 @ 7.80	Holiday
Friday	7.50 @ 7.85	7.50 @ 7.80
Saturday	7.50 @ 7.80	7.55 @ 7.90

Several large bunches of lambs last week sold at \$7.75 and yearlings at \$6.40, the highest prices this season. Prices were quoted 15 to 25 cents higher. Lambs are quoted at \$7 to \$7.75, yearlings \$5 to \$6.40, ewes \$4 to \$4.50, and wethers \$4 to \$4.85.

The following table shows receipts of cattle, hogs and sheep in Kansas City thus far this year and the same period in 1911:

	1912	1911	Inc.	Dec.
Cattle	1,816,371	2,034,948	218,577	
Calves	132,835	238,868	46,033	
Hogs	2,357,723	2,952,064	600,341	
Sheep	2,048,247	2,777,694	29,447	
H. & M.	69,098	81,067	11,969	
Cars	114,273	133,830	19,557	

Butter, Eggs and Poultry.

Elgin, Dec. 9.—Butter this week is firm at 35 cents.

Kansas City, Dec. 9.—Prices this week on produce are:
Eggs—Firsts, new white wood cases included, 24 @ 25c a doz; seconds, 16 @ 17c.
Butter—Creamery, extras, 34 1/2 @ 35c a lb.; firsts, 32 @ 32 1/2c; seconds, 30 @ 30 1/2c; packing stock, 21 @ 21 1/2c.
Live Poultry—Broilers, 15 @ 16c a lb.; spring chickens, 11 @ 12c; hens, 11 @ 12c; young roosters, 9c; old roosters, 8c; young turkeys and turkey hens, 15 @ 16c; old toms, 14 @ 15c; cull turkeys, 10c; ducks, 12c; geese, 9 @ 10c; pigeons, 75c a doz.

Produce Prices Now and One Year Ago.

	Butter		Eggs		Hens	
	1912	1911	1912	1911	1912	1911
Chicago	35	35	25	30	12	11
Kan. City	35	35	35	32	12	9

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65 Head German Coach Horses, with Size, Beauty and Action

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Imported Stallions: Percheron, Shire, Belgian

Each year we show our New Importation the same Month they land. Each year they win more than all other Exhibitors combined. At the American Royal this year, we won 2nd on 4-year-old Percheron, 1st, 3rd and 4th on 3-year-old, 1st and 3rd on 2-year-old, and 1st and Champion Group of Five Stallions. Our Horses are Handsome and the best to buy; Our Guarantee and Insurance the very best.

PERCHERON IMPORTING CO., Chas. R. Kirk, South St. Joseph, Mo.

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FOR SALE: 5 imported Percheron stallions 4 to 6 yrs. old and all tried and regular breeders. Can show colts. Weight 1800 to 2200 lbs., one Morgan stallion 7 yrs. old. Ten head large black jacks two to seven yrs. old. All broke. Good performers. Can show colts and mares in foal. 10 head big black jennets all bred to our imported jack. Prices reasonable. Our horses and jacks were shown at the Hutchinson State Fair this year in six different classes and won in every class. Write or come to farm 4 miles from Raymond or Chase.

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All Imported, both PERCHERONS and BELGIANS. Last importation arrived Sept. 1st. The selects of both countries. I buy my own horses. All sound, big, flat boned. Ages, two and three years. Prices reasonable. Perfect guarantee goes with each horse and for two years at that.

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Stud headed by the champion, Casino 27830 (45462.)

Stallions and Mares, all ages for sale.

Importation of 40 head landed at the farm September 23; 30 head more landed here October 20. All are for sale.

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Bishop Brothers have 50 big boned stallions that weigh 1,700 to 2,100 pounds that they can and will sell for less money than any firm in the business. We have them to sell. Write us.

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120 Head to Select from

Our Stallions and mares are strong and massive, with great quality, style and conformation, with splendid color and dispositions. They are selected with an eye single to the wants of the most critical American buyers, and we can sell them for less money than any one in the business, quality considered. The stallions will go into any community and command the best mares, command the men who are the best pay and who take the best care of their stock. Let us know your wants. We can suit you in both price and quality.

L. R. WILEY, Emporia, Kan.

Lamer's Percheron Sale

Salina, Kan., Friday, Dec. 27, 1912

We will sell at Salina, Kansas, on Friday, December 27, 1912, Fifty-seven (57) head of imported and home-grown Mares and Stallions, consisting of:

24 Mares, 2 to 5 years old, in foal

7 "Yearling" Mares

12 "Suckling Colts"

10 Stallions, 2 to 5 years old

3 "Yearling" Stallions

1 Imported Hackney Stallion



This consignment of horses was very carefully selected by me during the past summer and I can say, without the least hesitancy, that they are as good, or better, a lot as will be offered at public auction this winter.

Our aged mares are all in foal by the best Stallions in the country and I can assure you that I bought only the kind that would build up a reputation for myself and establish a foundation of a family of horses.

We also have 40 Percheron and Belgian Stallions in the stables,—from 2 to 5 years old, weighing from 1,700 to 2,100 pounds,—that we are offering at private sale.

Date of Sale December 27, 1912. Write for Catalogue.

P. S.—On the following day, Saturday, December 28, 1912, we will sell 100 head of grade farm mares and mules

C. W. LAMER & CO., Salina, Kan.

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

- A. B. Hunter, Kansas and Oklahoma, 410 East Williams street, Wichita, Kan.
- J. W. Johnson, 820 Lincoln St., Topeka, Kan., Kansas and Nebraska.
- C. H. Walker, Kansas, Missouri and Nebraska, 3632 Flora Ave., Kansas City, Mo.
- Geo. W. Berry, E. Kansas and southern Missouri, Capper Bldg., Topeka, Kan.
- H. W. Graham, Iowa and Illinois, Chilli-cothe, Mo.
- E. R. Dorsey, Girard, Kan.

PUREBRED STOCK SALES.

Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

Combination Sale.

Feb. 12-13-14—L. E. Wooderson, Mgr., Caldwell, Kan.

Percheron Horses.

Dec. 17—Lee Brothers, Harveyville, Kan., at Manhattan, Kans.
Dec. 19—J. C. Robison, Towanda, Kan.
Feb. 20—The Knuckles Co., (Nebr.) Horse Breeders' Assn., Percy Baird, Sec., at Lincoln.

Jacks and Jennets.

Feb. 6—Limerick & Bradford, Columbia, Mo.

Poland China Hogs.

- Jan. 17—S. A. Roberts, Knoxville, Ia.
- Jan. 21—Peter Ellerbrook Est., Sheldon, Ia.
- Jan. 22—E. Gritters, Hull, Ia.
- Jan. 30—C. W. Jones, Solomon, Kan.
- Feb. 5—J. L. Griffiths, Riley, Kan.
- Feb. 5—Williams Bros., Villisca, Iowa.
- Feb. 7—W. Fessenmeyer, Clarinda, Ia.
- Feb. 7—Olivier & Sons, Danville, Kan.
- Feb. 7—J. O. James, Bradyville, Ia.
- Feb. 12—T. J. Melsner, Sabatha, Kan.
- Feb. 14—H. B. Walter, Effingham, Kan.
- Feb. 15—Thos. F. Walker & Son, Alexandria, Neb.
- Feb. 18—J. H. Harter, Westmoreland, Kan.
- Feb. 21—R. W. Halford, Manning, Ia.
- Feb. 22—C. L. Branich, Hiawatha, Kan.
- Feb. 22—C. C. Ingram, Bloomington, Neb.
- Feb. 25—Deming Ranch, Oswego, Kan.
- Feb. 26—J. W. Pfander & Sons, Clarinda, Ia.
- Feb. 26—L. R. McClarnon, Bradyville, Ia.

Duroc-Jersey Hogs.

- Jan. 8—Munsell & Isenberg, Herington, Kan.
- Jan. 16—H. B. Miner, Guide Rock, Nebr.
- Jan. 16—F. C. Crocker, Filley, Neb.
- Jan. 22—Thompson Bros., Garrison, Kan.
- Jan. 24—John Higgins, Abilene, Kan.
- Jan. 29—W. E. Monasmith, Formoso, Kan.
- Jan. 30—Leon Carter, Asherville, Kan.
- Jan. 31—W. H. Seddon, Persia, Ia.
- Feb. 1—Geo. P. Philippi, Lebanon, Kan., at Ebon, Kan.
- Feb. 4—J. O. Hunt, Marysville, Kan.
- Feb. 5—Mosier & Pitzwater, Goff, Kan.
- Feb. 5—Samuelson Bros., Cleburne, Kan.
- Feb. 6—Samuelson Bros., Blaine, Kan.
- Feb. 5—Mosier & Pitzwater, Goff, Kan.
- Feb. 7—Agricultural College, Manhattan, Kan.
- Feb. 7—A. T. Cross, Guide Rock, Neb.
- Feb. 8—Hammond & Buskirk, Newton, Kan.
- Feb. 8—Geo. E. Garrett, Bloomington, Neb.
- Feb. 11—H. H. Shaw, Hebron, Neb.
- Feb. 19—E. M. Myers, Burr Oak, Kan.
- Feb. 19—Geo. W. Schwab, Clay Center, Nebr.
- Feb. 20—Rinehart & Son, Smith Center, Kan.
- Feb. 21—W. C. Whitney, Agra, Kan.

Berkshire Hogs.

Feb. 7—Agricultural College, Manhattan, Kan.

O. I. C. Swine.

Feb. 6—H. L. Bode, Friend, Neb.
Feb. 7—Chas. H. Murray, Friend, Neb.

Hampshire Hogs.

Jan. 23—T. W. Lavelock, Princeton, Kan.

Polled Durham Cattle.

Jan. 2—Achenbach Bros., Washington, Kan.

Holsteins.

Feb. 4—Rock Brook Farm, Omaha, Neb.

Herefords.

Jan. 13—Ben Anderson, Knox City, Mo.
Feb. 26—Warren T. McCray, Kentland, Ind.

Home Herds at International

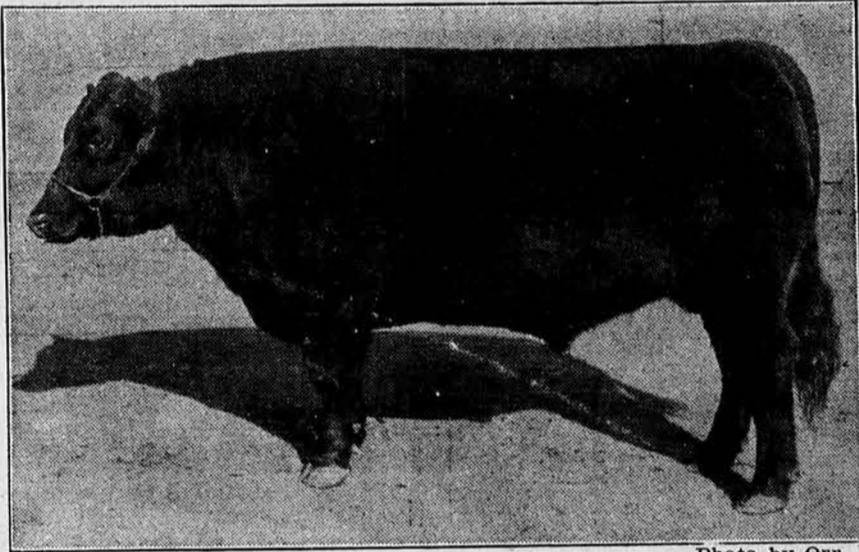
Fairfax 16th, the 3-year-old Hereford bull, owned by J. P. Cudahy, of Kansas City, last week was awarded the grand championship at the International Stock Show. Repeater 7th., a senior bull calf, owned by O. Harris of Harris, Mo., was pitted against him.

Robert H. Hazlett's was the only Hereford herd from Kansas. He won first with the purebred steer, Blanco; fifth on aged bull, Beau Sturgess 2d; second on senior yearling bull, Bonnie Lad 26th; third on junior yearling bull, Bocaldo; fifth and tenth on senior bull calves, Beau Baltimore and Beau Kansas; seventh on aged cow, Sin-fa, and seventh on 2-year-old heifer, Bloss 4th.

Among the other exhibitors from Kansas, were S. M. Croft & Son, Bluff City, with Galloway cattle and the Kansas Agricultural college with steers, sheep and fat hogs. James Tomson of Carbon-

dale, Kan., did the judging of the Shorthorn classes and Prof. W. A. Cochel, of Manhattan, the Berkshire swine.

The winnings of Croft & Son were: second on aged bull, Gentleman Frank; third on 2-year-old bull, Fuzzie Signet; second on junior yearling bull, Midnight Signet; third on junior bull calf, Midnight Signet 2d; second on aged cow, Florence of Meadow Lawn; fourth on 2-year-old heifer, Meadow Lawn Sonsie; third on senior yearling heifer, Miss Gertrude; fourth on junior yearling heifer, Lady Russell; third on senior heifer calf, Ethel of Greenbush; third and fourth on junior heifer calves, Ollie of Greenbush and Gretchen of B. C. In the herd prizes



Kansas Angus steer, Insurgent Envoy, winner of Reserve championship and first in class at the 1912 International, Kansas Agricultural college exhibitor.

they won fourth with aged herd; third on young herd; and fifth on get of sire.

In the steer show, Kansas Agricultural college won first in 2-year-old class and the reserve championship with the Angus steer Insurgent Envoy, and fourth on steer herd of three head. In sheep the college won first and championship in the yearling wether class, third on pen of five yearling wethers; in swine first and second on Duroc-Jersey barrow junior pigs, first on senior pig.

In the annual stock judging contest between agricultural college students at the International, the Iowa team made off with first money. The Kansas boys from Manhattan were second, the Missouri team third. Eleven colleges participated. The Kansas students ranked first in judging sheep, second in horses, third in cattle, seventh in hogs. Among the 50 men in the contest, R. O. Swanson, a Kansas student, made third place in individual judging.

Kansas and Oklahoma.

BY A. B. HUNTER.

D. D. Walker, Dill, Okla., whose Duroc sale was Dec. 5th, did not sell quite all of the offering. The crowd seemed supplied before the offering was consumed. If you want bargains in purebred Durocs write Mr. Walker your wants.

Best Herd In Southwest.

Do you want a good purebred Shorthorn bull or a few good heifers, anything in the line of Shorthorn breeding stock? If so read H. C. Lookabaugh's ad in this issue offering you selections from his herd of over 200 head. This is not only the largest, but one of the best herds of purebred Shorthorns in the Southwest. They are priced so you can afford them. Write or call soon. Please mention Farmers Mail and Breeze.

Mathews Registered Herefords.

Fred Mathews & Sons, Kinsley, Kansas, own one of the good herds of Herefords in this state. They have kept at the head of their herd the best bred bulls that money would buy. They are offering at this time 36 bulls, 9 to 21 months old and 20 early spring heifer calves. There never has been a time when indications pointed to better business for cattlemen than the present. Every farmer ought to have a few good cattle of some well established beef producing breed. For the production of beef there is none better than the Hereford. Mathews and Sons will make close prices on their bulls and heifers. Write them and mention Mail and Breeze.

Good Place to Buy Durocs.

Few, if any, Duroc-Jersey herds in Kansas are as well known as the Tatarax herd. This herd is owned by Geo. M. Hammond and C. L. Buskirk. Mr. Hammond needs no introduction; he has demonstrated his abil-

ity as a breeder by the ribbons his hogs have won at the leading shows and the popularity of his breeding stock which is shown by the demand of his patrons throughout the state. Mr. Buskirk, the junior member of the firm, gives the business his full time and will be glad to entertain visitors at all times or answer all mail inquiries. I wish to call especial attention at this time to the bred sows and gilts of this herd. They are bred to produce winners and are the kind that produce large even litters. They are priced for quick sale. They are pricing spring boars and gilts in pairs and trios unrelated. Here is a cheap way to get started in the purebred hog business and started right. Write today mentioning Farmers Mail and Breeze. Address Hammond & Buskirk, Newton, Kas.

Malone Bros.' Percherons and Jacks.

J. P. and M. H. Malone, Chase, Kan., are offering for sale some of as well bred and as good individual Percheron stallions, imported and home bred and imported and home bred jacks and jennets as you will be able to find in the state. They are making an effort to reduce their stock at present and will price you a ton stallion or an imported or American bred jack at a figure that will be sure to interest you. The Malone Bros. were able to win numerous prizes at the Kansas State Fair, Hutchinson, Kan., this year and they are now willing to make you marked down prices in the hope of quick sales. Read their ad in this issue and write them to meet you at Chase, Kan., or Ray-

mond, Kan., and go and look these bargains over if you really want a stallion or jack. Please mention Farmers Mail and Breeze.

Makes Satisfied Customers.

J. J. Hartman, Elmo, Kan., the well known Poland China breeder at that place, has been enjoying a fine trade this fall and has sold boars in Oklahoma and Colorado and all over Kansas. His advertisement appears regularly in Farmers Mail and Breeze and has for a good while. He says he is getting flattering compliments on the quality of his Polands from all of those to whom he ships and satisfied customers is what has enabled him to build up his business. His herd of Poland Chinas is one of the best in the country and he does business on the square with everyone and deserves the business he is getting. If you want a good boar or anything in the sow line either bred or open writ J. J. Hartman and let him make you prices and describe what he has for sale.

Stock Raising His Business.

One of the real live wires in the fine stock business is Geo. W. Schwab, Clay Center, Nebr. He is a successful breeder of Percherons, Red Poll cattle and Duroc-Jerseys. He devotes all his time to the business and is not doing it by proxy. He owns one of the best improved farms, two miles east of Clay Center, that is to be found in Clay county, which is noted for its fine farms and purebred stock. The writer visited Mr. Schwab last week and found him very busy completing his new residence which is an 18-room modern home that, when completed, will be one of the best homes in the county. It is heated with one of the best heating plants that he could buy and lighted with his own lighting plant that is likewise up-to-date and the best. But we started to tell you about his herds and what he has for sale at the present time. He has a splendid trade for both Red Polls and Duroc-Jerseys and only has three bulls of service-

JACKS AND JENNETS.

BEST MAMMOTH JACKS IN KENTUCKY. We have forty-five of the best, big bone, Mammoth jacks in Kentucky. Visit the Cloverdale Farm and save two or three large profits. Write for circular and testimonials. H. T. BROWN & CO., Box B, Lexington, Ky.

Jacks and Jennets

One of the largest selections of large Black Mammoth Jacks in the West, 15 to 18 hands standard. I have the large kind that all are looking for, the kind that bring the large high-class mule. Reference: the five banks of Lawrence.

AL. E. SMITH, LAWRENCE, KANSAS.

PUREBRED HORSES.

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

Percheron and Belgian Stallions and Mares. Imported and home bred. Easy terms. HART BROS., OSCEOLA, IOWA

FOR SALE OR TRADE 4 Stallions; Percheron, 3 Jacks. Will trade for cattle. KIDD BROTHERS, Route 7, Topeka, 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

STALLIONS and JACKS

Percherons and Belgians, also Mammoth Jacks and Jennets, State Fair winners and all at prices that will move them. Write today describing your wants.

C. F. COOPER
R. 4, Box 4, Hutchinson, Kan.

PERCHERONS BELGIANS SHIRES

ONE OF THE OLDEST AND LARGEST IMPORTERS IN AMERICA



Our horses are big, smooth flat-boned fellows, with great quality style and conformation. Will please the most critical. Prices reasonable. Satisfaction guaranteed. Letters from hundreds of satisfied customers and big illustrated catalog mailed free.

Watson, Woods Bros. & Kelly Co.
BOX 1 LINCOLN, NEB.

Kansas and Nebraska.

BY J. W. JOHNSON.

One of the most enterprising young Duroc-Jersey breeders in southern Nebraska is Geo. E. Garrett, Bloomington, Nebr. The firm name is P. C. Garrett & Son, but George, who is the son, is the manager and is wide awake and capable. February 8 is the date of their bred sow sale and we will have full particulars about the offering in future is-

Belgian and Percheron Stallions and Belgian Mares

Imported and Home-Bred, ELEVEN American Royal Prize Winners. All of our horses have been selected with extreme care as to breeding qualities. Every one sound and fully acclimated. Sold with breeding guarantee and terms to suit and at farmers' prices. Come and see us. Write for particulars.
BLUE VALLEY STOCK FARM, Blue Mound, Linn County, Kansas.

able age left that are for sale and they are good and will go soon. He has 18 fall boars of September and October farrow that are big, fine fellows that are ready for service and just the thing for the breeder that needs a good strong herd header for hard service. These boars are good and a number of them exceptional prospects. He also has 17 March and April boars that are good and ready for service. All of these boars, both fall and spring are, by Buddy K. 4th Wide Awake, W. L. A.'s Perfection, and Gold Bond. All are boars of the best breeding and selected with a view to strengthening this great herd. The date of Mr. Schwab's bred sow sale is February 19 which is the day following Geo. Briggs & Sons' sale at Clay Center. This sale will be advertised in this paper as usual and in good time so that you can arrange to attend. It will be one of the best of the season and will draw a big attendance. Mr. Schwab is as well known as any man in the business today and his herd one of the best in the West at least.

Nebraska Type Polands.

C. C. Ingram, Bloomington, N.br., has changed his advertisement and is advertising summer and fall pigs of either sex, sired by Hyden's Big Hadley 2nd, Pan Wonder and Nebraska Chief. These pigs are as fine a lot of youngsters as you ever saw and will be priced very low to move them. They represent the best of breeding of strictly big type and at present ages the express would not be very much. It is a good opportunity to buy something choice very reasonable. The date of Mr. Ingram's bred sow sale is February 22nd. In this sale he will sell some choice young sows bred to or sired by the above boars. Most of them are spring gilts and out of the strongest line of tried sows we know of anywhere. The uniformity of type which has been maintained by Mr. Ingram is remarkable. This herd, referring to both the herd boars and the bred sows, must be seen to be fully appreciated. It is one of the strong herds.

Kansas, Missouri and Iowa.

BY C. H. WALKER.

Ben Anderson of Knox City, Mo., whose herd of Herefords has been given publicity through these columns on several occasions, has sold his Missouri farm and is moving to Kansas. As a result of this move he will disperse his Whitefaces on January 13. By careful selection and discriminating purchases he has built up a top herd and it is the fruits of his labors which he will offer the buying public on the above date. A good, useful lot of well bred, regularly producing cattle will be sold. Readers of this paper should keep this sale in mind. Further details of this offering will appear in due time.

King Jumbo—Some Boar.

In selecting a boar to work with and to follow Metal Choice, Tom Melsner of Sabatha, Kan., bought three young boars, sons of Gold Metal, Expansive and Long King's Equal. Up until the present time it has been a hard job to tell which would make the best boar. Mr. Melsner says there isn't any question about it now. King Jumbo, the son of Long King's Equal and out of one of the greatest Lady Jumbo sows by Prospect has the lead by a good margin. He has developed into a hog of immense scale and yet has kept pace in quality, has a wonderful bone and is a half ton hog in the making if there ever was one. This boar should be a strong impetus in Mr. Melsner's winter sale, the date of which is February 12. Sows bred to this boar should be in demand and should prove good investments to those who want popular breeding, size and quality.

Kirk's Imported Horses.

"I don't know when I have had horses that have done so well as mine have this year," said Chas. R. Kirk recently. "They stood the trip across the ocean in fine shape and have shown an improvement every day since." Mr. Kirk, as most everyone knows, is president of the Percheron Importing Co., at South St. Joseph, Mo. Each year they import a selected lot of Percheron, Shire and Belgian stallions and mares and show their importation the same month they land. It stands to reason they must bring over a pretty good lot of horses when they can take them right out to the leading fairs and win a big bulk of the ribbons. They do this. At the American Royal this year they won second on 4-year-old Percheron; first, third and fourth on 3-year-old first and third on 2-year-old and first and champion group of five stallions. "Our horses are handsome and the best to buy; our guarantee and insurance the very best." Pretty strong statement that. But it's a fact and they invite inspection of their horses and their methods of doing business.

Waddill's Horses in Demand.

That farmers in their own community have faith in the class of horses they breed is shown by the heavy demand from their own and adjoining counties for the Percherons, Belgians, Shires and German Coach

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—I am sending a check for \$20.00 to pay for my ad. Many thanks for your kindness in waiting for the same. I expect to send you my ad in a short time to run again in your paper as I got better results from your paper than any we have tried and your paper is all O. K. too.

Very Truly Yours,
FRED. W. HALL,
Lone Oak, Okla., December 4, 1912.

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—Kindly continue the ad as per your letter of November 15th. Will remit as soon as convenient. Am getting inquiries daily.

Very Truly Yours,
L. W. BARRETT,
Aldersyde, Alberta.

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

produced on the Pioneer Stock Farm by Jno. W. Waddill & Son of Brashear, Mo. Recently this firm sold five head within a radius of 10 miles of their farm and are still shipping them in. Their horses, produced in the open with plenty of range and under conditions that insure strong bone, healthy bodies, in fact all the advantages that go toward developing the essential points of the draft horse are a few of the reasons why these breeders enjoy such a good trade. Another reason is that they sell only good ones and back up their horses with a strong guarantee. They have in their barns this year the best lot they ever have had in the many years they have been in the business. Good values in the different breeds can be found at the Pioneer Farm. They can fill most any order as to age and weight in both stallions and mares. Write them today per announcement elsewhere in this issue.

Walter's Great Sow Offering.

H. B. Walter of Effingham, Kan., who is recognized as one of the leading Poland China breeders of the country is laying the plans for the greatest offering of bred sows that ever has been sold from this well known herd. Between 45 and 50 head will be sold. Close to 30 of this number will be yearling and 2-year-old daughters of Expansive, conceded to be the greatest sire of brood sows in this section in the past decade. Expansive sows are in demand because of their size, their quality and their producing worth. This will be the last chance to buy in numbers at public auction the get of this great sire. The remainder of the offering is made up of tried sows and yearling gilts sired by the leading boars of the breed—daughters of A Wonder, Long King's Equal and a number of other popular boars. The offering will be bred to Long King's Best, the fine Long King boar which Mr. Walter bought in Iowa a year or two ago and a boar that has not only developed individually, but has proven himself a great breeding hog; Referendum, the fine breeding boar bought in Nebraska, and Expansive Chief, a son of Expansive that Mr. Walter has reserved for use in his herd to follow old Expansive. Over two-thirds of the offering had the cholera a year ago and are immune. The remainder have been given the double treatment and are immune. This very fact that so good an offering will be sold guaranteed free from cholera makes this sale the big attraction of the coming season. The date selected by Mr. Walter is Friday, February 14. We would suggest that those who are interested write Mr. Walter now and get their name on his mailing list.

Good Sale for Reber & Sons.

That their efforts and work as breeders of good Shorthorn cattle are appreciated was evidenced by the good sale which D. E. Reber & Sons held at Morrill, Kan., on Tuesday, December 3. While no high prices were recorded the values received were satisfactory to the sellers and those who bought secured reliable, top producing cattle at prices that will make them good money. The Rebers breed a desirable type of well bred, strong constitutioned Shorthorns raised in the open and under ordinary farm care. Their cattle are not pampered and for that reason go into other herds and continue to go ahead. The offering sold last week would have commanded more money had they been in higher flesh, but they were sold in a condition to do the pu chase of the most good. The top was \$200 even. Jno. McCoy & Son of Sabatha, Kan., paying that figure for lot seven, Banner Belle, a good daughter of Senator with twin bull calves at foot by Good Scotchman and rebred to the same bull. L. J. Hitchcock, the veteran breeder of Falls City, Neb., bought Hallwood Loveley, a toppy daughter of Hallwood Goods, at \$170, and D. A. Page of Hardy, Neb., got the top cow, Charity 3d, at \$152.50. Mr. Page was a liberal buyer of other good lots. The bargain of the sale was in the herd bull, Good Scotchman. This bull is one of the best individual and best breeding bulls in the state. D. M. Price of Baileyville, Kan., got him at the low figure of \$98.15. Thirty-eight head averaged \$98.15. This included everything from young calves to the matured stock. Cois. Kistner, Marlon and Crandall conducted the sale in good shape. Below is a list of representative sales.

- 1—D. M. Price.....\$152.50
- 2—L. J. Hitchcock & Son.....170.00
- 3—Henry Thompson, Sabatha, Kan.....102.50
- 4—Geo. Pile, Hamlin, Kan.....95.00
- 5—Geo. M. Gebhart, Hamlin, Kan.....130.00
- 6—Jno. McCoy & Son.....200.00
- 7—Jno. Wenger, Powhattan, Kan.....100.00
- 8—Jno. McCoy & Son.....155.00
- 9—D. A. Page.....152.50
- 10—C. W. Yoder, Morrill, Kan.....97.50
- 11—D. A. Page.....127.00
- 12—C. J. Misher, Sabatha.....97.50
- 13—L. S. Whitney, Fairview, Kan.....117.50
- 14—D. A. Page.....127.50
- 15—Rufus Miller, Morrill, Kan.....122.50
- 16—D. A. Page.....100.00
- 17—Jno. M. Bailey, Morrill.....100.00

Oak Hill Holsteins.

Half an hour's talk with Ben Schneider of Nortonville, Kan., would convince the most skeptical that dry cattle, especially Holsteins, are the saving grace of the American farmer. He would convince you that as a general proposition for the betterment of the land, not considering the milk and butter, they are the one best bet. And on top of his logical arguments he has the proofs in two or three rehabilitated farms, which 30 years ago were given up as worn out, or only fit for cockleburrs and weeds and which today are considered among the best in Jefferson county. Land that 30 years ago would not produce a living is today and has been for the past seven years averaging over 52 bushels of corn to the acre, with never less than 150 acres in corn, and other crops in like proportion. Two things, according to Mr. Schneider, are responsible for this—Holstein cattle and the silo. Mr. Schneider started in by handling grades. It wasn't long until he had the purebreds. Today he hasn't a grade on his place. In laying the foundation for his herd he bought from the best herds in New York, Illinois, Missouri and Kansas and at prices his neighbors called outrageous. Be that as it may he got the best. His success in building up his land, the money he made from the butter fat, the advantage of having an abundance of skim milk for his hogs and the trade he has established in the pure bred business is proof sufficient that his move was sound

and wise. Shadybrook Gerben Sir Korndyke \$1707, the chief stock bull in service was purchased from the M. E. Moore & Co.'s herd at Cameron, Mo., and is sired by their great bull, Sir Korndyke Imperial. He is out of Shadybrook Gerben 2d, she in turn being out of the famous Shadybrook Gerben, the cow that made the most butter fat at the St. Louis World's fair of any cow of any breed in the 120-day test. This bull crossed on the excellent lot of cows in the Schneider herd is siring the kind that find ready sale to the best breeders. At present Mr. Schneider is offering a number of toppy

LIVESTOCK AUCTIONEERS.

Wm. H. Harper, LIVESTOCK Auctioneer, GLASCO, KANSAS. Phone for Dates.

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 for dates.

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

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

J. H. JONES, LIVE STOCK 600 Kan. Ave., Topeka and farm sales solicited. 16 years experience.

Lafe Burger Live Stock and Real Estate Auctioneer Wellington, Kan.

R. H. DENGATE, Lucas, Kan. LIVESTOCK AUCTIONEER. DATES CLAIMED ARE PROTECTED.

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

G. A. DRYBREAD Elk City, Kans. Livestock and farm sales made anywhere. Give me a trial. Satisfaction guaranteed.

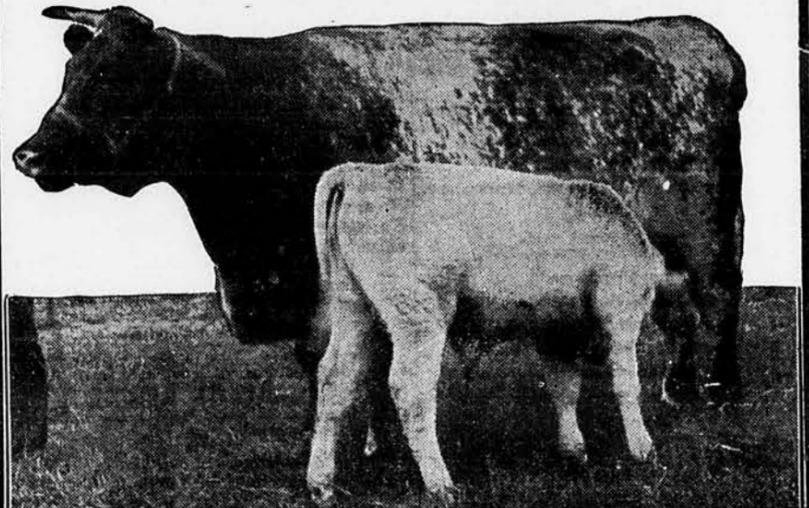
Holstein Cows and Heifers at Bargain Prices!

On account of shortage of ensilage crop in N. Y. state I am shipping west 300 head of high-grade Holstein heifers and cows, 2 to 5 years of age. These are arriving in lots of 50 every week and I will make attractive price to men that can handle a carload. All tuberculin tested and bred to registered bulls. Also a few registered bulls ready for service. ROCK BROOK FARM, STA. B, OMAHA, NEB.

Herd Established Over 25 Years Evergreen Crest Galloways

Twenty cows and heifers for sale, either registered or high grades. All two years old and over are bred to Flagstaff 29295 and Sally's Othello 33696. Anyone desiring a herd of breeding cows should inspect this offering. Also two yearling bulls for sale. J. & W. R. CLELLAND, NEW HAMPTON, MISSOURI.

Lookabaugh Shorthorns At Private Treaty



The Kind I Breed and Sell.

Over 200 Head From Which to Select

A great variety of prize winners and prize winning blood. Breeding stock of both sexes and all ages. 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 Calf 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, Okla.

LIVESTOCK AUCTIONEERS.

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

COL. S. B. YOUNG, Osborne, Kan. Livestock Auctioneer. Write for dates.

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

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

Will Myers, Livestock Auctioneer Beloit, Kansas. Write or phone for dates. I am located right to give good service

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

Col. N. B. PRICE, Mankato, Kans. LIVESTOCK AUCTIONEER. Phone or write for dates. Bonney K. heads my Duroc-Jersey herd

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

G. C. DENNEY GUIDE ROCK, Neb. Livestock Auctioneer. Pure bred stock sales and big farm sales. Write or phone.

FRANK J. ZAUN FINE STOCK AUCTIONEER INDEPENDENCE, MO. Bell Phone, 675 Ind. "GET ZAUN, HE KNOWS HOW!"



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

bulls ready for service in the spring sired by the herd bull and out of A. R. O. dams. Also a few choice heifers bred and a few cows, some fresh now and all fresh between now and March. The herd is tuberculin tested, insuring healthy, regularly producing cattle. Anyone wanting big strong cows giving a maximum of milk, cows that produce every year, and bulls that sire that kind should get in touch with Mr. Schneider and his Oak Hill herd. His address will be found elsewhere in this issue.

Kansas and Missouri

GEO. W. BERRY.

The real estate firm of Bowman & Williams of Amoret, Mo., has been dissolved and the business will be conducted by Mr. Bowman under the firm name of Bowman & Co. He is changing his advertisement in this issue. Look it up and write him for bargains in Bates county land.

Horses Sell High.

C. B. Slusser of Richland, Kan., sold three horses, one 10 year, 1,400 pound mare and a pair of geldings weighing 2,700 pounds for \$520. This is only a straw showing the way the wind blows. Horses are scarce and are going to be high. These horses were only common farm horses. They sold December 7 to Bell and White of Topeka.

A. G. Dorr Durocs.

A. G. Dorr of Osage City, Kan., wants to state that he has 10 summer boars and 30 gilts, also 25 fall pigs all sired by his line bred Crimson Wonder boar. The 10 summer boars are all O. K. for service and all of the pigs are of deep cherry red with good bone with the fancy arch back and wide ham. These pigs have all been vaccinated and are in a healthy, growing condition. Mr. Dorr will make a special low price on gilts this month in lots of two and three. Write him for description and prices.

E. D. King Raised 600 Berkshires.

Six hundred good pigs were raised from registered sires and dams by E. D. King, the Berkshire breeder of Burlington, Kan. Quality as well as numbers is a notable feature of Mr. King's herd. Visitors at his farm are captivated by the great size, smoothness, good heads, style and breed character shown by his Berkshires. It is safe to say that no other herd of pedigreed swine includes as many brood sows and herd boars of real individual merit. Two hundred choice sows and gilts have been bred for sale at private treaty. A splendid lot of

POLED DURHAMS.

Polled Durham Bulls

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

Woods Polled Durhams

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

GALLOWAYS.

G. E. CLARK, W. W. DUNHAM. CAPITAL VIEW GALLOWAYS. 12 Miles West of Topeka. Can furnish car of good cows, also bulls ranging in ages from calves to 2-yr.-olds. Can suit your wants. Write CAPITAL VIEW RANCH, Silver Lake, Kan.

Fort Larned Herd

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

HEREFORDS.

BLUE GRASS Herefords STOCK FARM Cows, Heifers and young bulls for sale. 100 head in herd. Breeding matrons by Militant, Lamplighter, Shadeland Dean 2d, Gentry Briton 6th, Hesiod 2d and Wilton Almo 6th. Visitors Welcome. W. T. WRIGHT, Route 8, Mt. Pleasant, Iowa.

Klaus Bros.' Herefords!

We offer 16 head of strong, rugged bulls, herd header material, ready for service, sired by Fulfiller 3rd, Fulfiller 25th and Beau Onward. Priced right and worth the money. KLAUS BROS., BENDENA, KANSAS.

Mathews' Registered Herefords

For sale. 36 bulls, 9 to 21 months old and 20 early spring heifer calves. The kind that will make you money. FRED MATHEWS & SONS, Kinsley, Kan.

Modern Herefords

ROBT. H. HAZLETT
Hazford Place
Eldorado, Kansas

FOR WISE FEEDERS
"I have been able to market my cattle 30 days earlier by using your EXCELLO CATTLE FEEDER." - E. G. Mendenhall.
IF YOU want to make money, write at once to
Excello Feed Milling Co.
St. Joseph, Mo.

young boars are ready for service. These will be offered at reasonable prices. Mr. King looks for a 10-cent market in the near future, and suggests that the time is opportune for farmers to prepare for the good times coming to hog raisers. Attention is directed to the advertisement of Meadow Brook Berkshires in this paper.

Choice Duroc-Jerseys.

The writer enjoyed the pleasure of a visit at the farm of L. T. Spellman, Paola, Kan., the proprietor of Cloverdale herd of Duroc-Jerseys. Mr. Spellman has succeeded in raising the choicest bunch of fall pigs that we have seen on any farm. These pigs are in fine condition and many of them are good show prospects. They were sired by King Cois. 3d, the herd boar, bred by Grant Chapin and sired by King's Col., a son of the noted King of Cois. 2d. Mr. Spellman offers for sale 15 head of bred sows and gilts which are safe in pig to King Cois. 3d. A number of choice boars that are large, thrifty fellows ready for service are offered at prices that will move them. Look for the advertisement of Cloverdale Durocs.

Lees' Manhattan Percheron Sale.

Announcements of the sale of Percheron horses at Manhattan, Kan., by Lee Brothers of Harveyville, Kan., have attracted the attention of horsemen of all sections of the country, and the demand for catalogs indicates a large attendance at the auction which will be held in the State Agricultural college judging pavilion on December 17. Judging from the wide range of territory from which inquiries have been received by Lee Brothers, evidently the offering has attracted great interest from the character of the exhibit of mares and stallions from the Blue Ribbon Stock Farm which was made at western state fairs and American Royal. Those who attend the auction will witness a splendid array of horses decorated with the ribbons and medals that were won in the hottest battles in the show campaign of 1912. The ribbons and medals won by these horses go with them to the buyers. Of equal importance to the show herd, the large number of high class mares which are bred to the superb stallion Imp. Scipion comprise a good share of the offering and a feature of interest to breeders and farmers who attend the sale. Doubtless the type set by the great sire to which these mares are bred will be in demand for many years. Those who attend the sale at Manhattan on December 17 will have the opportunity to visit the Kansas State Agricultural college, enjoy the large company of breeders and farmers expected from all parts of the country, and at the same time have the opportunity to purchase the sort of mares and stallions that will prove profitable investments.

Erhart's Immunized Poland Chinas.

A successful method of vaccination for the prevention of cholera has been quite thoroughly tested by J. A. Erhart, the well known breeder of Poland Chinas, Adrian, Mo. Mr. Erhart uses the serum treatment for the prevention of hog cholera, vaccinating his pigs at the age of five to eight weeks and the second time at the age of five to six months, using only the serum or single vaccine. This method of vaccination has been followed by Mr. Erhart for the last two years with satisfactory results, and his Poland Chinas have not contracted disease. The pigs he has sold and shipped out have escaped disease. In several instances pigs which were vaccinated with serum and then sold were shipped to herds where they were exposed to diseased hogs, and these pigs, too, have never shown any symptom of cholera. Mr. Erhart's experience with serum as a preventive of disease has been valuable and adds to the belief that his method of repeating the treatment will prevent cholera.

As a breeder of Poland Chinas J. A. Erhart has met with genuine success. His herd numbers over 300 head in thrifty, healthy condition. Several excellent herd boars are in use including Major B. Hadley, the grand champion boar of the American Royal, 1911. This boar combines wonderful size, heavy bone and substance with quality. Mr. Erhart has refused \$1,000 for him. Other boars in the herd include Young Hadley, pronounced one of the best sons of Big Hadley; Giant Wonder, sired by the noted A. Wonder; Big Spot, one of the good big type boars; and Major B. Hadley Again, a very choice individual by Major B. Hadley. The herd at this time includes more than 100 sows of breeding age representing the best breeding and sired by noted big type boars.

Double Standard Polled Durham Sale.

The sale of Double Standard Polled Durhams announced by Achenbach Brothers of Washington, Kans., to be held Jan. 2, is one of universal interest in cattle breeding circles. This breed has grown rapidly in popularity in recent years and the increasing demand for polled cattle on the farms has centered largely upon Polled Durhams. Combining the excellent beef and milking qualities of the grand old breed of Shorthorns with the advantage of being hornless, the Double Standard Polled Durhams meet the requirements of hundreds of farmers in the states where high priced land demands the keeping of better beef and milk cattle on smaller farms, so this breed, which has been bred up to a high standard of individual excellence, retains the splendid character and purity of breeding of Shorthorns with nicely polled heads, it follows, faces an inviting field and a bright future. It is safe to say that no other herd of D. S. Polled Durhams in the country is as deeply bred in polled blood as the herd of Achenbach Brothers. It is a notable fact that the longer a family of cows is retained in the hands of a breeder the more valuable must be the line of breeding and the most certain will be the ideal type of the breeder and the true breed character fixed in the herd. Achenbach Brothers have quietly pursued the tenor of their way, breeding by selection, retaining their good cows with strictly polled heads, deeply bred in polled blood, and they now own, it is safe to say, the largest and most uniform collection of high class females of the Double Standard breed to be found on one farm. A glimpse at the herd bulls and their pedigrees will give an idea of the superb individual character of the herd and the method of breeding pursued by the owners. The Baron X 7436 (S. H. 322362) was got by the Confessor X 5985, a noted bull used by Mr. Miller; first dam, Miama Golden Drop by Scottish Lord X 474, second dam, 15th Linwood Golden Drop, bred by W. A. Harris, and got by Galahad, tracing through three dams bred by Col. Harris and the Cruickshank Scotch bulls Craven Knight and Baron Victor, to Imp Golden Drop 4th. The Baron has been used

DAIRY CATTLE.

HOLSTEINS FOR SALE-30 head of registered heifers and males, also 73 head of fine bred heifers and young cows, \$58.50 and up. Come and see them. M. P. KNUDSEN, CONCORDIA, KANSAS.

Holstein Bulls Registered, good individuals. Ready for light service. E. H. H. EMERY, WETMORE, KANSAS.

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.

LINSCOTT JERSEYS

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

HOLSTEINS -CHOICE BULL CALVES

H. B. COWLES, TOPEKA, KANSAS.

Holstein-Friesian Bulls

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

HOLSTEINS FOR SALE

Having bought entire, one of the largest and best producing dairy herds in Shawnee Co., I am now offering them in any numbers, in connection with my heifers. They are all under 3 years, mostly 3 to 6 years old. Heavy milkers and heavy springers. Nearly 100 head to select from. These cattle are all very high grades. Also bulls, all ages. High grade and registered. IRA ROMIG, Sta. B, TOPEKA, KANSAS.

Holsteins!

I will sell the following high grade Holsteins, many of them practically full bloods, and in good condition: 50 yearling heifers and 50 1 1/2-year-old heifers just being bred to a son of a 24 lb. dam; 100 2 to 2 1/2-year-old heifers and 100 2 1/2 to 3-year-old heifers bred to a high class registered bull, to freshen from Dec. 1st, 1912, to March 1st, 1913. 100 matured cows, very heavy producers, springing up ready to freshen soon, most of them in calf from registered bulls. A number of high colored registered bulls, ranging in age from 6 months up, out of heavy producing dams, and selected especially to head choice herds. Can fill any order from one animal up. Have a small surplus of excellent registered cows and heifers I will dispose of. Also have 100 head of high grade Guernsey cows and heifers from yearlings up. Write me regarding your wants. JAMES DORSEY, Gilberts, Illinois

SHORTHORNS.

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

SHORTHORNS

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

Pearl Herd of Shorthorns

I have a select bunch of young bulls from six to 20 months old, well bred, well grown and the making of good useful animals. They are both reds and roans. Can ship via C. R. I. & P., A. T. & S. F., U. P., and Mo. Pac. Address C. W. TAYLOR ABILENE : : KANSAS

RED POLED CATTLE.

Foster's Red Polls Write for prices on breeding stock. C. E. FOSTER, R. R. 4, Eldorado, Kansas.

RED POLED BULLS

and heifers by Actor 7781 and Launfal 13221. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Pigs. Write or come. CHAS. MORRISON & SON, Phillipsburg, Kan.

ABERDEEN-ANGUS.

Angus Bulls For Sale sired by Rutger Heatherson 3d 118104, Presto 2d 133774 and Professor Kurtz 135693. Ready for service including two choice Blackbirds. Priced right. Satisfaction guaranteed. W. G. DENTON, DENTON, KANSAS.

ANGUS CATTLE

Bulls and females for sale; singly or in carload lots. Address SUTTON & PORTEOUS Lawrence, Kan.

MEADOW BROOK BERKSHIRES AT BURLINGTON, KANS.

200 bred sows, all bred to Premier Longfellow, King's 2d Masterpiece, True Type, King's 4th Masterpiece, King's X Masterpiece (the greatest yearling we ever raised), Forrest Count, etc. One hundred open sows and twenty extra nice males. Two extra good herd boars for sale (every one deep in breeding and rich in blood). E. D. KING, BURLINGTON, KANSAS.

CHAMPION MOLASSES FEED CARRIES THE HIGHEST HONORS

Was fed to the cattle that brought the highest prices this year on the Omaha, St. Joseph, Kansas City, St. Louis and Chicago markets; also carried all blue ribbons and sweepstakes at recent K. C. Royal Stock Show. Equally good for horses, hogs and sheep. Write us.

CHAMPION FEED CO., Tarkio, Mo.

SHEEP.

Special Notice to Sheep Men

Send us your address, we will mail you literature on the breeding of Karakule-Arabi sheep for the production of Persian, Astrachan and Krimmer lambs, wholesale furriers quote our half and quarter blood Karakule incorn skins \$8.00 to \$15.00 each. Mat-ton increase in weight and price. Address KARAKULE-ARABI SHEEP CO., Majestic Theatre Bldg., Topeka, Kan.

MULE FOOT HOGS.

Mule Foot Hogs More premiums won in 1912 than any herd in the U. S. Bred sows, some extra spring farrow boars and pigs in pairs not related. Pedigrees furnished. ZENE G. HADLEY, R. F. D. 5, WILMINGTON, OHIO.

O. I. C. SWINE.

40 Choice O. I. C. Pigs H. W. Haynes, Meriden, Kan.

EDGEWOOD O. I. C's. Choice gilts and fall pigs; also tried sows. HENRY MURR, TONGANOXIE, KANSAS.

O. I. C. 40 pigs, some good fall boars and tried sows for sale. Express prepaid. Everything registered free. F. C. GOOKIN, RUSSELL, KANSAS.

O. I. C. Yearling and tried sows and 40 spring gilts bred to good boar. Also, fall pigs at special prices. R. W. GAGE, Garnett, Kansas

KENT'S IOWA HERD 100-Good lengthy, heavy-bone spring boars-30 fall and yearlings, also large number of sows from my great State Fair prize winning herd. It will pay you to write me today for prices and the way I will ship these hogs before paying for them. THOS. F. KENT, Walnut, Iowa, R. F. D. No. 2.

STAR HERD O. I. C's. Breeding stock of various ages, either sex. Best breeding r. sired in this herd. Write your wants. ANDREW KOSAR, GLASCO, KANSAS.

O. I. C. 125 HEAD HOGS Pigs in pairs, Bred Sows and Service Boars W. H. Lynch, Reading, Kansas.

Neef's Cholera Proof O. I. C's. Boars of all ages from 8 weeks to yearlings. Also prize sows bred and gilts bred or open. Can furnish pairs or trios, no kin. Herd headed by O. K. Perfection, by O. K. Winner, and Neef's Oak, by White Oak. All stock priced worth the money. Riverside Farms. JOHN H. NEEF, Prop. Boonville, Mo.

BERKSHIRES.

Hazlewood's Berkshires! Choice spring boars and gilts priced to sell. Write today. W. O. Hazlewood, R. 8, Wichita, Kansas

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

GOOD SOWS BRED to champions and grand champions. I also have some splendid fall pigs that I will sell single or in pairs no kin.

C. G. NASH, Eskridge, Kan.

BERKSHIRES, SHORTHORNS and JERSEYS FOR SALE-25 boars by Robinhood Premier 2nd or Rival's Lord Premier, and out of sows representing such sires as Imported Baron Compton, Berryton Duke and Premier Longfellow. Also a choice Shorthorn bull calf by Silk Goods and out of a show cow.

W. J. GRIST, :: OZAWKIE, KANSAS

Sutton Farm Berkshires 100 HEAD AT PRIVATE SALE including serviceable boars, open or bred sows and gilts at farmers' prices. Address Sutton Farms Lawrence, Kan.

Berryton Duke Jr.

Lawrence, Kan.

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

Hampshire Hogs Have one two-year-old boar, one eight-months-old boar and several boar pigs four-months-old for sale.
W. E. WOODRUFF, KINSLEY, KANSAS.

WRITE J. F. PRICE,
 Medora, Kans.
 For prices on Pedigreed Hampshire Hogs

REGISTERED HAMPSHIRE HOGS
 of various ages not akin; two registered and one grade Dutch Belt bulls, also 1 spotted Arab stallion.
C. W. WEISENBAUM, ALTA MONT, KAN.

Try The White Belts
 Special prices on boars. Sale of bred sows and gilts
January 23, 1913
T. W. LAVEROCK, Princeton, Kas.

POLAND CHINAS.
Polands—Barred Rocks
 Summer and fall pigs by Referendum and J. C. Metal and out choice sows. Priced to sell. Also 50 Barred Rock Cockerels.
A. N. Waechter & Son, Riverton, Neb.

Big Type Poland Chinas
 With unusual size and show yard quality. The kind you saw us win with at Topeka and Hutchinson. Don't you want some of them?
E. B. BAIRD, CENTRAL CITY, NEBR.

Schneider's Poland Chinas
 Can furnish choice summer and fall pigs, pairs or trios, not akin, by Guy's Expansion and Goldstut Hadley. Also 10 head of yearling sows bred to these boars.
JOE SCHNEIDER, Nortonville, Kansas.

POLAND CHINAS—SHORTHORNS
 20 spring boars and a few gilts for sale. Simultaneous treatment last spring. Also young bulls. Write for description and price.
E. B. AMCOATS, CLAY CENTER, KANSAS

Albright's Boar Offering
 Five big, smooth Sept. yearling boars, sired by A. L.'s Hadley. 15 spring boars sired by Cavett's Mastiff. Big, well grown fellows. Smooth as you ever saw.
A. L. ALBRIGHT, WATERVILLE, KAN.

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

Dean's Mastodon Polands
 Poland China hogs, the big-boned type, will weigh when mature, 800 to 1,000 lbs. Bred sows all sold. Will sell a few boars of serviceable age, also choice fall pigs, either sex. All
Immunized by Double Treatment
 Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Everything guaranteed and sold worth the money. Address
CLARENCE DEAN, WESTON, MISSOURI

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

Say! Mr. Farmer and Mr. Breeder
 I have a fine crop of fall pigs all sired by my great young Poland China boar
Advance 60548
 for which I have recently refused \$500 cash. I have decided to sell all of them, both boars and gilts for \$15.00 each. Dirt cheap. First come first served. Come and take your choice, or send a friend to choose for you. If you can do neither then send check and let me choose for you.
Paul E. Haworth
 Lawrence, Kansas

Christmas Music on the Farm.
 It was to the country-dwellers that the birth of Christ was announced—and by music. The shepherds watching their flocks on the mountain-slopes near Bethlehem were startled by the tones of the heavenly choir proclaiming "Peace on earth, good will towards men." Ever since the first Christmas day, the birth of Christ has been celebrated by music. The practice began
 (Continued on Page 31.)

Defender 54201, the big easy feeder. A few males by him or gilts bred to him. The Expansion herd of Poland Chinas. Write wants to
PHIL DAWSON, Prop., ENDICOTT, NEB.

Manson Campbell Wants Farmers to Try His 1913 Chatham Grain Grader.
 An unusually liberal offer is now being made by Manson Campbell to farmers who are alive to the big increases in crops per acre realized from planting cleaned and graded seed grain. This offer places the wonderful Chatham Grain Grader and Cleaner in the hands of the farmer at the small cost of \$1. If the farmer does not wish to keep the machine after a thirty-day trial, his dollar is returned to him without question or quibble, and the freight both ways is paid by the makers of the grader. Under the unusual terms of this offer the farmer may now use the 1913 Chatham Grain Grader and Cleaner to clean up and grade his seed wheat, corn, flax, barley, peas, beans or grass seed without cost. The dollar he pays is merely his sign of good faith, and is held in trust to be returned if he does not keep the machine. He signs no notes or agreements, pays no additional money until after his crops are harvested. But not many are returned, for this machine pays for itself many times over in the bumper crops which are grown from cleaned and graded seed. This offer is made to give every thrifty farmer an opportunity to test the improved 1913 "Chatham" model on his own farm. Now that farmers throughout the wheat-growing belt are cleaning and grading their seed grain, the Chatham Grain Grader and Cleaner is having a remarkable sale. More than 4,000 of these machines have been sent to the farmers of Iowa, and large numbers are being shipped daily to other grain-growing states. The 1913 "Chatham" handles over 70 seed mixtures—wheat, oats, corn, barley, flax, timothy, clover, beans, peas and other seeds. It takes from seed wheat, all wild oats, cockle, tame oats and smut. It takes any mixture from flax, separates buckhorn from clover, and sorts corn for drop planter. All dust, dirt and chaff is removed from the grain. The machine handles 60 bushels an hour, and is operated either by hand or by gas power. Farmers who have tried out the 1913 "Chatham" declare it to be the quickest and easiest grader that they know of. This machine was perfected by Manson Campbell after years of painstaking effort. Mr. Campbell has just published a book on "The Chatham System of Breeding Big Crops," which he is now sending free to any farmer. In asking for the free book address the Manson Campbell Co., Detroit, Mich. Ask for booklet No. 47.

with marked success in the herd and goes in the sale. The young herd bull Meadow Sultan X 8721 (S. H. 353690), is a son of the richly bred Sultan of Anoka, and his dam is Lady Mellow X Vol. IV, 458, by Golden Gantlett X 1140; second dam by Young Athelstane X 329, and tracing through the Col. Harris bred cow Lady Mine by Goldie Knight to Imp. Lady of the Meadow, a deeply bred Cruickshank cow. Thus is revealed from the pedigrees of the great bull the Baron and the superb Meadow Sultan. The Washington, Kansas, breeders have united the blood lines of the best cattle bred by the celebrated breeders of Great Britain and America, Amos Cruickshank and W. A. Harris; and the success achieved by Achenbach Brothers in breeding Double Standard Polled Durhams place these gentlemen in the front rank of constructive cattle breeders in the country. The offering on Jan. 2nd, will be mentioned in detail in a future paper. The catalogue which should be in the hands of every person interested in good cattle, will be mailed on application to Achenbach Bros., Washington, Kan. Kindly mention Mail and Breeze when writing.

Missouri, Kansas and Iowa.
 BY ED. R. DORSEY.

Dr. Richards's Drafters.
 Dr. W. H. Richards of Emporia, Kan., importer and dealer in Belgian and Percheron stallions and mares, recently arrived with a fine load of high class individuals. The doctor is a practical horse man; a graduate of the Ontario veterinary school, and has had years of experience as a dealer of horses. In his early days he handled saddlers and high class harness horses, and the love of them still remains as he always keeps a few on hand along with his imported drafters. In this recent importation he got the very best money could buy of both of the great horse countries. These with the nice stable he already had prepared, make a great showing for the two leading breeds of drafters and will impress any horse fancier. Having had years of practice in his professional work, Dr. Richards is enabled to examine each animal and he therefore buys only sound ones. He does his own buying in Europe. Since he handles only imported horses, except saddlers and standard horses, he of course buys the richest of breeding and handles no cold breeding as the "duty" on that sort of animal would cost more than he is worth in America. The doctor guarantees every horse with a two year guarantee. His reference as to the guarantee is any bank in the county. He never had a dissatisfied customer, never had a lawsuit in his life. He does business on the square and this paper recommends both Dr. W. H. Richards and his horses to those who wish an honest deal.

Editorial News Notes.
Want Land—Try Osburn.
 H. E. Osburn, 227 E Douglas, Wichita, Kan., is one of the old reliable real estate dealers of Wichita. He has been actively engaged in the land business for the last eleven years and can count his satisfied customers by the score. If you want to know anything regarding land or land values in Sedgewick county, write Mr. Osburn, who will be glad to answer promptly any question you may ask regarding soil, climate, land values, etc. You can depend on what he tells you. See his ad in this issue. In calling upon or writing Mr. Osburn please mention Farmers Mail and Breeze.

Beaver Valley Herd Durocs.
 Boars and gilts sired by Grand Master Col. II 94903 (Grand Champion and sire of winners at Oklahoma State Fair, 1911), Defender's Col. 112297, Autocrat 94765 and Muncie Col. 113779. Satisfaction guaranteed.
W. A. WILLIAMS, MARLOW, OKLAHOMA.

Pleasant View Durocs. Choice March and April boars.
T. P. TEAGARDEN, WAYNE, KAN.

DORR'S DUROCS. 75 head of big bred gilts, boars ready for service at farmers' prices.
CHAS. DORR & SONS, OSAGE CITY, KAN.

A Fine Offering Bred Sows and Gilts
 Also open gilts and summer pigs. Best of breeding.
R. C. WATSON, ALTOONA, KANSAS.

BIG TYPE DUROCS Herd rich in blood of Monarch families. 45 head tried sows and gilts in our bred sow sale, February 5. Stock for sale. Send for catalogue.
MOSER & FITZWATER, GOFF, KANSAS.

Prince Wonder 2nd. No boar sale but best for private sales. Gilts reserved for February 7 bred sow sale.
A. T. CROSS, GUIDE ROCK, NEBRASKA

LITTLE OAK DUROCS Early spring boars served for February 22 bred sow sale.
Geo. P. PHILIPPI, Lebanon, Kan.

BONNEY K—Kansas Special
 Spring boars for sale but all best gilts reserved for February bred sow sale.
W. E. MONASMITH, FORMOSO, KANSAS.

Crimson Wonder Breeding Top boars and sows. Write for prices. A square deal.
DAVID BOESIGER, COURTLAND, NEBR.

FISHER'S DUROCS
 "A chance of a life time." My entire spring crop sired by Old Graduate Col. and Crimson Prince at \$15 to \$25 each. Closing out. Don't delay. Write today.
H. E. FISHER, Danville, Harper Co., Kan.

FALL YEARLING BOARS A few very choice ones; and fall and summer pigs at bargains. Bred sow sale February 8th.
P. C. GARRETT & SON, Bloomington, Nebraska.

Outstanding Duroc-Jersey Herd Boar
 To close up a partnership I will sell CRIMSON WONDER KING, by grand champion Crimson Wonder Again, sire of more prize winners than any other living hog. Crimson Wonder King's dam is by Valley King, grand champion boar of Nebraska and Iowa in 1911. Litter brothers of this boar head some of the best herds in Kansas and the breeder who buys him will add strength and prestige to his herd. I have his dam and three litter sisters in my herd and can not use him longer to advantage. He is offered for absolutely no fault and fully guaranteed. If you want him write today. Address
JOHN T. HIGGINS, Abilene, Kan.

Poland Chinas.
LARGE WITH PLENTY OF QUALITY.
 Handsome young boars, gilts bred or open. Best of large type blood lines. Some boars, herd headers. Satisfaction guaranteed on all breeding stock.
OLIVER & SONS, DANVILLE, KANSAS.

ALFALFA TEA FED POLAND CHINAS.
 Best large type blood lines; bred sows and gilts, the kind both farmer and breeder should raise. If you want to know more about them and how they are raised on alfalfa tea, address.
H. W. HOAK, ATTICA, KANSAS.

SPRING BOARDS and GILTS. Strictly big type. Write for prices and descriptions. Howard R. Ames, Maple Hill, Kas.

NEBRASKA TYPE. A fine lot of summer and fall pigs by Hyden's Big Hadley 2nd, Pan Wonder and Neb. Chief. Bargains in the best. C. C. Ingram, Bloomington, Neb.

POLAND CHINAS Select young boars. Gilts, bred or open. Prices right. Call or Address H. L. BROOKS, LARNED, KANSAS

QUALITY and SIZE Big, Smooth Poland China Boars and Gilts. Write for prices. **LAMBERT BROTHERS, SMITH CENTER, KANSAS.**

HARTMAN'S BIG-TYPE POLANDS
 Spring boars and gilts. Gilts bred or open. No fall sale. Three fall boars. Everything guaranteed.
J. J. HARTMAN, ELMO, KANSAS.

Big Boned Bred Sows
 March and February gilts sired by Gold Mine, bred to Pan Look and Wide Awake; also, tried sows bred to Gold Mine.
Dietrich & Spaulding, Richmond, Kansas.

Becker's Poland Chinas
 Good spring boars. Fall yearling gilts, bred for early spring litters. Some nice spring gilts bred or open. Special prices on summer and fall pigs, either sex.
J. H. BECKER, NEWTON, KANSAS

Klein's Tabor Valley Herd
 Is offering a few choice spring boars at right prices. Also a fine lot of fall pigs not related. Headquarters for Rhode Island Red Cockerels.
L. E. KLEIN, ZEANDALE, KANSAS.

DUROC-JERSEYS.
DUROC-JERSEY BOARS AT \$25.
 I am making special prices now on spring boars sired by my state fair winners. Also a choice line of gilts bred to my prize winning herd boars.
CHAS. L. TAYLOR, OLEAN, MISSOURI.

FALL AND SPRING BOARS.
 Some tried sows and spring gilts bred for spring farrow to our young herd boar, Col. Buddy, by the famous B. & C.'s Col. Priced to sell. Spring boars ready for service \$16.00 to \$20.00. Fall boar by B. & C.'s Col. \$25.00
JUDAH BROS., HIATTVILLE, KANSAS.

BEAVER VALLEY HERD DUROCS.
 Boars and gilts sired by Grand Master Col. II 94903 (Grand Champion and sire of winners at Oklahoma State Fair, 1911), Defender's Col. 112297, Autocrat 94765 and Muncie Col. 113779. Satisfaction guaranteed.
W. A. WILLIAMS, MARLOW, OKLAHOMA.

Pleasant View Durocs. Choice March and April boars.
T. P. TEAGARDEN, WAYNE, KAN.

DORR'S DUROCS. 75 head of big bred gilts, boars ready for service at farmers' prices.
CHAS. DORR & SONS, OSAGE CITY, KAN.

A Fine Offering Bred Sows and Gilts
 Also open gilts and summer pigs. Best of breeding.
R. C. WATSON, ALTOONA, KANSAS.

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W. E. MONASMITH, FORMOSO, KANSAS.

Crimson Wonder Breeding Top boars and sows. Write for prices. A square deal.
DAVID BOESIGER, COURTLAND, NEBR.

FISHER'S DUROCS
 "A chance of a life time." My entire spring crop sired by Old Graduate Col. and Crimson Prince at \$15 to \$25 each. Closing out. Don't delay. Write today.
H. E. FISHER, Danville, Harper Co., Kan.

FALL YEARLING BOARS A few very choice ones; and fall and summer pigs at bargains. Bred sow sale February 8th.
P. C. GARRETT & SON, Bloomington, Nebraska.

Outstanding Duroc-Jersey Herd Boar
 To close up a partnership I will sell CRIMSON WONDER KING, by grand champion Crimson Wonder Again, sire of more prize winners than any other living hog. Crimson Wonder King's dam is by Valley King, grand champion boar of Nebraska and Iowa in 1911. Litter brothers of this boar head some of the best herds in Kansas and the breeder who buys him will add strength and prestige to his herd. I have his dam and three litter sisters in my herd and can not use him longer to advantage. He is offered for absolutely no fault and fully guaranteed. If you want him write today. Address
JOHN T. HIGGINS, Abilene, Kan.

Poland Chinas.
LARGE WITH PLENTY OF QUALITY.
 Handsome young boars, gilts bred or open. Best of large type blood lines. Some boars, herd headers. Satisfaction guaranteed on all breeding stock.
OLIVER & SONS, DANVILLE, KANSAS.

ALFALFA TEA FED POLAND CHINAS.
 Best large type blood lines; bred sows and gilts, the kind both farmer and breeder should raise. If you want to know more about them and how they are raised on alfalfa tea, address.
H. W. HOAK, ATTICA, KANSAS.

SPRING BOARDS and GILTS. Strictly big type. Write for prices and descriptions. Howard R. Ames, Maple Hill, Kas.

NEBRASKA TYPE. A fine lot of summer and fall pigs by Hyden's Big Hadley 2nd, Pan Wonder and Neb. Chief. Bargains in the best. C. C. Ingram, Bloomington, Neb.

POLAND CHINAS Select young boars. Gilts, bred or open. Prices right. Call or Address H. L. BROOKS, LARNED, KANSAS

QUALITY and SIZE Big, Smooth Poland China Boars and Gilts. Write for prices. **LAMBERT BROTHERS, SMITH CENTER, KANSAS.**

HARTMAN'S BIG-TYPE POLANDS
 Spring boars and gilts. Gilts bred or open. No fall sale. Three fall boars. Everything guaranteed.
J. J. HARTMAN, ELMO, KANSAS.

Big Boned Bred Sows
 March and February gilts sired by Gold Mine, bred to Pan Look and Wide Awake; also, tried sows bred to Gold Mine.
Dietrich & Spaulding, Richmond, Kansas.

Becker's Poland Chinas
 Good spring boars. Fall yearling gilts, bred for early spring litters. Some nice spring gilts bred or open. Special prices on summer and fall pigs, either sex.
J. H. BECKER, NEWTON, KANSAS

Klein's Tabor Valley Herd
 Is offering a few choice spring boars at right prices. Also a fine lot of fall pigs not related. Headquarters for Rhode Island Red Cockerels.
L. E. KLEIN, ZEANDALE, KANSAS.

DUROC-JERSEYS.
DUROC-JERSEY BOARS AT \$25.
 I am making special prices now on spring boars sired by my state fair winners. Also a choice line of gilts bred to my prize winning herd boars.
CHAS. L. TAYLOR, OLEAN, MISSOURI.

FALL AND SPRING BOARS.
 Some tried sows and spring gilts bred for spring farrow to our young herd boar, Col. Buddy, by the famous B. & C.'s Col. Priced to sell. Spring boars ready for service \$16.00 to \$20.00. Fall boar by B. & C.'s Col. \$25.00
JUDAH BROS., HIATTVILLE, KANSAS.

BEAVER VALLEY HERD DUROCS.
 Boars and gilts sired by Grand Master Col. II 94903 (Grand Champion and sire of winners at Oklahoma State Fair, 1911), Defender's Col. 112297, Autocrat 94765 and Muncie Col. 113779. Satisfaction guaranteed.
W. A. WILLIAMS, MARLOW, OKLAHOMA.

Pleasant View Durocs. Choice March and April boars.
T. P. TEAGARDEN, WAYNE, KAN.

DORR'S DUROCS. 75 head of big bred gilts, boars ready for service at farmers' prices.
CHAS. DORR & SONS, OSAGE CITY, KAN.

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A Fine Offering Bred Sows and Gilts
 Also open gilts and summer pigs. Best of breeding.
R. C. WATSON, ALTOONA, KANSAS.

BIG TYPE DUROCS Herd rich in blood of Monarch families. 45 head tried sows and gilts in our bred sow sale, February 5. Stock for sale. Send for catalogue.
MOSER & FITZWATER, GOFF, KANSAS.

Prince Wonder 2nd. No boar sale but best for private sales. Gilts reserved for February 7 bred sow sale.
A. T. CROSS, GUIDE ROCK, NEBRASKA

LITTLE OAK DUROCS Early spring boars served for February 22 bred sow sale.
Geo. P. PHILIPPI, Lebanon, Kan.

BONNEY K—Kansas Special
 Spring boars for sale but all best gilts reserved for February bred sow sale.
W. E. MONASMITH, FORMOSO, KANSAS.

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BIG BARGAINS IN REAL ESTATE

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

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

FOR a square deal in best farm bargains in best part of Kansas, write to H. M. BURTISS & CO., Humboldt, Kansas.

SUMNER CO. 160 imp., 120 cult., 60 wheat, good land. Bargain \$3,000. Terms. Write for list. Roth & Martin, Milton, Kansas.

BARGAIN. Improved 80 a., mlie out, \$3,600. Send for land list. F. C. LIBBY, Blue Mound, Kan. J. L. Wilson, Salesman.

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

\$9,000 BUYS this fine level, well improved, close in quarter. Fruit, shade, water, natural gas, good soil. F. D. Culver, Humboldt, Kan.

FOR SALE. Good Kaw bottom farms 17 ml. Topeka. Good churches and schools. On U. P. R. R. Jas. McLean, Rossville, Ka.

LOOK HERE! 80 acres good land nicely improved, 5 miles town, gas well, \$50 per a. Easy terms. Other bargains. Kraushaar & Belding, Pleasanton, Kansas.

COMANCHE CO. 320 a., 160 in wheat, 160 in grass, \$40 a., 480 a., 380 in cult., 220 wheat, \$45 a. 2 ml. good town. Owner, Marshall Barlow, Coldwater, Kan.

MARSHALL CO. bargain, 235 a. river bottom. 200 cult. 35 alfalfa. 25 wheat. House 7 r. 2 ml. city. \$23,500. Terms \$4,500. E. F. DEWEY, Blue Rapids, Kansas.

GENUINE land bargain: 1,760 acres east Finney Co., \$12.50 acre, fine land, get particulars. 10 quarters \$5.50, big profits here. Haines Realty Co., Hutchinson, Kansas.

BEST BARGAINS in Jefferson Co. 111 a. at \$40; 240 a., \$45; 120 a., \$50; 160 a., \$65. All tillable, well impr. Easy terms. Also ex. made. P. O. Box 203, Valley Falls, Kan.

CENTRAL southern Kan. alfalfa lands. 320 a. valley land, 300 suitable for alfalfa, \$8,000. 160 a. valley land in cult., \$4,800. Write for free list. P. H. Thornton, Coldwater, Kan.

MUST SELL. SACRIFICE. 160 Sumner county, highly improved, close to town; 40 acres alfalfa, 60 pasture, excellent farm. Information, Lock Box 285, Wellington, Kan.

FOR SALE. 800 a. well imp. Market 3 ml. 80 a. alf., 65 a. wheat. R.F.D., phone. Genuine bargain. Short time. For photo and des. address Jno. H. Hall, Wayne, Kan.

BARGAIN in ranch lands. 30,000 a. fine grass, abundant water, considerable farm land, \$12.50 a., 1/4 cash, bal. 10 yrs. Can divide. No trades. Taylor & Bratcher, Coldwater, Kan.

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

FOR SALE. Genuine bargain. 320 acres bluestem meadow and pasture. Four-fifths mow or cultivatable, abundance creek water, best of bluestem grass, fine location Bourbon Co., Kan. Chenault Bros., Fort Scott, Kan.

6% FIRST farm mortgages—the safest investment. Security, 3 times amount of mtg. Int. collected and remitted free. Large or small amounts. Write for information and loan list. Graves Farm Loan Inv. Co., Pittsburg, Ka.

120 A. SMOOTH LAND, 2 1/2 ml. of Parker, 4 room house. Good outbuildings. Plenty of water. Price \$5,500. 80 acres smooth land 3 1/2 ml. R. R. 5 room house, good outbuildings, orchard, plenty water, price \$35 per a. 120 acres 3 ml. Parker, smooth land, house 4 rooms, outbuildings, good water. Price \$4,800. W. C. OLDFIELD, Parker, Kansas.

WHY NOT HARPER COUNTY? Healthful climate, fine open winters, agreeable summers, best water, the very best class of people, and all that makes a good home. First class land, at prices that investigation shows better than any other part of Kansas. Write us what you want and can handle. J. E. COUCH LAND CO., Anthony, Kansas.

166 ACRES Osage Co., Kan., highly improved, 4 miles from Quenemo. A fine stock and grain farm, price \$9,000. Terms. 315 acres, 2 miles from Quenemo, 220 acres in cultivation, all bottom land, produced \$3,000 in corn and wheat this year. Price \$13,000. Liberal terms. THE EASTERN KANSAS LAND CO., Quenemo, Kan.

CASH BARGAIN. 240 a. well improved, bottom land close to town. No waste. Part time. Price \$84. Exchanges. Write JESSE SIMPSON, Scandia, Kan.

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160 A. Solomon River Val., good 5 r. house, barn 30x40, well and mill. 50 a. alf., 30 a. grass, 3 ml. to market. Price \$50 a., \$1,500 cash, bal. terms. Corn on farm make 50 bu. to a. I. R. ELDRED, Phillipsburg, Kan.

180 A. good soil, all in wheat, price \$9,000. 160 a. well impr. Wheat and alfalfa. Trade equity of \$5,000 for gen'l mdse. or grocery stock. Price \$10,000. References, 1st Nat'l Bank, Commercial, Citizens and Reno State banks, city. R. F. McDermed, Real Estate Broker, Hutchinson, Kansas.

EASTERN KANSAS farms for rent. Two well imp. farms of 400 and 280 a. Also alfalfa farm of 300 a. for sale. 200 a. growing alfalfa. 1,100 tons in stack on farm. Will take half payment in imp. Western Kan. land. Long time on balance. For information address Box 193, Garnett, Kan.

80 ACRE home farm, 3 1/2 miles from town, half in cultivation, pasture, alfalfa, good water, four room house, barn, orchard. Price \$3,600.00. No trades. Write for free list. V. E. NIQUETTE, Salina, Kan.

FARMS bought at right prices are a good investment. Send for our booklet containing choice bargains in the corn and alfalfa belt of southeast Kansas. Farms, prices and terms are right. Write for it today. MILLER & SON, Petrolia, Kan.

LINN CO. EASTERN KAN. Well improved farms, level, fine soil, corn, alfalfa, tame grass belt. Close to school house, church and towns. \$25 to \$75. Write quick for state map, literature, and bargain list. WAIT & DEAN, Blue Mound, Kan.

80 ACRES located 2 1/2 miles of railroad, 7 room house, barn 30x40, 2 never failing wells, 60 acres cultivation, 10 acres wild hay, 10 a. bluegrass pasture, orchard. Price \$67.50 per acre. Terms to suit. MANSFIELD, Ottawa, Kansas.

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, 468, \$20, all above farms are good prices from \$30 up to \$56 per a. WM. GODBY, Arkansas City, Kan.

DO YOU want this 160 a., 90 cultivation, 30 meadow, balance pasture? Well improved, windmill, tanks, beautiful shade, fine location, fine country, close to school and church, at \$45.00 per a. Ask about it. F. D. GREENE, Longton, Kan.

240 ACRES located 4 miles of railroad, 100 acres wild grass and bluegrass pasture, 25 a. hay meadow, 100 acres corn land, orchard, 7 room house, barn, 2 wells, price \$65 per acre. Owner will trade for a livery stock or residence property. MANSFIELD, Ottawa, Kansas.

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.

LOOK AT THIS SNAP. 160 acres 2 1/2 miles from town. Well imp. All nice smooth level land. Price \$7,000. Terms. Gile & Bonsall, South Haven, Kan.

LOOK BEFORE YOU LEAP. Come to northeast Kansas, (Marshall and Washington Co.) 75 farms for sale. New list ready and free showing land \$11 to \$125 per acre. Pralle Bros. Realty Co., Bremen, 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.

EASTERN KANSAS FARM BARGAIN. 120 a. 3 1/2 ml. town, 100 a. cult., 2 a. orchard, bal. meadow, fair bldgs., windmill and tank; R. F. D. and phone. Price \$45 a. J. C. RAPP & CO., Osage City, 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.

TWO ADJOINING FARMS. 160 a. and 100 a. well imp., 5 ml. from Co. seat and 9 ml. from the best town in S. E. Kansas. A fine layout for two brothers or father and son. A bargain. Write today for description and photos. IOLA LAND COMPANY, Iola, Kan.

LINN AND BOURBON CO. FARMS. Biggest bargains in Kan. Corn, wheat, timothy, clover, bluegrass land \$15-\$30. 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.

THE GRASS THAT FATTENS. I have a fine list of small ranches, from 320 to 1,600 acres in the great livestock county of Butler, Kansas; famous for its wealth in alfalfa, Kafir corn and native grass limestone pastures. V. A. OSBURN, Eldorado, Kansas.

640 a. 8 ml. N. W. of Dodge City, 500 a. in cultivation. 200 a. in wheat, all goes. Small improvements, school on land. Price \$30 per a. Will sell on easy terms for 11 years at 6%. Will consider trade as first payment. Have several good farms to trade for rental property; also 50 quarters near the new railroad now being built southwest from Dodge City. L. L. TAYLOR & CO., Dodge City, Kansas.

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FOR SALE. 320 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.

THINK OF IT. We will sell you 160 or 320 acres of the best unimproved corn and wheat land in Wallace county, Kansas, for \$10 an acre. \$1 an acre down, balance in nine equal payments 8 per cent. THE WARD-SCOTT INVESTMENT CO., Sharon Springs, Kansas.

210 A. ALFALFA land 6 ml. from Emporia. Two sets improvements, \$75 per acre. Write for list of farms and ranches. T. B. GODSEY, EMPORIA, KANSAS.

Business Block Bargain. One story cement block building and lot. Well located in one of the best Kansas towns. Sacrifice sale at \$4,000. For particulars write L. D. ARNOLD, Manhattan, Kan.

181 3-4 A. Read This. For sale or exchange, one of the best imp. alfalfa and hog farms in Eastern Kansas. Owner wants less land, as good, farther north, near college town. Price \$125 per a. Address W. L. MORRIS, Owner's Agency, 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 ml. town. Phone. Level roads. Will sell part or all. Terms on part. Price \$80 per acre. T. F. JOHNSTON, Garfield, Kan.

FOR Sale at Public Auction. MORE THAN 1,000 ACRES OF JACKSON AND POTTAWATOMIE COUNTY LAND WILL BE SOLD IN TRACTS OF FROM 40 TO 160 ACRES DECEMBER 16, 1912, AT ONE O'CLOCK AT THE EAST FRONT DOOR OF THE COURT HOUSE IN HOLTON. THIS LAND WILL POSITIVELY BE SOLD TO THE HIGHEST BIDDER FOR CASH IN HAND. A GOOD TITLE TO ALL LAND SOLD. For particulars write or telephone E. D. WOODBURN, Holton, Kansas.

Farms At Auction. 240 acres 26 miles south of Garden Plain, Kan., only 20 miles west of Wichita. House, barn, granary, fenced, running water, half in cultivation, all good farm land except 40 acres pasture. 70 acres good growing wheat goes to buyer. Part time. Auction at farm Tuesday, Jan. 7th. Auctioneer, Col. Wm. Arnold, Wichita, Kan. For further information address owner. M. M. HAGUE, Garden Plain, Kan.

Sedgwick County Farm Bargains. 280 A. first bottom farm, fair improvements. One mile of R. road town, \$60 per A., \$2,000 cash, will suit you, 101 A. bottom farm one mile of city, 8,000 people. Fine improvements, great bargain \$110 per acre, \$1,000 cash. 320 farm, fair improvements raised 28 bushels wheat per A. this year, \$75 per A. Terms. 30 farm, improved, good land, near city, \$80 per A. 21 A. farm, well improved, suburbs of Wichita \$6,500. Call on or write. H. E. OSBURN, 227 E. Douglas Ave., Wichita, Kansas.

CALIFORNIA. CALIFORNIA country home for sale. P. O. Box 121, Mountain View, Calif.

GEORGIA. FOR SALE—2 large apple and peach orchards. Located in famous Georgia Peach belt. For particulars address C. S. PERRY, 1722 St. Elmo Ave., Chattanooga, Tenn.

CANADA. OWN YOUR HOME IN CANADA. Buy a farm in Sunny Southern Alberta, any size, easy terms. Climate ideal, soil unequaled, no crop failures, no personal tax. Write today. LYNN W. BARRETT, Aldersyde, Alberta.

FLORIDA. WE WILL sell you land and allow you to pay nearly two-thirds of the purchase price from one-half of the proceeds from the sugar cane crop, and contract for all the cane you raise at a price that will net you \$63 per a. Write for particulars. HOWARD-PACKARD LAND COMPANY, Sanford, Fla.

Truck and Fruit Land. The Wauchula Development Co., capital stock \$300,000 controls the largest, richest, most available and dependable combination Truck and Fruit tract in Florida, at Wauchula, Desoto county. Good town on main line railroad surrounded by growing orchards and truck farms; 10 and 20 acre tracts, easy payments. Within 2 1/2 miles of railroad. Best proposition in the state. Active agents wanted at once. L. H. SLAUGHTER, Gen'l Agent, 300 Rialto Bldg., Kansas City, Mo.

A Remarkable Bargain. 320 A. all level land, 65 a. in cult., 80 a. pasture; bal. saw and the timber. 180 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 ml. to North View on Frisco R. R. 5 ml. to Fairgrove; 8 ml. 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 PUDRY & COMPANY, Springfield, Mo.

ALFALFA FARM ADJOINING TOWN. 1,040 a. alf. and hay ranch; 100 alf., 300 more suitable; 500 hay meadow; adjoining R. R. town; highly impr. \$40 a. Other bargains. WILL C. ISRAEL, Benkelman, Neb.

LOUISIANA. NORTH LOUISIANA railroad land, best in U. S. Low prices, 15 years' time. Write for literature. Hugo Jacobson, Salina, Kan., Immigration Agt.

TO HOMESEEEKERS AND INVESTORS. Can suit anyone wanting home in Louisiana; thousands of a. of timber land, when timber is removed make fine farm and pasture land. G. B. HAYNES, Monroe, La.

Ruston, Louisiana. is the best place for a tenant farmer that only has a little money to own a farm. Rich fertile soil—Ample rainfall.

Healthy Climate. Two crops a year—Good markets. \$10.00 to \$25.00 an acre, easy terms. No floods, mosquitoes or swamps. Write for illustrated literature. NORTH LOUISIANA REALTY & INV. CO., RUSTON, LOUISIANA.

Highest Elevation in State. NO MOSQUITOES, NO MALARIA. Good water, fine alfalfa and corn land, ample rainfall, 11 railroads, 100 miles from overflow district. Iowa, Missouri, Kansas, Nebraska and Oklahoma people living here and all satisfied. Shreveport, best town in state, center of oil and gas belt, by far the best lands in the South. \$10 to \$50 an acre, improved and unimproved. Buy your ticket to Shreveport, the key of the South. Louisiana Farm Lands Company. W. A. Jones, Sec'y, Shreveport, Louisiana.

There is Lots of Louisiana Land That Will Produce Three Times Its Cost Every Year. Louisiana is in a class by itself. For rich land, big crops, low prices. It makes no difference if you are rich or poor, an owner or tenant, where you live, or what you are interested in, Louisiana offers you more opportunities, more show to get ahead, bigger returns for your work and investment, than any other section on the North American continent, barring none. We have soil here that is so rich it could be used to fertilize your northern farm. We can raise the biggest kind of crops of corn and alfalfa; fatten hogs and cattle for half the money it costs in North or Middle West, and this land can be bought from \$10.00 to \$25.00 per acre. We have issued a nice illustrated booklet with a number of fine photo engravings showing the splendid growing crops of this country. It tells FACTS in big letters about this section in a simple and a plain way. It is free to you just for the asking. Every farmer should read this book for the information undoubtedly will prove to be of great value to you; it probably will give you the opportunity of making an investment, the best you ever made in all your life. Farm for yourself; farm in Louisiana and particularly farm in Alexandria district. Sit right down now and write us a letter for full information about this most wonderful section of the country. COOK-ALEXANDER LAND CO., Alexandria, Louisiana.

MISSOURI. Fairview Farm \$800. Fairview farm is in Douglas county, Missouri; 2 miles from Pansy inland village, 9 miles east of Oldfield and 11 miles west of Ava both railroad towns; 20 a. cultivated balance timber, 50 a. tillable; good 3 room house, barn and outbuildings; nice orchard and fine spring near house; on public road and 1/2 mile to school. Price \$18 per acre. It's a real bargain. H. B. WANN REALTY CO., 205 N. Campbell St., Springfield, Mo.

Famous Blue Grass Land. 480 a. 1 ml. King City, Gentry Co., Mo. 31 ml. N. E. St. Joseph in famous blue grass belt. Well fenced and watered, large barn capable of housing 150 horses, 2 stallion stables with 10 box stalls and corrals, hog house and cattle sheds, 7 room house, large dipping tank for horses, mules, cattle, hogs, with steam boiler. Farm mostly in blue grass for last 15 years, splendid timothy and clover. Will sell from 40 acres up, on terms to suit. Best stock, grain and blue grass farm in Mo. Price \$90 per a. W. L. Bowman Realty Co., King City, Mo.

ALFALFA LANDS \$40 to \$50 ACRE. EAST END OF HODGEMAN COUNTY. Very best bottom land, with running water, some timber. Excellent wheat land at \$20 to \$30 per acre. Come and see or write for list. M. W. PETERSON, Hanston, Kan.

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COLORADO.

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

FOR choice Irr. farms near Loveland, Colo., write Arthur H. Goddard, Loveland, Colo.

950 A. El Paso Co., Colo., 400 bot. alf. land, bal. valley. Water 10 to 30 ft., farming 300. \$18 a. A snap. E. J. Votaw, Wichita, Kan.

SAN LUIS VALLEY, Colorado, 160 a. 3 ml. good R. R. town; lays fine; plenty of water; partly cleared and ready for plow; 4 room house; small stable; only \$40 a. Worth \$60; small cash payment; bal. long time 6%; Write owner. E. G. BYLANDER, Sedalia, Mo.

SNAP 320 acres rich fertile land 1 1/2 miles from store and country postoffice, 18 miles from county seat. Price \$1,000. Fine proposition. Investigate. CHAS. PURDY, Box 359, Akron, Colo.

GOLDEN opportunities for a home and investments—NOW. Fine farms, ranches, \$8 to \$10 per a. A few relinquishments. Did you see "bleeding, alms-receiving Kansas" become the wealthiest state per capita? Only a few hours' west of Salina, no finer soil on earth; 50 schools, 4 banks, churches, best of Colorado. Now. Pamphlet. R. T. CLINE, Towner, Colo.

COLORADO

80 ACRES IRRIGATED, \$6,500. Close to town and Denver. House, barn and cultivated water right. Fine soil. L. A. COBB INV. CO., Denver, Colo.

EASTERN COLORADO, Rich, level, corn, wheat and alfalfa land \$10 to \$30 per a. Write to or call on G. W. DINGMAN, Stratton, Colo.

EASTERN COLORADO offers unsurpassed opportunities for home seeker or investor. Can furnish lands in any size tracts, at lowest prices; stock ranches a specialty. Write for free county map and des. matter. F. E. EWING, Hugo, Colo.

ALFALFA LAND \$5 PER ACRE. 2,560 acres of land, from 300 to 500 acres as fine alfalfa land as there is in the U. S. About 1/2 of the tract farming land, balance grazing land. One mile of running water. This is offered for a quick sale. No trades. Let me tell you about it. CARL M. COOK, Limon, Colo.

PART TRADE, bal. your terms. A No. 1 stock and dairy farm, produces enough for 350 head stock, best hay and farm land in Colo., \$20,000. Modern buildings, cement silo, living water. On R. R. 2,000 a., all for \$25 per a., worth \$50. Description. KEEN BROS., Pueblo, Colo.

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GOOD corn and rice land. Cheap. Easy terms. See W. P. Cook, Brinkley, Ark.

GOOD fruit and farm land, cheap; terms. S. L. Consalus, Mammoth Springs, Ark.

GET our booklet "Arkansas Farm Lands," Holman Real Estate Co., Little Rock, Ark.

80 ACRES partly improved \$600. Other lands. F. E. Jones, Mammoth Springs, Ark.

LARGE and small improved farms in all parts of Arkansas for sale. Write Chambers Realty Company, Little Rock, Ark.

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

ARKANSAS RIVER BOTTOM plantations, virgin timber lands, small farms. Send for list. Dumas Realty Co., Dumas, Ark.

RED RIVER corn and alfalfa farms, \$20 to \$50 per acre; income \$50 to \$60 per acre. List free. L. A. JUSTUS, Foreman, Ark.

YAZOO-DELTA Black Alluv. lands, Upland farms Ark., Miss. and La. Gulf Coast truck farms. Galbreath Bros., Memphis, Tenn.

520 ACRE FARM, one-third cultivation, 6 room house, nice soil and productive. Price \$8 per a. Terms. Polk Real Estate Co., Little Rock, Ark.

GET A HOME NOW. 110 acres 5 miles out; good improvements, good land, close to school, \$9 per acre. Write for particulars. T. D. Halle, Calico Rock, Ark.

DO YOU want a farm in Arkansas? If so, write for my illustrated book. Imp. and unimp. prairie, timber and rice lands. Write me today. Olaf H. Kyster, Stuttgart, Ark.

CORN, FRUIT, ranch and wheat lands; sandy loam soil; \$10 to \$25 per a. On good terms. Write for new list, mailed free upon request. Mansfield Realty Co., Mansfield, Ark.

CHOICE southern farms, ranches, plantations. Big crops—sure crops—winter crops. More money, less work, good health. McKinney Land Co., 78 No. Main, Memphis, Tenn.

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

430 ACRES rich dark loam land; 120 cultivation; bal. timbered; level, no rocks; 1 ml. R. R. \$12 acre, 1/2 down. ROBERT SESSIONS, Winthrop, Ark.

BARGAIN—1,567 acres fine land; 1,200 acres rich bottom; 700 acres in cultivation; 6 tenant houses; good water, good health, \$21 per acre; small cash payment, easy terms. Farms all kinds and sizes, cheap. J. T. Carlton, De Queen, Ark.

80 A. farm 3 miles out, level as a floor, well drained, no hills, no rocks, improved second bottom, no swamps or overflow, \$1,500. 120 a. better improved, fine as you want, \$3,000. List and description free. ED HOPKINS, Kensett, Arkansas.

MISS., ARK., AND LA. FARMS in the Mississippi Valley are the best and cheapest. Write for list. No trades. HURST TRUST CO., Memphis, Tenn.

A REMARKABLE BARGAIN. 623 ACRES; good 8 room residence; two tenant houses; 130 a. cultivation. 2 mi. railroad town. No wash land. Price \$10 per a. Other lands. R. C. THOMAS, Magnolia, Ark.

ARKANSAS LAND. 17,000 acres, all tillable, no rock or hills, for sale in small farms, Grant county, \$1.50 per acre cash, balance 20 years at 5 per cent. Can employ 60 men and teams. E. T. TETER & CO., 210 W. 2nd St., Little Rock, Ark.

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For Sale in Southwest Arkansas 80 improved farms at a price ranging from \$15.00 to \$40.00 per acre. Write for literature. SOUTHERN REALTY & TRUST COMPANY, Ashdown, Arkansas.

620 A. Bottom Land or any part thereof at \$15 per acre, within two miles of two railroads, no overflow, level, fine grass land, good hunting and fishing. We don't care for all cash, 1/2 section of timbered land, about 20 acres cleared, level, no rocks, at \$15.00 per a. Also a few improved farms. Write us, we will take care of you. M. & B. TIMBER CO., Farm Department, Malvern, Ark.

\$1.50 Per Acre Down BALANCE 20 YEARS AT 6 PER CENT. To close out the Frank Kendall Estate we will offer 20,000 acres of very fine agricultural cut-over lands located 2 to 10 miles of Pine Bluff, a city of more than 25,000 population. Fine climate. No cold winters; 48 inches rainfall per year. Good schools and churches. These lands are selling rapidly at \$15 per acre. See or write FRANK KENDALL LUMBER CO., Pine Bluff, Ark.

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DON'T BE HOMELESS. Look at price. Comfortable house, barn, cow stalls, fine water, no swamp or mountains; fruit; 3 miles to railroad town, 1 mile to school. Good roads. \$750 buys it. \$400 cash. HALL'S FARM AGENCY, Owego, Tioga Co., N. Y.

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WE HAVE irrigated alfalfa, fruit, and grain lands, either improved or unimproved, in all sized tracts, located in the famous Pecos Valley of New Mexico, that we can sell very reasonably or can exchange for property elsewhere, and if interested in settling in one of the finest and most productive climates in the world, write us fully, for further information. W. S. BROWN, Dexter, New Mexico.

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"HOMESTEADS." Do you or your friends want a 160 or 320-acre homestead? Here in Nevada you may take 230-acre homesteads, and under the new homestead law you are entitled to five months off each year. I have a "NEW VALLEY," where water is obtained from 10 to 20 feet and good land has been tested and found very satisfactory; railway close. "LOCATION FEES REASONABLE," all work guaranteed; good people wanted. These lands will produce all kinds of crops except citrus fruits. IF YOU MEAN BUSINESS and want good lands answer this at once. L. C. DOLLEY, Box 179, RENO, NEVADA.

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FREE. Taylor's Texas Investor (Magazine). A money saver, write now; six months free. H. S. Taylor, Houston, Tex.

160 A. improved, \$35. 40 a. improved \$45. Easy terms. Close in, black soil. Artesian water. J. H. Cope, Palacios, Tex.

BARGAIN FOR CASH. Trade for improved land. 108 acres fine onion land in artesian belt, in Nuaces Valley, S. W. Texas. Box 396, Madill, Okla.

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THE BEST cheap land proposition in the United States today. Wheat yielding from twenty to forty bushels per acre, all other crops equally good. Write us for particulars. J. N. JOHNSON LAND CO., Dalhart, Tex.

580 ACRES FOR SALE. Will take in some draft brood mares. EAGLE LAKE INV. CO., Eagle Lake, Tex.

Real Values in Mid-Coast Texas. "THE LAND BROKERS CO." help you to BUY DIRECT FROM THE OWNER." Palacios, (By the sea) Texas.

IDEAL STOCK RANCH. 15,332 a. 3,000 cult. Fine imp. 15 flowing wells, fine land, \$22.50 a. Produce buyer, get half the com. D. W. GRANT, Palacios, Tex.

\$50.00 GIVEN TO YOU. \$50.00. To everyone purchasing 100 acres of land thru my agency I will give \$50. If you buy more you get more. Write for literature and list—all bargains. J. C. Schofield, Edna, Tex.

BRAZORIA COUNTY, TEXAS. 1,000 acres, sandy loam, prairie land, well drained; very fertile. Price \$20.00 per acre. Terms. Write me for bargains, any size tract. W. D. GRAHAM, Velasco, Tex.

BUY COAST FARM LANDS. We make a specialty of locating the best for the money for the homeseeker and investor. For list and free information write C. H. Standiford Land Co., Houston, Tex.

HALF THE PRICE You pay in the North, or less, will purchase prairie land, 160 acres up. Will yield 40 bushels corn per acre, only \$40 per acre. Plenty rain, fine climate. Have some exchanges. See or write JNO. C. PENN LAND COMPANY, Houston, Tex.

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READY MADE FARMS. Why rent when you can buy a 40 a ready made farm for \$100 per a. and up? Easy terms. Thrifty farmers make \$2,500 to \$3,000 a year. Corn makes 60 to 70 bu., potatoes \$150 per a. For proof write. THOMAS A. SCOTT & CO., Houston, Texas.

TEXAS ACREAGE—TRUCK FARMS—HOMESITES.

25 minutes from Houston's business center, fastest growing city in Southwest. Rich soil, ideal climate. Convenient transportation by interurban, steam or finest shell boulevard in Harris county. 5 a., \$10 down, \$10 month, nom. int., no taxes. SOUTH TEXAS MORTGAGE COMPANY, Houston, Texas.

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

LANDS and city property, sale or ex. in N. Okla. McCollum Bros., Nowata, Okla.

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

SALE—Exchange. E. Kansas lands, etc. Write today. Baylor & Royer, Valley Falls, Mo.

ANDERSON COUNTY farms for sale or trade. Write for descriptions. Iler & Simmons, Garnett, Kan.

FINE improved farms in southern Kansas for sale or exchange. Send for literature. C. S. Clark, Parsons, Kansas.

FOR SALE OR EXCHANGE for eastern land, improved 1/2 section in Logan Co., Kan. Lock Box 281, Holton, Kansas.

FOR SALE OR EXCHANGE—List your farms and city property with Geo. R. Rineberger, Real Estate, Elmdale, Kan.

WE BUY, sell, exchange anything, anywhere of value. Ozark Co-operative Realty Co., Willow Springs, Howell Co., Mo.

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

SOUTH MO. imp. lands for sale and exchange; low prices. Write to or call and see Goff, Sass & Co., Willow Springs, Mo.

BARGAINS in southern Kansas farms. \$40.00 to \$75.00 per acre. Exchanges. Send for list. N. F. Paulin, Parsons, Kan.

TO EXCHANGE for hdw. or general mdse., improved rice plantation in Louisiana. H. C. Whalen, 213 Biting Bldg., Wichita, Kan.

240 ACRES, 1/2 ml. of Westphalia to trade for land in Marion or Dickinson counties. Write Triplett Land Co., Garnett, Kansas.

FARMS and ranches for sale or ex. Send full particulars of what you want and where you want it. M. F. Simmons, Kansas City, Mo.

GET OUT of business and rest a while. Let me trade the business for land. I can do it. Write me. Harry Porter, Quinter, Kan.

NEW brick bldg., clean genl. stock and residence, \$8,500. Want improved 80 east or central Kansas, clear or nearly so. Buxton Land Co., Ulica, Ness Co., Kansas.

BARGAINS in South Mo. corn, clover and bluegrass land. Exchanges a specialty. Trades matched anywhere on earth. Write Co-operative Realty Co., Humansville, Mo.

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-Forssee Bldg., St. Joseph, Mo.

Investor

Do you want to purchase or trade for land that grows big corn and 7 crops of alfalfa per annum? If you do, call on or write W. E. WILSON, Walters, Okla.

Bargains in Land

Over 3,000 farmers transact business in Live Stock Exchange weekly—some are re-enting, others closing out estates cheap—but they all list their bargains with us. We can positively cite you to more land bargains than any other agents. Corn and alfalfa farms for sale in Eastern and Central Kansas and several near Kansas City. List sent free. Kansas City property for sale or trade for farms and ranches. SHEERAN STOCK YARDS LAND CO., 609, Live Stock Exchange, Kansas City, Mo.

SEDGWICK COUNTY CORN AND ALFALFA FARMS

Butler county farms and grazing lands for sale and exchange at lowest cash prices. Can guarantee a profit on any investment made through us. Write us today.

The Leach Realty Co.

401 East Douglas Ave., Wichita, Kansas.

TOUCH a live wire. Our Red Letter Special will trade your property. List today. Guaranteed deal. Write for particulars. Midwest Realty Exchange, Riverton, Neb.

WILL TRADE a good city property in northern Kansas; cost over \$5,000; clear, for western Kansas land. Might put in some cash. Write Kysar Realty Co., Goodland, Kansas.

FOR SALE AND EXCHANGE; land in the Ozarks, the Switzerland of America. \$5 to \$25 per a. Stock and poultry raising and general farming. "Facts Worth Knowing" free. J. A. Wheeler, Mountain Grove, Mo.

BARGAINS in alfalfa and general grain farms, merchandise and income properties. Exchanges a specialty. Send for literature. J. D. P. NEAU, La Cygne, Kansas.

\$5,000 IMPLEMENT stock for good Kansas land of equal value. A. W. BREMEYER, McPherson, Kan.

FREE—Loose Leaf Exchange Book. It will match your trade. Write Desk A. E. P. JOHNSON, Ordway, Colo.

BRICK HOTEL, 3 stories, and basement, all modern, first class, fifty rooms, price \$20,000, clear, to trade for land.

OAKLEAF & HILL, Cherryvale, Kan. FOR SALE—Choice wheat, corn, and alfalfa lands, in Clark, Ford, and Meade Cos. Write for list, trades.

TO SELL OR TRADE. An ideal dairy and stock farm 2 miles of city, also 1/2 of the entire interest in a good business in a good city in Kans. J. M. MASON, Columbus, Kans.

FOR SALE AND TRADE for improved Kansas land. \$12,000 stock general mdse. Also a \$2,000 stock general mdse. Central Kansas town of 500. New blacksmith shop and tools, price \$3,000. Describe what you have. New lively barn with rigs and dray line for sale, only \$2,600. BOX 303, care Mail and Breeze, Topeka, Kan.

FOR SALE AND EXCHANGE Ozark lands in tracts to suit, \$4.00 acre up. List free. Anna E. Hockensmith, Ava, Mo.

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

FOR SALE OR EXCHANGE. for larger farm. 80 acres, 80 rods Leeton; 50 acres 2 1/2 ml. Leeton. S. H. DAVIS, Owner, Leeton, Mo.

FOR EXCHANGE. 320 a. creek bottom, alfalfa land, impr., 225 a. in cult., 5 ml. county seat, near school. Address W. J. Williams, Wakeeney, Kan.

LAND FOR MDSE. 200 a. Chautauqua Co., Kansas, \$6,000; \$9,000 general mdse., want good Kansas land. Write for exchange list. HUNTER BROS., Independence, 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.

GOOD BARGAINS IN MISSOURI LANDS. Now's the time to buy, while lands are cheap. Howell Co. products won 1st prize at Missouri State Fair. We sell, we trade; what have you to exchange? "Write Kirwan & Laird about it." West Plains, Mo.

FARM BARGAINS. Farms, ranches, city property and merchandise; for sale or exchange, any size, any price, anywhere. Write for large free list. SEWELL LAND CO., Garnett, Kan.

WANT TO RETIRE. Will sell my 1,640 acre ranch all stocked, everything in first class shape, 320 irrigated, (house modern), would accept small place as part payment and one half the crops and one-half increase of stock until paid for State what you have to buy with, enclose stamp. C. F. FAX, Haigler, Dundy Co., Neb.

HOW ABOUT THESE? 40 acres good land for rental property. 80 acres Kansas land for Missouri land. Stocks merchandise for land. Fine improved 240 a. for rental property. Other dandy trades. Write for particulars. FOSTER BROTHERS, Independence, Kan.

FOR EXCHANGE. Improved 160 acres, bottom land in Allen Co., Kansas, worth \$12,000.00, will exchange for mdse. or hdw. in North Missouri, Ill., or East Iowa. Also good 200 acres and 80 acres at a bargain for cash, easy terms, good homes and fine land. Write for fuller description if interested. WILSON & RESSEL, Colony, Kan.

HOLIDAY EXCURSIONS

December 17th and January 7th to Collegeport, Texas, the Gem of the Gulf Coast Country. Fare \$32.50 round trip, good for six months. Fine service in our own private cars. An ideal time for hunting, fishing and boating. A free boat cruise on the beautiful Trespalacios and Matagorda Bays, inspecting the new government Inter-Coastal Canal, which will soon be open to the world. Free auto trips over our 76,000 acres of the choicest land in Texas. We own and control over 35 miles of the finest high, protected bay shore land in America, which is being developed on a magnificent scale, making it unexcelled for farming, gardening, fruit growing, and homes and villas. New towns, beautiful sea-side resorts and new ports opening. Exceptional opportunities now offered to farmers, investors and business men. Improve this rare chance to see for yourself. Local agents wanted. For further information, call on, or address, E. R. Bailey, District Mgr. of the Burton D. Hurd Land Co., Dept. A., No. 1107 Waldheim Bldg., Kansas City, Mo.

What First County Man Is Doing

(Continued from Page 3.)

dollars on the right side of the ledger at the end of the year.

The Hessian fly is abundant in this county this fall and in a number of cases farmers have been shown in their own fields how the insect causes damage and in what condition it passes the winter. With his interest aroused and the example before him it is not difficult, by means of relating the life history of the insect to convince a farmer that late sowing is the only means of controlling this insect. He believes when he knows the reason.

The chinch bug also is present in unusually great numbers and we are organizing to destroy the pest by fire. A cow-testing association is under way and every one familiar with conditions in the older dairy countries knows that the benefits to be derived by everyone concerned from such an organization are almost unlimited.

A most important part of the work is that concerning the younger generation. This fall a seed corn campaign was conducted. The purpose was to have as much seed corn as possible gathered before severe freezing weather and stored properly. Short talks were made at the school houses and reasons given for fall selection being the better method with figures to show how much better, from the tests made by the U. S. department of agriculture. All the teachers and pupils were greatly interested. This will mean many more bushels of corn for this county next year. The work with the schools will be continued, subjects appropriate to the season being discussed.

A Babcock milk-testing outfit will be used to explain the principle of the machine and to demonstrate its value to the dairyman. This machine is kept in the office on office days and used in testing milk and cream brought in by farmers to check against the test received when selling.

The farm adviser's office has been used to some extent as an exchange bureau or clearing house between farmers. So far this has been confined to breeding stock; bringing buyer and seller together, but the opportunities in this direction are great as the farmers become more familiar with the work. Seed corn, seed wheat, in short, seeds of all kinds and any produce, for which there is not a ready market, will make up the list.

For the winter a meeting is planned in every community, with the purpose of having the "live ones" in each locality discuss pertinent problems and to have farmers bring to each other the results of their experiences. These meetings will furnish an excellent opportunity for impressing what has been learned during the crop-growing season. For instance, the Hessian fly being of

Here's the Best Christmas Gift!

A BIG-VALUE BOOK OFFER TO MAIL AND BREEZE READERS.

"Kansas in the Sixties," by Ex-Governor Samuel J. Crawford.

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

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

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

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

great importance this fall, data from fields in this county is being collected now to show in what degree late sowing prevents damage. Every infested field of which I can learn is listed with date of planting, and other conditions noted that might account for the fly's presence, such as volunteer wheat, etc., and this can be used in a study of the best means of eradicating this pest, and of enabling every farmer in the county to become familiar with the insect and the means of its control. Dealing with subjects that concern farmers immediately will make these meetings worth while.

Arrangements have just been completed with the veterinary department of the Agricultural college, whereby in case of outbreak of hog cholera, I am to do the vaccinating of hogs free of charge for farmers belonging to the club. This work will include the serum treatment and the simultaneous treatment of hogs to prevent hog cholera and the vaccination of calves against blackleg. This service will probably save thousands of dollars to the farmers.

Several farmers are already doing demonstration work. In some cases testing the yielding qualities of different wheats, some varieties new to this vicinity being furnished by the Agricultural college, to determine if there are any varieties that will outyield those commonly grown. Several others have agreed to do demonstration work in the preparation of the seedbed for corn. This consists of preparing a portion of the field in accordance with specifications of the agronomy department and the yield of this portion compared to that from ground prepared in any other way. This will demonstrate beyond a doubt the value, or lack of value, of methods advocated by the college authorities. The same principle will be followed out with preparation of seedbed for wheat and for alfalfa, the feeding of stock, housing of poultry, care of orchards and in a number of other ways that will suggest themselves from time to time. This is the only way to effectually meet the contention that college methods produce results but are not practical.

School Fund Farm Loans

(Continued from Page 7.)

and a farmer should have from 8 to 12 years for re-payment of loan and interest, with entire payment of principal and interest figured out for semi-annual payments, January and July, with privilege of making two or more payments at any regular "payment time." He should also have the privilege of carrying one payment over to the next "payment time," when reasons for same seem good to the state land commissioner.

Build Up Farm Ownership.

Let the speculators and eastern financial concerns buy our municipal bonds and let us put our 9 million dollar school fund into building up the finest system of farm ownership in the world. Oregon has been lending her school fund in this way for 40 years. Why are we so far behind? We want the thoughtful and patriotic farmers and bankers of Kansas to work out a system that will be fair to all and yet helpful to the agricultural life of Kansas. Then by the time this school fund has been loaned for two years we will develop other systems whereby more millions may be available for long time loans, when every clear headed young Kansas farmer may plan the purchase of a farm with no fear of foreclosure: systems that will let the farm pay for itself, and at the same time let the farmer take care of his family and his farm.

Hardwood Tree for Kansas

(Continued from Page 11.)

posts, poles, and fuel. It is highly prized as fuel wood. As a living tree, it is especially valuable for woodlot, street, and yard planting in the plains region.

It Is Propagated From Seed.

The Honey locust is propagated entirely from seed. The pods are gathered in October or November and when thoroughly dried, can be run through a threshing machine. The seeds and fragments of pods can then be separated by running them through a fanning mill. If

only a small quantity of seed is desired, it can be shelled by hand.

The seed will keep for years without losing vitality. Before it is planted, it is soaked in hot water for several hours, or even days, to soften the coat. It is then planted in well prepared ground in rows 3 or 3 1/2 feet apart. At the end of the growing season the seedlings are from 6 to 20 inches in height. The larger plants at 1 year old are ready to set in the permanent plantation, and the smaller ones are transplanted to nursery rows for another year or two's growth.

Editorial News Notes

(Continued from Page 23.)

at that far-distant time has grown and strengthened, and the Christmas music of today is looked forward to as one of the special delights of Christmas-tide. While there is this special association with the music of the Christmas season, the rest of the year may also present its claim for music's charm. But many people, especially those who do not live in cities, find it difficult to get music into their lives. The farmers and country village people are unable to hear the finest singers, for they sing only in the big cities. Great orchestras, great operas, great individual singers, are out of reach of the country people. Even at such special seasons as Christmas they must be content with local talent; and good as that may be, it cannot be expected to be as thrilling and inspiring as the renditions by the greatest singers. But a splendid opportunity to bring the best music into the Christmas celebrations, and also into the daily lives of the country people is provided by the Victor. An abundance of Christmas music and the precious Christmas hymns will be found listed in the catalog of its records. And while the country resident may not be able to hear the Christmas music in the grand churches of the cities, he can hear it at its best in his own home with a Victor. Besides the Christmas music, every other kind of melody is found on Victor Records. The gayest and most rollicking dance music, stirring military bands, tender love songs, comic dialect ditties—all are brought within the reach of every household. These facts make the Christmas season a time especially to decide that the possibilities of your home life ought to be enlarged by a Victor. No Christmas surprise for the family will be more charming, no gift will furnish more abundant entertainment and delight. If you do not know the Victor, go to the nearest dealer and he will gladly play some records for you. Have him play a Christmas carol, and you will understand how the Victor will add to your Christmas festivities. Or write to the Victor Talking Machine Co., 24th and Cooper Streets, Camden, N. J., and they will send you their handsome catalogues, which will help to show you what an acceptable and appropriate Christmas gift a Victor would prove and what a source of pleasure it would be not only at Christmas time, but throughout the entire year. See the Victor ad on page 12.

You can pay the freight on your ground feed by selling your empty bags to the Fredonia Linseed Oil Works, Fredonia, Kansas.—Adv't.

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

OKLAHOMA

EASTERN Okla. corn, alfalfa, wheat and fruit farms, \$10 to \$50 per a. Write Ebey & Harrison Bros., Ada, Okla.

FOR QUICK SALE, 140 acres, improved farm, 6 miles of McAlester, Okla., \$25.00 per acre. Easy terms. Ed Cole Realty Co., McAlester, Okla.

WHY NOT come to Bryan county, Oklahoma, where you can raise anything that grows? For information write JOHNSON & MARSHALL, Durant, Oklahoma.

BARGAIN IN KAY CO. 240 a. smooth black land, 5 mi. market, imp., good water. Price \$27 a. \$2,000 cash, bal. terms. Write Stevens-Cronan Realty Co., Newkirk, Okla.

640 A. covered with grass and timber. Water. Fine grazing propositions. \$2 per a. Plenty of pasture propositions, practically all prairie, \$6 to \$8 per acre. Better buy this grass land while you have chance. Title from government. Write us. SOUTHERN REALTY CO., McAlester, Okla.

POCKET MAP OF OKLAHOMA for five names of persons in... to change. Caddo county corn and alfalfa land. BALDWIN & GIBBS CO., Anadarko, Okla.

Oklahoma Wants You 500 choice farms good. Easy terms. Soil and climate excellent. Write for list. Roberts Realty Co., Nowata, Okla.

Eastern Oklahoma

Land \$3.00 to \$25.00 per a. Prices are steadily advancing—now is the time to buy. If you want a good, cheap home, or a money making investment, write to or call on W. T. HARDY, McAlester, Okla.

Rare Opportunity

Best 460 in N. E. Oklahoma. Grandly improved. Rich in mineral. Mortgaged. Price very low. Take land for all or part of equity. Rather prefer location farther east. Box 63, Care of Farmers Mail & Breeze.

AMERICAN REALTY CO.

Are offering Splendid Bargains in Stock and Grain Farms. Our Specialties—Impr. ALFALFA, Fruit and Poultry Farms. We have the Farms they all want, fine location, near towns, good schools, and churches, fine climate; excellent water. Send for lists, then see for yourself. 304-6 Surety Bldg., Muskogee, Okla.

OKLAHOMA

EASTERN OKLAHOMA farms for sale by owner. Write W. A. Hancock, Pryor, Okla.

N. E. OKLA. prairie farms. Easy payments. Write J. T. Egan, Vinita, Okla.

INDIAN LANDS eastern Okla. rain belt. Write J. J. Harrison, Pryor, Okla.

600 FARMS and other prop. for sale or ex. Blackwell Real Estate Co., Blackwell, Okla.

BARGAINS in Tex. Co. farms. Some ex. Write for list. Harvey Cox, Hooker, Okla.

FOR SALE. Quarter section creek bottom, near Medford, Oklahoma. A bargain. Owner, E. E. Church, Iola, Kansas.

FOR SALE—320 a. 3 1/2 miles Co. seat; all smooth, all fenced with American woven wire; extra large barn; \$20,000; pay \$5,000 cash, terms to suit on balance; smaller farms on same terms. J. H. FUSS, Medford, Okla.

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.

80 A. farm, \$1,800 impr. Write picture, E-Z terms, Box 594, Mt. View, Missouri.

230 A. farm well impr. \$12.50 per a. Other farms. Summerville Land Co., Summerville, Mo.

STOP! Listen! 40 a. farm \$350. Terms. Other farms. McGrath, Mountain View, Mo.

CHOICE Vernon Co. prairie farms. Easy terms. \$20-\$60 a. W. H. Hunt, Schell City, Mo.

FOR FARM BARGAINS in the corn belt, see or write Elliott & Coleman, Pleasant Hill, Mo.

STOP today. Write King & Coon for book, Polk Co. land. King & Coon, Flemington, Polk Co., Mo.

FARMS for sale in Northwest Missouri. Write Booher & Williams, Savannah, Mo., for list. No trades.

LOOK HERE! 160 acres good land, well imp., 1 mi. town. \$3,300. Other farms. Chas. Rowlett, Trask, Mo.

200 A. 4 ml. R. R. town. Unimpr. Running water. 25 a. bottom, good grass, good timber. \$2,000. Baker Realty Co., Mountain Grove, Mo.

MO. lands, impr. and unimpr., low prices, easy terms; booklet "Why Not Missouri?" free. Exchs. made. C.L. Beach & Co., Mansfield, Mo.

WELL imp. 160 acre farm, 6 1/2 miles out; \$4,500, on easy terms. Write for particulars. DeMotte Realty Co., Mountain Grove, Mo.

MO. farms, \$25-\$60 a. Prices rapidly advancing. New list and folder free. German community. J. H. Frederick, Cole Camp, Mo.

FREE, "The Ozark Region." Contains new list cheap lands, and valuable information. Durnell & McKinney, Cabool, Mo.

SEDALIA, Pettis Co. Finest agri., livestock and bluegrass sec. in state. Farms for sale. Morris Bro. R.E. & Loan Co., Sedalia, Mo.

WRITE for list improved farms in heart of Corn Belt (Northwest part of State). H. J. Hughes, Trenton, Missouri. Seller of Missouri Black Dirt.

WANTED buyers for Bates county corn, clover and bluegrass lands; \$35 to \$75 per acre. For information address Bowman & Company, Amoret, Mo.

MISSOURI agriculture and grazing land \$15 to \$50 per acre. Finest climate, best water and grass. Some tracts to trade. R. W. Hedrick, Cole Camp, Mo.

AN 80 ACRE improved farm in Howell county, Mo., for sale. Price only \$25.00 per acre. Write for description. NEW HOME LAND CO., Springfield, Mo.

TIMBERED lands \$6 to \$20; Valley farms \$25 to \$50; orchard and berry farms \$40 up. Water and climate unexcelled. Literature free. Anderson R. E. Co., Anderson, Mo.

GOOD CORN LAND, tame grass, good improvements, pure water, orchard, town close, 120 acres, all tillable, only \$8,000, might take part trade. Eugene T. Thompson, Sedalia, Mo.

SEND for my free booklet describing many of the best stock and grain farms in Bates county, Mo.

JNO. F. HERRELL & SON, Butler, Mo.

CASS COUNTY FARMS. I make a specialty of farms that are priced right. Write and tell me what you want. I have it. Charles Bird, Harrisonville, Mo.

174 ACRES near town, 115 cultivation, balance timber, good apple orchard, good house, barn, other buildings, \$3,500, 135 acres three miles town, near school and church, 80 acres cultivation, orchard, 5 room house, all fenced, \$2,750. Exchanges. A. P. COTRELL LAND CO., Pomona, Howell Co., Mo.

\$5 DOWN, \$5 MONTHLY, buys 40 acres near town southern Missouri, Price only \$200. Write for list of cheap lands. Box 372, Carthage, Mo.

BARGAINS in SOUTHWEST MISSOURI. We have some rare bargains in Polk and Dallas county farms for CASH. Write for prices. Polk Co. Land Inv. Co., Bolivar, Mo.

OZARK MTS., THE BEST. We have thousands of homes for you at reasonable prices and good terms. Come at once or send for list.

OZARK REAL ESTATE CO., Ava, 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 ml. school; mortgage \$500 due 4 yrs, at 5 1/2%. 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., Bolivar, Mo.

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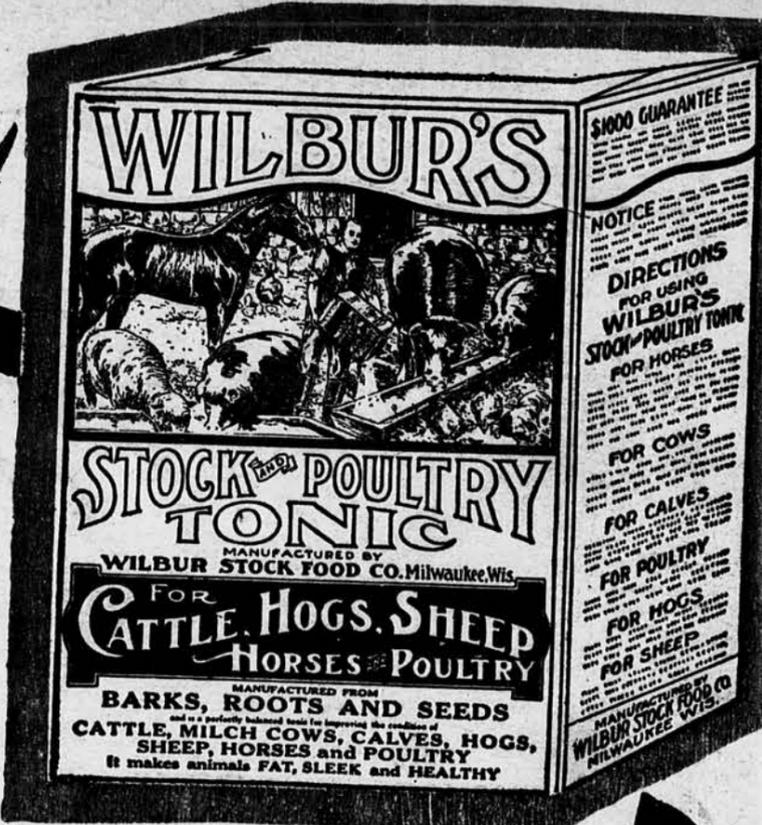
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THIS BIG BOX OF WILBUR'S STOCK AND POULTRY TONIC



Simply clip out the coupon and mail to me at once.
Not one cent to pay—not one thing to do.

I want to give you this big box of my Stock and Poultry Tonic absolutely FREE. I want you to feed it to your horses, your cattle, your hogs, your sheep and your poultry. I want you to know for yourself why Wilbur's Stock and Poultry Tonic is fed by over 500,000 farmers and stockmen. Why it saves feed—prevents disease and doubles your profits.

Send Me No Money—Not Even a Stamp—This Big Box of Stock Tonic Costs You Nothing

Not one cent now or at any other time do I want for this big box. Contains enough feed for a good practical feeding test. I know that every stock-raiser who tries this free box will continue to use my Tonic. That's why I can afford this great free offer—that's why I am ready to send one million free boxes to one million American farmers.

Is it worth a two-cent stamp to write for my big free box? Do you want to double your profits and save your live stock? If so, clip out the coupon and mail today.

Wilbur's Stock and Poultry Tonic builds up run down horses—cleans the blood, softens the stomach. Revitalizes the entire system and positively prevents all disease.

My food doubles the milk and butter when fed to milch cows, fattens hogs and beef cattle for market in 40 days less time. Prevents scours when fed to sheep.

As a poultry raiser and egg maker it has no

equal—makes strong, healthy chicks, doubles the egg supply, and absolutely prevents Pip, Roup, Gapes, Bowel Trouble and all Poultry Disease.

Read What Dr. Kremer Says!

Madison, Ind., June 29, 1912.
Wilbur Stock Food Co., Milwaukee, Wis.
Gentlemen: I received the lot of Stock and Poultry Tonic last spring. I am pleased to inform you in behalf of your future customers, that I now know why it pays to feed Wilbur's Stock and Poultry Tonic. I have used almost every known kind of so-called "Stock Tonics" sold in this section and was disgusted on ever trying any other, but as I had never tried Wilbur's I decided as a matter of justice, to give it a thorough test. The results obtained by feeding it with a mixture of crushed corn, bran and "ship-stuff" to my two fine driving horses is phenomenal, for never before have they "shed" their old coat of hair so early and looked so slick, healthy and vigorous as this spring and summer. I have fed it to my eighteen hens and the results obtained in health and quantity of eggs is double to that of former years. This all aroused my curiosity to the extent that I concluded to test its formula and I find it contains all the ingredients specified therein, and in accordance with our Materia Medica comprises some of the best reconstructive tonics, alteratives, laxatives, blood tonic and purifier. Yours sincerely,
NICHOLAS A. KREMER, D. V. Sc., M. D.,
Cor. 2nd and Walnut Sts., Madison, Ind.

Fill out and mail the coupon today

E. B. Marshall
President
WILBUR STOCK FOOD CO.
583 Huron St.,
Milwaukee, Wis.

OUR CASH GUARANTEE

We will pay \$1000.00 cash to any person who proves this offer of a FREE box is not exactly as advertised.

FREE BOX COUPON

E. B. MARSHALL, Pres.,
Wilbur Stock Food Co.,
583 Huron St., Milwaukee, Wis.

Please send me the big FREE box of Wilbur's Stock and Poultry Tonic.

I own _____ horses _____ cattle _____ hogs _____ poultry.

My Name _____

P. O. _____ R. F. D. _____

Freight Sta. _____ State _____