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Topeka Put On a Fine Fair

Education Was Featured Rather Than Amusement

BY A. G. KITTELL
Associate Editor.

KANSAS demonstrated this week that the state could put on two great agricultural fairs simultaneously and get away with it in creditable manner. In some respects it was unfortunate that the two fairs should have been held the same week but to the average fair visitor at Topeka or Hutchinson there was little or no outward evidence that either fair suffered through the duplication. Exhibitors of both stock and farm crops were on hand at both fairs in almost, if not quite, as large numbers as in previous years. With the exception of a few outside herds of stock that make the rounds of the larger fairs annually, the two fairs draw on different territories and there seems to be plenty of room for both.

Rain marred the opening of the Topeka fair and cut the attendance down to hundreds where formerly it reached well into the thousands. But this shortage was made up in the later days. The people in the territory tributary to Topeka just naturally will go to the fair and those that were rained out the first day made it up in succeeding days. What racing there was opportunity of getting onto the program, was of the usual high order but the horse race enthusiasts were disappointed the first two days as the track was too wet and soggy to be used.

The Topeka event proved a good illustration of the general tendency among the state fairs of the country to become great educational expositions rather than centers of amusement. In these modern times the exhibits of animals and field products are not on display merely to be looked at and admired but the greater object is that they may drive home their lesson of better methods and greater efficiency in the raising and handling of farm products be they cattle, horses, grain, fruit—or babies.

The absence of the horde of cheap, vulgar "shows" that heretofore have always lined the main driveway, was another sure indication that education is supplanting mere amusement at the Topeka fair. Such features as the "Better Babies" contest show the trend affairs are taking. This contest shows that in this Twentieth century civilization of ours we are placing at least as great a value upon the health and raising of our future citizens as we do on our colts, and calves, and pigs.

This "Better Babies" contest was the first affair of its kind to be tried in Kansas but it wasn't a small beginning by any means. It was really the biggest thing on the grounds. It wasn't a "baby show" at all. It was a friendly competition open to all Kansas babies of certain ages. The judges were doctors, dentists, and nurses—specialists who could detect any defect or ailment of the little bodies. There were thirty of these judges. In addition to a thorough physical examination, careful measurements were made of all babies to ascertain to what degree they were normally developed. All these facts were noted on the score cards and after being tabulated were available to the parents of the children. Such a score card should prove valuable information to mothers, giving as they do, a comprehensive knowledge of the condition of health of the baby examined and scored.

The Livestock Show.

The livestock show was a topnotcher from the quality standpoint. In the cattle barns 400 animals were housed—practically the same number entered in former years in spite of the counter attraction at Hutchinson. The class of stuff in the cattle pavilion this year has never been excelled and rarely equaled, at Kansas fairs.

A glance at the list of exhibitors would guarantee the quality of the cattle show at any fair. A number of winners at the Iowa and Nebraska state fairs were brought down and it will be interesting to note, when the awards are in, how the Kansas breeders fared in competition. Howell Rees and Sons of Pilger, Neb., had their famous Shorthorn bull, Whitehall Rosedale, in the ring again. This animal has been taking down championships with monoton-

ous regularity, winning the grand championship of the breed in Topeka as early as 1912. He won the senior championship this year at Des Moines and again at Lincoln. At Lincoln he was defeated for the grand championship by the 11-months-old Parkdale Baron belonging to Bellows Brothers, Maryville, Mo., which was also brought to Topeka.

Kansas Shorthorns were well represented by the herd of 10 animals belonging to H. H. Holmes of Great Bend, and a small herd of five belonging to Harry Forbes of Topeka. From Oklahoma came H. C. Lookabaugh of Wagona with eight classy specimens of the breed.

Forty seven Herefords from four states and as many herds, all of them a credit to the breed, were in the stalls. The largest bunch came from Jackson, Miss. There were 15 of them and they were exhibited by W. J. Davis who is making the rounds of all the big fairs this year. Other fine white-faces were shown by Thompson Brothers of West Point, Neb., who had 13 head, Biehl and Sidwell of Queen City, Mo., with nine, and O. E. Green, Genoa, Neb., with 10.

L. R. Kershaw, Muskogee, Okla., with 12 head, and W. J. Miller, Newton, Ia., with 11 head—were the sole exhibitors of the Angus family. There was plenty of quality in both herds and it looked as if they would receive a pretty close division of the spoils. George E. Clark of Topeka, had an entry list of 17 exceptionally good Galloways, and that was all for that breed.

Two breeders each of Polled Durhams and Red Polls upheld the honors for those breeds. D. C. Van Nice, Richland, Kan., had 10 Polled Durhams and Ed Stegelin of Straight Creek, Kan., nine of the same breed. The Stegelin herd included the white 2-year-old "True Sultan" who took the grand championship at Nebraska last year. The Red Poll exhibitors were Haussler Brothers, Holbrook, Neb., who had a herd of 10, and J. W. Larabee, Earlville, Ill., with 27 head.

The fat steer classes included 20 animals, representing all the leading beef classes as well as grades and crosses of these breeds. The Kansas Agricultural college herd of 11 head was made up of as fine a lot of young stock as has ever been developed by the college. Other exhibitors were W. J. Miller of Newton, Ia., and W. J. Davis, Jackson, Miss.

The end of the cattle pavilion in which the dairy stock was shown seemed to attract more than its customary share of visitors. This was not due wholly because there were a fine lot of dairy animals to look at but because the dairy industry in Kansas and the Middle West is enjoying a phenomenal growth in popularity these days. Ever increasing prices for dairy products and the growing demand for first class dairy cows are proving a wholesome stimulant to the business of raising dairy stock, and this fact was plainly evident in the exhibits at Topeka this week.

A feature of the dairy stock exhibit was the herd of Guernseys brought down from Des Moines by Wilcox and Stubbs. There were 16 animals in this herd which included two granddaughters of the famous Pennsylvania cow, May Rilma, champion butter fat producer of the world. The Holsteins led in number of animals entered. Five herds were represented and all but one were from Kansas. F. J. Scherman of Topeka had nine head, Charles Holston & Sons, Topeka, 20 head, Badger and Frost, Central City, Neb., 13 head; G. L. Rossetter, Topeka, 3, and Henry McAfee, Topeka, 1.

The Jersey show had 46 classy entries—14 from the herd of H. F. Erdley and Sons, Holton, Kan.; 17 entered by J. F. Smith, Platte City, Mo.; 8 by Fred Laptad, Lawrence, Kan., and 7 by James Scott, Topeka. Dahlen and Schmidt's herd of 13 Brown Swiss from Eldorado, Kan., added variety to the dairy show.

The horse pavilion at Topeka was never so well filled nor has it ever been so well balanced in breeds and types of

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THE FARMERS MAIL AND BREEZE

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Feterita is a New Food

Some Facts About a Grain and Forage Crop Often Misrepresented Because It Is Misunderstood

NEW foods for the human family may result from investigations and tests conducted for several years by the Oklahoma Agricultural Experiment station. This work involved the valuable crops known as grain sorghums.

These include kafir, the kaoliangs, milo, shallu and feterita. The experiments have advanced sufficiently to demonstrate that most of these grains when properly cleaned, will furnish meals of a good grade. The grain sorghums are grown extensively in Africa and Asia where they are much valued as a source of food. A kind of bread, ashcakes and numerous other articles are prepared by the natives from the ground grains.



Dr. C. K. Francis

Feterita, often called Sudan durra, was introduced into this country by the U. S. Department of Agriculture about seven years ago. Since then it has received occasional attention as a possible crop for the semi-arid districts and has been subjected to numerous field experiments. A grain called white durra, first grown in California many years ago, has recently been sold under many fanciful names by unscrupulous seed dealers. This is unfortunate because it resembles feterita to some extent. Feterita is a distinct variety and has not the objectionable features common to the white durra.

Within the last two years feterita has produced good yields in Oklahoma and the adjoining states and has apparently established itself as a good crop for this section. Many farmers are growing it with success and there is an increasing demand each year for the seed.

Feterita is much softer than kafir and for this reason is probably much easier and more completely digested. Feeding experiments show that kafir has a feeding value of about 90 per cent of that of corn, and there is every reason to believe that feterita at least equals this. The flavor of the grain is very pleasant, not at all strong like kafir.

It resembles corn in composition and has a high nutritive value. A chemical analysis shows that feterita contains 10.82 per cent moisture, 1.48 ash, 11.50 protein, 72.86 carbohydrates, and 3.34 fat. Corn has 10.89 per cent moisture, 1.70 ash, 11.70 protein, 80.50 carbohydrates, and fat 6.10. Kafir contains 9.73 per cent moisture, 1.70 ash, 12.69 protein, 72.36 carbohydrates, and 3.52 fat. The analysis of wheat showed 12.84 per cent moisture, 1.62 ash, 13.94 protein, 69.94 carbohydrates and 1.56 fat.

The analyses given for feterita and kafir represent the composition of the grains from one head each. No doubt a large number of analyses would lower the high quality indicated.

The perfectly clean seed may be ground in a mill in the same way as corn. Small quantities may be ground in a coffee mill and then passed through a fine flour-sieve. The ordinary grinding produces a fine meal, slightly brownish in color having a pleasant nut-like odor. If it is passed through a bolting cloth the portion passing through will be almost white like flour. No further treatment is required.

Meals may be prepared from any of the grain sorghums and may be substituted for feterita meal in any of the directions mentioned in this article. It has been found though, that the feterita meal is much sweeter and is to be preferred to any of the others.

BY DR. CHARLES K. FRANCIS
Chemist Oklahoma Station

For an ordinary family of six persons take 1 quart cold water, 1 teaspoonful salt, and 1 scant cupful of feterita meal. Mix well and bring to a boil while stirring occasionally to prevent burning. Keep the mixture at the boiling point for at least 30 minutes. Sweeten with sugar and serve with cream or rich milk.

Feterita Muffins.

To make muffins enough for 8 to 14 persons take 2 rounding tablespoonsful lard, 2 level tablespoonsful sugar, 2 eggs, 1 cup milk, 2 teaspoonsful baking powder, ½ cup flour, 1½ cups feterita meal. Cream



Feterita Bread is An Oklahoma Product.

the lard and sugar, then beat in the eggs. Add the milk, sift in the other ingredients and beat all into a smooth batter thinning with water if too stiff. Put a good tablespoonful in each gem pan, previously greased, and bake in a hot oven for twenty to thirty minutes. Butter while hot.

Oklahoma Brown Bread.

To make 4 loaves take 1 cup feterita meal, 1½ cups graham flour, ½ cup cottonseed flour—any prime cottonseed meal passed through an ordinary flour sifter or fine sieve will answer for this pur-



Feterita Muffins Taste as Good as They Look.

pose, 1 cup wheat flour, 2½ cups sour milk, 1 heaping teaspoonful soda, and 1 cup chopped raisins.

Mix well, fill one-pound baking powder cans two-thirds full with batter. Put covers on the cans and steam four hours. This may be done in a large kettle. The water should not be too deep, if it reaches one-half the height of the can it will be enough. Try this, it is fine when served with steaming hot beans or other warm vegetables. The famous brown bread of Europe cannot compare in flavor and quality with the Oklahoma brown bread made from feterita.

Feterita Griddle Cakes.

Take 2 cups flour, ½ cup feterita meal, 1½ tablespoonsful baking powder, 1½ teaspoonsful salt, ½ cup sugar, ½ cup boiling water, 1½ cups milk, 1 egg, 2 tablespoonsful melted butter.

Add the meal to boiling water, boil five minutes. Turn into a bowl, add milk and the remaining dry ingredients mixed and sifted, then the egg well beaten with the butter. Drop by spoonful onto a greased hot griddle. When well puffed, full of bubbles and cooked on the edge, turn and cook on the other side. Serve with butter and sirup.

A good sirup may be made from one-half cup sugar and one-half cup hot water. Stir until the sugar is dissolved. When nearly cold a half teaspoonful vanilla extract may be added.

Feterita Oatmeal Cookies.

For an ordinary family take 1 egg, ¼ cup sugar, ¼ cup thin cream, ¼ cup milk, ½ cup fine oatmeal, 1½ cups feterita meal, ½ cup wheat flour, 2 level teaspoonsful baking powder, 1 teaspoonful salt.

Beat egg until light, add sugar, cream and milk. Then add oatmeal, feterita meal, baking powder and salt—all sifted and well mixed. Toss on a floured board, roll, cut in shape and bake in a moderate oven.

The preparation of the food described in this article will naturally suggest many other articles. There are numerous products of corn and articles of a similar nature may be prepared from feterita and the other grain sorghums. The harder grains such as kafir and milo will pop. The popped kernels have a very pleasing flavor.

All of the grain sorghums are rich in starch. This starch when separated has the characteristic properties of cornstarch. An excellent grade of hominy has been made from kafir, feterita and milo. There is no reason why meals from feterita, kafir, and milo should not replace cornmeal throughout the entire Southwest where corn is a very uncertain crop.

That the progress in the planting of sorghums has not been even more rapid has been due to the undoubted prejudice against them. Corn was corn, and the sorghums were looked upon as a poor man's substitute. In India alone 25,000 acres is devoted

to sorghum, used mainly by the poorer classes. But while from their first introduction into our own West the kafirs and millets have been used by the stockmen as food for the farm horses that worked to raise their crops, the faithful cow that gave their children milk, the hogs that fit so handily into every farm's economy, the fowls, and have even stood between the settler and failure, it is only recently that chemical analysis and feeding experiments have shown kafir and other grain sorghums the practical co-equal of corn. Kafir chop is not only now a staple ration for the beef cattle of the plains, but kafir-fed cattle are commended at the great stock markets, while of the thousands of tons of manufactured poultry feed on the market, 25 per cent is kafir grain. Also kafir has a place in the human diet. Ground in the coffee mill on the wall of the farm kitchen, kafir

(Continued on Page 23.)

DEPARTMENT EDITORS

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Passing Comment—By T. A. McNeal**What About Western Kansas?**

I have here a letter from a renter in eastern Kansas who wants to get hold of some cheap land of his own. He tells me that he speaks for a number of other renters who have the same desire. He wants to know what I would advise about going to western Kansas and getting cheap land.

I have at different times given advice to similar inquirers and certain real estate dealers in western Kansas have taken exception to what I said. However, I have no desire to be unfair to western Kansas. I only want to tell the truth about it so far as I know. If this subscriber is willing to follow my suggestion, I would advise him and his fellow renters to go to western Kansas and get land.

I have no brief to write for any particular locality but personally I regard southwest Kansas as the most desirable part of the western third of the state. There is a beautiful body of fertile land that can be bought even yet at a very reasonable price. I would advise this subscriber and his fellow renters to go down into Grant, Stevens, Stanton or Morton counties and select lands there. Take your spade with you and do some digging before you finally locate, for there is a difference in the quality of lands even there. Watch carefully the character of the vegetation.

If you find land on which big soap weeds are growing you can bank on it being fertile land. Make diligent inquiry also concerning the depth to water. You can find good land where the depth to water is so great that it is a great drawback to the land. The expense of getting water to the surface is a very important matter to consider.

Next, if you can get land on a creek that has living water all the year take that into consideration but do not allow that to be the controlling factor in making your selection. The lands near creeks that have living water are not always nor generally the best lands. A few draws through the land however, will be an advantage, as I will try to show.

Now if you can get lands that are fertile where the depth to abundant water is not more than 60 or 65 feet that is a favorable location and if the price is reasonable you had better take it. As soon as possible get a good well of water, put in a good windmill and build a reservoir. This can be done with your own labor and will not require the outlay of any money worth mentioning. Fill this reservoir from your windmill-pumped well. Build the reservoir so that a patch of ground, say three or four acres, can be irrigated from it. Prepare to cultivate this irrigated tract in vegetables and fruit.

Keep some milk cows and chickens. This irrigated tract will furnish the means by which you can live even in the driest seasons; in other words, it will make you to a certain extent independent of the seasons.

I said that it would be an advantage to the land if there are some draws on it. Dam these draws so as to save the surface water that falls as far as possible. These ponds can be utilized not only for stock-water in certain cases, but for growing certain kinds of fish that will help out on the meat supply and it may be that they can be used for irrigation purposes, also.

Now in regard to the cultivation of the land outside of the irrigated patch or patches. Certain crops have proved a reasonable success in that part of the state except in the very driest years. For example, that district has not often failed on broom-corn and speaking generally, broom-corn is a fairly paying crop. The dwarf broom-corn not only yields good brush, but the fodder is fairly good feed if cut in time and properly cared for.

Even last year, which was one of the driest in the history of the state, some of the settlers in southwest Kansas raised fair crops of kafir and feterita.

I would say that these crops will prove a success on an average of four years out of five if properly planted and cultivated. Wheat was very good this year, but I would not advise a settler out there to depend on growing wheat as a regular business. The wheat crop this year has been very fine but taking the past ten years as a series there have been more wheat crops that were failures or nearly so, than there have been good crops.

Raise cattle and hogs and put your main dependence on broom-corn, kafir and feterita. If possible, build a silo. Pit silos can be put in there as I

understand for very little expense and they seem to be a success.

If you will follow out the plan suggested you can live through the worst years on your irrigated garden and orchard with the milk cows and chickens and during most of the years you can make some money by raising and feeding the crops that have been found to do pretty well in that country, generally speaking. There is considerable satisfaction in owning your own land. The climate out there is excellent for health and if you are willing to work and use good judgment and are not too ambitious to get rich you ought to be pretty well satisfied with your lot in southwest Kansas.

Thinks I Am Not Fair to the Kaiser

Writing from Sylvan Grove under date of September 7, Edward Buchring, who says that he is 79 years old, complains as follows: "Many readers are not pleased with Mr. McNeal's writings about the German Emperor William. His opinions are too one-sided. You have many German subscribers who feel hard about it. I think Mr. McNeal is not posted on German government affairs and makes many blunders. So our Germans here begin to kick."

I regret to offend these sincere and honest German readers but I am not able to reverse my opinion of the kaiser nor excuse him his failure to prevent this, the most destructive and unjustifiable war of all the ages.

Wants Further Explanation

Editor The Farmers Mail and Breeze—In your editorial in the issue of September 5 headed, "Who Will Win?" are two sentences that I wish to refer to for more profound consideration and closer thought.

You say, "War never has and never will settle a principle." If that is true are we to concede that the war of '76 did not settle a principle or that the war of 1812 did not? And coming closer home to the Civil war, are we to admit that no principle was involved and fully settled by the clash of arms or the contending armies?

Then you say, "The present war in Europe will not determine who is right any more than any war in the past." To be brief, I wish that you would take another whirl at these two propositions and elucidate a few other thoughts. I am convinced that in the past at least, war was a necessity and that some vital principle was settled to the satisfaction of those engaged in it.

Lakin, Kan. W. R. FRENCH.
 It is quite probable that I did not make my meaning clear in the editorial referred to. I did not mean to say that no principle is ever involved in a war. Often there is, and sometimes the right prevails. My reading of history teaches me that in the wars of the past, wrong has prevailed fully as often as the right and I think more often, for the majority of wars have been waged for selfish conquest and the right has very often been trampled down by superior force of arms. Where the right has prevailed it has not succeeded because it was right, but because it happened that in those particular cases the right side proved more powerful than the forces of wrong.

Take the cases mentioned. In my opinion the colonies would have been conquered if it had not been for the timely assistance of France with men and money. The French government at that time was a monarchy. The king of France had no sympathy with the principle of democracy but there was a chance to strike a blow at England and he was willing to help the struggling colonies in order to injure the ancient enemy of France. The triumph of the right was merely incidental.

But suppose that the colonies had been conquered. Would that have settled the principle involved? Would the cause for which they fought have been any less right or would it have been less a living principle because they were overcome by superior military and financial power?

In the war of 1812 I think the United States was clearly right, but in that case also, this government came very near being whipped and if it had not been for the menace of Napoleon the outcome would have been still more uncertain. Probably if Napoleon could have been eliminated as a factor in Europe the United States would have been compelled to sue for peace. Would that have satisfactorily settled the principle involved? Would that have made it right for Great Britain to prey on American commerce, board our ships, and impress by force American seamen into the British service?

There were most vital principles involved in the

war of the Rebellion. In every principle involved in that war in my opinion, the South was wrong and the North was right, but notwithstanding that, the North came near being whipped. For two years the issue hung in the balance with the chances apparently against the North. With a less wise, far-seeing, patient and conservative man in the presidential chair than Abraham Lincoln, there is every reason to believe that we would have been involved in war with Great Britain and probably with France. In that event I fear the result of that war would have been different from what it was. But would the principle involved have been settled? Would the fact that the North was conquered have settled satisfactorily the principle that human slavery was right? Would it have settled satisfactorily the principle that the states had a right to destroy the Union? No.

War settles no principle. Its result is determined generally by the relative resources of the nations engaged. The more powerful and more skilfully handled battalions win without regard to the justice or injustice of the cause for which they fight. True, men generally will fight more desperately when fighting in defense of their own homes and firesides than when fighting on a foreign soil and that extent their desperation renders them capable of greater physical exertion and greater daring than they would be able to show under other circumstances, but after all, it is a question of brute force aided by comparative superiority of death dealing weapons.

No matter what the outcome of the present war in Europe may be it will settle no principle. If the allies conquer Germany and Austria it will not prove that they are right and Germany and Austria wrong and, on the other hand, if Germany and Austria win it will not prove that they are in the right.

Maybe I have not yet made myself clear but I stand by my original declaration that war never did and never will settle a principle.

Will Public Opinion Have Any Effect?

Editor The Farmers Mail and Breeze—I am an admirer of your Passing Comment and I like especially your views on standing armies and war. You probably have read President Wilson's advice as to neutrality and noted that he urges us to be neutral not only in actions and words, but in thought. Now my question to you is: Does what we think have any influence on the result of the war in Europe? Is public opinion a moral force to be reckoned with? I don't know what we Kansas folks should do without you for a "guide, philosopher and friend." If you think this question worth answering I will be glad to read it in the Mail and Breeze.
 Dwight, Kan. V. D. AUSTIN.

The other day there was published in the press dispatches a letter or cablegram from the emperor of Germany to President Wilson. The Germans had been charged with cruelty, especially in the matter of the destruction of the Belgian city of Louvain. The kaiser attempted to excuse that action and also made a counter charge of inhumanity against the French. He charged that they were making "dum dum" bullets that are supposed to be forbidden by the rules of modern, civilized (God save the mark) warfare.

Now why did he send that cablegram to President Wilson? The United States has not shown the slightest disposition to take part in this war and will not. Evidently there was only one purpose in the mind of the emperor of Germany and that was to gain favor if possible with public opinion in this country. He evidently felt the force, hard to explain, but nevertheless potent, of public opinion.

President Wilson has received statements also from the other nations involved, each trying to justify its course in this war and evidently for the same reason that the kaiser wanted to justify himself.

When Thomas Jefferson penned the Declaration of Independence he prefaced it with the statement that a "decent regard for the opinions of mankind" etc., required that the colonies should state why they were rebelling against the mother country. It was evidently the purpose of Jefferson to influence public sentiment in nations and among people who were in no way involved or likely to be involved in the coming struggle.

There are men who are callous to public opinion, but fortunately, I think, they are few.

Whether the story of Cain and Abel was merely a legend, or an allegory, does not matter. It

teaches a great truth. Cain in the story had murdered his brother whose blood cried out against the fratricide. And he was sent out with the mark upon him. What the mark was the story does not state, but it was perhaps the hunted, worried look of a man whose conscience is lashing him for a crime committed. What Cain dreaded worst of all was the condemnation of mankind. He feared that they would point him out and say, "There is a murderer". And this primitive man even, felt that he could not endure the condemnation of his fellowmen.

I cannot help believing that public opinion is a tremendous moral force and that it ought to be crystallized in this the greatest of all the nations against war, not taking sides but in a united demand for the cessation of murder.

Eleven Cousins in the German Army

Editor the Farmers Mail and Breeze—I am not going into any argument about the European war. Thirty years ago when I left Germany I was 17. The Germans were saying that they would not have to fight Great Britain but would have to fight her through other nations. I think they were right. Even the American newspapers are fighting Germany by publishing lies about her. Now when I read Mr. Tom's comments on the war I have often thought, "Wise old Tom McNeal. You are like the rest of us in that if you have it in for anyone you like to base your conclusions on lies as well as on truth." When I read Mr. Munger's letter it was a little more than I could stand—his calling of the German army "hordes." I have about a dozen cousins in the German army. If Mr. Munger based his conclusions on what he read in the newspapers—which should be ashamed of publishing such reports—I might forgive him, but his name sounds like German and I think he ought to know better and feel ashamed of himself.

You are talking so much about a square deal, why not be square to other nations also? If you make any comment make it on truth and not on the statement of a dissatisfied German Socialist or on one out of a hundred ex-German soldiers. Come right out here and I will show you some ex-German soldiers who fought in the Franco-Prussian war and they will tell you how they had to behave toward the French civilians at that time.

Gilead, Neb.

C. M. VORDERSTRASSE

Ordinarily perhaps, I might take some offense at the language of the foregoing letter but in this case not at all. If Mr. Vorderstrasse has the number of relatives mentioned in the German army, his sympathies are naturally strongly wrought up. Mine certainly would be under such circumstances. The saddest part of this whole dreadful business to me is the fact that so many innocent must suffer.

These young men, relatives of Mr. Vorderstrasse, are in no way responsible for this war but they must suffer the penalty. It will be strange indeed if several of them are not killed in battle. They are the victims of infernal greed and militarism that dominate Europe.

Without arguing the question as to who is most to blame for bringing on the awful conflict at this particular time, it may be said that it is the logical result of militarism of which the German emperor has been the most able exponent and defender.

The strange thing to me is that the masses of the people will stand for a system out of which they derive no benefit but reap only a harvest of taxation, suffering and death.

Some Interesting Letters

I am receiving a good many letters these days concerning the war in Europe and while the writers differ in their viewpoints they interest me whether I agree with them or not. So I have concluded to give space to a few of them, not only in the interest of fairness but because of the information and in some cases, original suggestions they contain. Here is another letter from a German Socialist:

Editor The Farmers Mail and Breeze—I see in the last issue of the Mail and Breeze that some of my fellow countrymen are kicking on you and me. I will not argue with them or blame them either. Their viewpoint is that of the German farmers in Germany.

The German farmer is a thrifty and industrious man but in politics he is somewhat reactionary in contrast with his farmer brother in Denmark, France or America. Originally the German farmer was a peon belonging to the big landlords. This condition lasted for more than a thousand years. He could not move, had to work and till the soil, gather the crops and so on for his landlord without pay. After this work was done he could till his little farm.

The German farmers became free men after the Napoleonic wars but since that time they are disposed to stick to the big landlords, the small but dominating class, the Junkers, the descendants of the highway robbers of the dark ages.

On election days the German farmers vote for the Junker class—the same class that robbed their ancestors and exploited them for so many hundred years and the class that is still exploiting the farmers of today. Out of this Junker class the kaiser appoints the members of his government. There is the great difference between the government of Germany and the governments of France and Great Britain where the members of national legislatures are elected by popular vote.

The army officers are mostly chosen out of the Junker class. There are many regiments where not an officer is selected who is not a nobleman. Prussia is the dominating state in Germany and most reactionary. The kaiser of Germany is also the king of Prussia so you can see why the government of Germany is such a reactionary one.

The voting system for Germany is the so-called three-class voting system and is worse than that for the duma of Russia. The people of a district are divided into three classes; each class voting for the same number of electors that vote for the member of the Diet. If it happens that there are in the district only four or five rich men they vote, say, for five electors. In the second class there may be fifty voters. They also vote for five electors. In the third class, the poor people's class, there may be four or five hundred voters who have the right to vote for only five electors also.

It is not hard to tell the sort of government resulting from such an unfair system. If we lay the blame for bringing on the war on the German people we are wrong. There is a difference between the German government and the German people. I will not say that all the German government wanted the war, but it could have prevented the war if it had refused to back up Austria in her unjust demands on Serbia. But of course, after the diplomacy of Berlin and Vienna made the war inevitable and Russian barbarism was knocking at the gates of Germany there was nothing for the German Socialists to do but fight for the Fatherland.

When you say that the war is the inevitable result of militarism the facts will bear you out. Were it not for the menace of Prussian-German militarism, highly civilized France would not have made any alliance with barbarous Russia and would not be mixed up with the present war. What the outcome of the present war will be nobody knows. When the German ambassador to the United States, Count Von Bernsdorf, says that the outcome will be more democracy for Germany I wish with all my heart that he may be right, as I love the country of my birth and where I lived for many years. But if Count Von Bernsdorf is favoring democracy in Germany he is the first Prussian Junker I have ever seen standing for the uplift of humanity in Germany.

Marion, Kan.

JOHN FISHER.

German Constitution and the Kaiser

Editor The Farmers Mail and Breeze—Without entering into a discussion of the merits of the European war, and without seeking to apportion the blame, I wish to call attention to an error made by some of your correspondents who have taken pains to write you that Germany is a constitutional monarchy. They therefore, have come to the quite natural conclusion that the German Emperor cannot declare war without the support of the German Parliament at least. Apparently, however, they have not read the German Imperial Constitution adopted in 1871. The powers of the German emperor are great indeed. I quote:

"The emperor can declare war and conclude war, make alliances and other treaties, and nominate and receive ambassadors. (Art. 11.)"

"The emperor can call, open, adjourn and dissolve the Federal Council and the Imperial Diet. (Art. 12.)"

"The emperor can issue and promulgate laws and supervises their execution. (Art. 17.)"

"The emperor nominates officials and orders their dismissal. (Art. 18.)"

I believe it will hardly be claimed that the present kaiser is disposed to use less power than the constitution confers upon him. In fact it is the quite general opinion that Wilhelm II has not always strictly obeyed the letter of the Imperial Constitution.

The following quotations give some idea of the emperor's opinion of his royal prerogatives:

"We Hohenzollerns take our crown from God alone, and to God alone we are responsible in the fulfillment of our duties."

"Suprema lex regis voluntas." (The supreme law is the will of the king.)

"Only one is master of the country. That am I. Who opposes me I shall crush to pieces."

"All of you shall have only one will, and that is my will. There is only one law, and that is my law."

"Parliamentary opposition of the Prussian nobility to their king is a monstrosity."

Such is the constitution and such is the emperor under whom the German people are now living. Will such an emperor, reigning under such a constitution, hesitate to declare war upon his own initiative? The kaiser is the sort of man who makes good his bluff. It is really incorrect, however, to say that his position is a bluff. I do not question his absolute sincerity, any more than I question his wonderful ability.

It appears to be assumed by some that the emperor had the backing of the entire German people when he went into this war. On the contrary the national committee of the Social Democratic party, by far the largest single party in Germany, with about 4 million votes, adopted unanimously resolutions before the war began condemning Austria in unsparring terms as waging an absolutely causeless war and demanding that Germany maintain a position of neutrality. Is it not fair to assume that others besides Social Democrats held the same views? That these same Social Democrats are now supporting their government, as the Socialists are in all the other countries involved, I have no doubt. That is quite another matter.

That the opinions of Social Democrats, in spite of their great numbers, do not have much weight with the kaiser may be seen from this choice sentence from his lips: "For me every Social Democrat is synonymous with enemy of the nation, and of the Fatherland."

I do not doubt H. A. Knipper's sincerity when he says that the Socialist leaders in Germany are corrupt, that they are fooling the people and that they are lining their own pockets. Such claims are common in this country also. And doubtless all Socialists are not free from guilt in these matters. But certain American cities have been wholly or in part under Socialistic control during the past few years. Have the Socialists who have held municipal offices been corrupt? No such charge has been seriously made. I recall that when a Pittsburgh city council scandal was unearthed a few years ago all the non-Socialist members were implicated, while not one of the Socialist members was implicated.

The Kölnische Zeitung, one of the leading papers of Germany, and not a Socialist organ, said: "It would be unjust to deny Social Democracy the recognition of the high personal integrity of its leaders." One of the great Social Democratic leaders was Liebknecht (not the Liebknecht now living). He was accused of having enriched himself corruptly. This was quite generally and sincerely believed in Germany, but it was absolutely disproved and Liebknecht said, "If I am poor after unprecedented persecutions, I do not account it a disgrace. I am proud of it, for it is an eloquent testimony to my political honor." When he referred to his persecutions as being unprecedented he was guilty of pardonable exaggeration. Even his burial was marked by petty and annoying police interference. The writer of this is not affiliated with the Socialist party. R. W. E. Topeka, Kan.

If Belgium Had Had No Standing Army

Editor The Farmers Mail and Breeze—Your paper has contained various articles against standing armies. In the last issue the idea was advanced that if Belgium hadn't a standing army in the present European war Germany would not have been nearly so hard with her even though she would have overrun the country. The fact is that

if it had not been for Belgium's heroic little army the kaiser would have overrun Belgium and on to Paris before France and England could have come to the rescue and then back on the Russian bear with a force that Japan could not compare with. The result might have been to make William II, king of Europe. There can be no doubt that Russia would overrun and subject the rest of the countries of the world if it were not in their power to resist. Their attempt on Japan was a plain illustration.

See how Finland and Poland have been fiendishly oppressed. Their defenseless condition was a mighty poor protection. I will gamble that Belgium does not fare worse. No, sir, we cannot depend for protection on pity. The best thing we can do is to prepare for anything we have to do. The Creator endowed every creature with a means of defense and I believe when the occasion justifies it we should act our part. Being reasonably certain the time will come when we will have to fight we should get ready and keep ready. I don't believe in a large standing army but I do believe every able-bodied man should know enough of military discipline to defend his fireside and country.

I don't want to see the United States develop entirely into a nation of money getters until we wake up some day as China did, when attacked by Japan. Or as Constantinople did when attacked by Musselmen and overthrown, or as Rome did when overthrown on account of the decay of military discipline and valor.

I am in favor of every able-bodied male knowing something of military maneuvers and how to obey orders. I believe in a great navy and a brave, patriotic people who will not be imposed on.

Piedmont, Kan.

HOMESTEADER.

Disagrees With Some German Opinions

Editor The Farmers Mail and Breeze—Reading some of the German articles in Passing Comment makes me feel as I imagine a cat feels whose fur has been rubbed the wrong way. One of my grandmothers was of German descent but most of my ancestors have borne such names as O'Ferrell McGoogan, McCaskey and McClelland.

Now I had never read before that our Civil war was fought by the British, Germans, Irish and Scots. I supposed that great struggle was between American people. I do not think our government is perfect but it is by far the best government in existence for educated and intelligent people. A monarchy is probably better for an ignorant, uneducated people.

I have no respect for the divine right of kings. I think it would be ideal if all the people of the world were one republican nation and spoke one language. I think most of the members of royalty are to be pitied. I would rather be a free born American citizen with the income I have than to be the king of Great Britain with his 3 million dollars per annum.

Lenora, Kan.

MRS. R. B. BOZARTH.

Sitting on a Powder Keg

If a peaceable citizen of the United States should appear some morning on the streets of his home town, armed to the teeth, he would have a hard time convincing anyone that he had armed himself merely in the interest of peace. If on any day, all the citizens of any community should convert themselves into walking arsenals with only the friendliest intent of maintaining a state of good will among themselves, wouldn't there be work for the coroner in that town before night?

Sooner or later, the man who carries a gun uses it. If all the great powers of Europe had not been prepared for war, there would have been no war.

This is the lesson of militarism, the monster that is now destroying Europe.

A good many of us are congratulating ourselves that we are living in a peaceable, non-military country. But we also have our powder magazine and war chest. Both are growing bigger and bigger—more and more menacing.

We now are spending 250 million dollars every year in constant preparation for war. Appropriations for battleships and armament are increasing year by year. The maintenance of our army and navy and war colleges is costing us nearly 250 million dollars more, making our annual war tax almost half a billion dollars a year.

If our taxes were assessed equally, this would mean that every wage-earner and every taxpayer in the United States was now paying at least \$25 every year to keep the United States on a "peace footing."

And it can easily be made to cost us twice as much. In fact, owing to the Powder Trust, the Armor plate and Ammunition rings, and the Shipbuilding Trust, which have the most powerful of all lobbies at Washington, this tax is steadily mounting higher. At the same time, these trusts are patriotically supplying foreign governments with war material at prices from 25 to 60 per cent less than they charge Uncle Sam.

Every year we pay these huge amounts for destruction we pile up more inflammable material which some passing spark of national irritation will sooner or later kindle into a great war. A great war can only be waged at such an appalling cost of blood and treasure that its evil results are never-ending.

Shall we continue to surround ourselves with powder as a means of preventing an explosion, using a powder keg for a seat whenever we smoke the pipe of peace?

Nations have no more need than individuals have of going armed. The world will know no peace until it is forever rid of the curse of militarism. Let this Nation stand for this principle, urge it as a part of the peace-pledge of Europe at the close of the war. Then set the example.

Arthur Capper.

Foxtail a Great Nuisance

However Mowing Will Shorten Its Seed Crop—Farm Doings

BY HARLEY C. HATCH

AN inquirer from Labette county asks what can be done to kill out crab and foxtail grasses in alfalfa. That is difficult to answer. These two grasses are the chief enemies of alfalfa in eastern Kansas and it is hard to keep them down when we have rains late in the season. The best remedy is prevention—starting the alfalfa on clean soil at the beginning. There may be alfalfa cultivators and "renovators" which will help us to get away with the grass but it seems likely that in a wet time, when the grass gains its greatest start, the alfalfa cultivator could not be used at all. If the soil is not strong and well drained, so that the alfalfa can take complete possession of the ground from the first, it is a difficult matter to keep down the grass in wet times.

Foxtail is about the worst weed pest we have to contend with here, either in the cornfield or in the alfalfa. It cannot be mowed closely enough to prevent seed forming and if one mowed it 30 minutes before a hard freeze the foxtail would have a small head up and seed formed on it by the time the frost struck. Crabgrass is almost as bad but crabgrass has one virtue—it makes about the finest cattle hay that grows. Foxtail will be eaten by cattle if cut before it gets too ripe but the quality of hay it makes is inferior and if cutting is delayed until the seed gets hard it is bad for the mouths of the stock. However, foxtail hay is far better than none at all and it will pay to cut it and stack it for the cattle if only to get it off the ground before it seeds so heavily. It will seed a little in any case but the big, heavy seed crop is on the early growth.

A week of spring weather in early September has made this part of Kansas as green as it is in the spring. Pastures are more than commonly good and green grass will hold in plenty until the closing of the pasture season, October 1.

Silo filling is well under way but so far not much corn has been put in shock. Last week was rather wet and most farmers preferred to wait a little than to run the risk of having their corn blackened as it was last year. On this farm we shall not begin cutting corn until at least another week.

While we are willing to answer questions in regard to the price of hay here, we cannot guarantee the prices, because of market changes. For instance, day before yesterday we wrote a Missouri inquirer that around \$7.50 was being paid by buyers here for No. 1 prairie hay. Yesterday there was an advance of \$2 a ton on prairie hay. It would be an impossibility to buy No. 1 hay in Gridley today for \$7.50 a ton, of course.

The bluestem grass is running up to a head in all the meadows which have not been cut. Also it is heading in the fields of July cut prairie. This happens in the fall only when growing conditions are favorable and it results in giving the hay a coarse appearance. For our own use we much prefer the early cut hay, especially for horses although some say the late cut is better. We should rather pay \$1 a ton more for July cut prairie hay than for the September cutting.

We still are engaged in house-building but for a day or so have been standing back and letting the carpenters do the work. In a day or so they will have the cornice on and then there will be a job of shingling for us—a job we particularly detest. We are not going to use eavespouts but shall have the gutter built right in the house. The carpenter tells us that this is a much better way than to have the house spouted and that it costs only a little more. We are certain it makes a house look better anyway.

Ever since August 14 we have been picking and feeding the Iowa Silver Mink corn to the hogs. This corn started out well, and when the dry weather set in was so far ahead of the native corn that it looked as if we had missed it by not planting the entire acreage to Iowa seed. But the dry weather soon

put a crimp in the Iowa corn while the native corn kept green. The Iowa corn is now entirely dry and has been dry for ten days while the native corn is still too green to cut. It has been our experience that native varieties of corn stand dry weather much better here; they do not wilt under our Kansas sun so easily as the northern grown varieties. The Iowa corn is making 25 bushels to the acre of rather chaffy corn while the native corn right alongside will make at least 5 bushels more to the acre and corn of much better quality.

We have already laid in our supply of twine for corn and kafir cutting, getting the penitentiary make at 9 cents a pound. This twine is rather heavy and possibly will not go as far as some lighter twines but it is very strong and for that reason we like it for binding corn and kafir. The lighter twines are all right for wheat or oats, as there is not much strain on them, but for heavy kafir it takes a good strong twine to hold. There will not be so much corn cut here this year as usual, partly because there is a lot of hay, partly because there is not so much stock to feed but mostly because there is such a heavy acreage of the sorghums—kafir, milo, feterita and cane. All these crops are heavy and we think there will be more bushels of this grain grown in this

they also like the fresh kafir; it is eaten much better fresh from the field in the fall than at any other time and it costs less to handle it then. We keep two wagons at the hog lot, one containing corn and the other kafir. For each scoopful of corn we give a good forkful of kafir heads. If the hogs have been on an all corn ration for awhile they will at first prefer the kafir but after settling down to a steady ration of both we find they like corn a little the better but will eat plenty of kafir, too.

How the Stallion Law Helps

BY C. W. McCAMPBELL

Secretary Kansas Livestock Registry Board

The purpose of a stallion law is to require stallion owners to represent and advertise their stallions for just what they are and to give mare owners a means of knowing exactly what they are patronizing. It takes absolutely nothing from the stallion owner that rightfully belongs to him. It simply puts the public service stallion business on an honest, square deal basis.

When the law went into effect in 1910 the majority of our stallion owners thought that the law meant a lot of restrictions that would ruin their business, and because of this misunderstanding we found considerable opposition. But as the real purpose of the law became apparent, opposition disappeared very rapidly except from one class of stallion owners—the men who were misrepresenting their stallions and knowingly deceiving their patrons.

During 1909 before we had a stallion license law more than 2,000 grade and

For Better Hired Help

The Farmers Mail and Breeze would like to get letters from its readers on the farm hired help problem. What is the real solution of the hired help problem in the Middle West?

Should more of an effort be made to employ married hired men?

What is a fair sort of a contract for both the owner and the hand?

If you have ideas along these and other lines connected with the hired hand problem, the editors would like to hear from you. The writer of the letter the judges decide to be the best will receive a copy of Farm Development by Willet M. Hays or a year's subscription to The Topeka Daily Capital. The second prize will be a copy of Crops and Methods for Soil Improvement by Alva Agee or a year's subscription to The Capital.

township than in any other year since they were introduced. We have a fair corn crop and this, together with the heavy kafir yield, will fit us out nicely for grain another year.

All talk of cheap corn has been silenced. Not so long ago we heard feeders say they were going to buy all they needed this winter for less than 40 cents a bushel. From that the estimate rose to 50, then 60 and now 70 cents is the price expected and it is actually selling for that on the streets. Today the daily papers tell of a feeder in Chase county who already is contracting for his supply with the farmers at 70 cents a bushel. Snow, the crop expert, says that the United States as a whole has raised no more corn than in 1913 and that the supply of old corn now on hand is only 30 per cent of what it was a year ago. Other estimates place the yield higher than this but none of the estimates, taken together with the amount of old corn now on hand, equal the amount in sight one year ago.

Many farmers who have raised a pretty good crop of corn are asking themselves if it is going to pay better to feed it to hogs than to sell the corn on the market. We haven't the answer to this question for we are asking the same question ourselves. The only way we know to find out is to go ahead and feed out the hogs. If we were to guess we should say that hog feeding would pay, but it is possible that there are enough hogs from regions of light corn production to put down prices for awhile this winter. There is a normal crop of pigs but pork will have to be used to fill up the gap made by the scarcity of beef. There will be no cheap beef, pork or corn this year.

As soon as the kafir matures sufficiently we are going to use it in feeding our hogs in connection with corn, giving one feed of kafir and then a feed of corn and so on. We did this two years ago and got more out of kafir as a feed for hogs than we ever did before in our lives. Hogs like the change and

scrub stallions were found to have been advertised in newspapers definitely and specifically as purebreds. In 1914 not a single grade or scrub was advertised as a purebred in Kansas.

In 1910 we licensed 2,599 purebreds and 3,766 grades and scrubs to stand for public service. That means that 40.8 per cent were purebreds and 59.2 per cent, grades and scrubs.

We have licensed 3,055 purebreds and 2,544 grades and scrubs this year to stand for public service. In other words, 54.5 per cent are purebreds and 45.5 per cent are grades and scrubs.

Judging from past experience the State Livestock Registry board has saved the horsemen of Kansas \$100,000 annually by eliminating the unscrupulous stallion peddler who formerly did a flourishing business selling as purebreds to unscrupulous purchasers at prices ranging from \$500 to \$4,000, grades and scrubs with fake and fraudulent pedigrees. These results, due to the operation and enforcement of the stallion license law are certainly worth while.

Twenty states now have stallion license laws and every one of them has realized as great or greater benefits than we have experienced in Kansas.

Giving Bloody Milk

Have two cows giving bloody milk. What can I do? Is it contagious? What is the cause?
Hunter, Okla. W. BURLISON.

The cause of bloody milk is either a small ruptured blood vessel in the udder or teats or a small wart in one of these places. The condition usually corrects itself spontaneously. There is no known treatment, though the injection of sterile air into the affected quarter has been recommended.

A blackboard by the side of the road will often sell surplus farm products quicker than if one made a business of peddling them out.

Miss Fawn Lippincott says some girls seem to regard the tango as the most important step in their lives.



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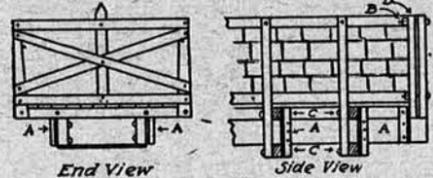
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Handy Contrivances Made by Readers

Showing What Can be Done With Odds and Ends Lying About the Place, and a Little "Know-How"—Every Suggestion Was Good for a Prize

TO solve the problem of keeping cows and horses in the same corral and yet keep the horses from getting at the cows' feed, we have a plan in use that is really a corral within a corral. To make this, build a fence around the cows' feed rack, making a small enclosure. Leave an opening with a post on each side and a 2-inch pipe hung across just a little lower than the average cow's back. The cows will soon learn to walk under the pipe, raising it up, but a horse or colt will not do this as it is their nature to go over rather than under a barrier.

Mail and Breeze readers will find the plan useful. The two bottom timbers are placed parallel to each other as we use low iron wheels and the front ones pass under in turning. The floor joists are 2 by 4's and are securely fastened to the bottom timbers by means of old



angle iron instead of clamps or bolts. This, we think, is one of the best features about the rack. The uprights are made by ripping pieces of 2 by 6-inch plank, tapering them from 2 inches at one end to 4 inches at the other. They are 40 inches long. The floor is made of 1 by 10-inch unmatched boards. Matched flooring may be used at extra cost but on account of the distance between joists it is not a success. The sides are made of 1 by 4's and hog wire. They may be taken down by removing the eight bolts at B and C, and you have a flat rack. Notice the bracing of the ends—so many make a mistake by putting in three or four parallel cross boards. I use 1 by 4's, X-fashion.

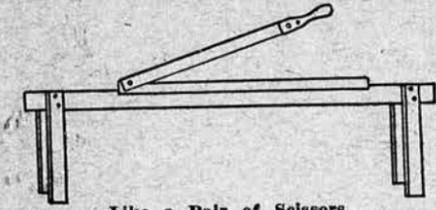
wash in clean water, preparatory to the final treatment. The rust-proofing liquid consists of a 4 per cent solution of phosphoric acid mixed with clean iron filings. It is kept at boiling temperature. The article to be treated is immersed in the boiling solution for from 2 to 3 hours. The metal will have a greenish-black appearance. Dry the article and oil it with linseed or paraffine oil. The final color will be gray-black.

is a ring and a double hook, both being fastened on with an eye bolt. The hooks are for the traces and the ring for the rope.

A Kafir Topper, Home Made
I have a very useful kafir topper, mounted on a frame, which is set over the edge of the wagon box. I head both cane and kafir with it. The cutter proper is made from two old stalk cutter blades. One is bolted to the flat side of a 2 by 4, 3 feet long, and

Pipes for Drill Chains

I replaced the drag chains on my wheat drill with pieces of pipe and believe they make a better cover for the grain than did the chains. They pulverize and pack the soil over the seed and leave a deeper furrow to catch snow and protect the plants from the wind. If moisture is scarce they help to hold what there is by packing the loose soil in the furrows the same as press wheels do. I took off all the chains but the first two connecting joints to which the pipes were fastened. I drilled a 5-16-inch hole in the ends of the pipes and riveted them onto the ends of the links. The pipes are 1 1/2 inches in diameter and 10 inches long.



the other has a single bolt through the end—the two knives working like scissors. A handle is put on the free end of the upper blade. Two cleats are nailed to each end of the 2 by 4, to go over the side of the wagon box. One man stands in the wagon and works the topper while another puts the bundles in the cutter. The heads fall into the wagon.

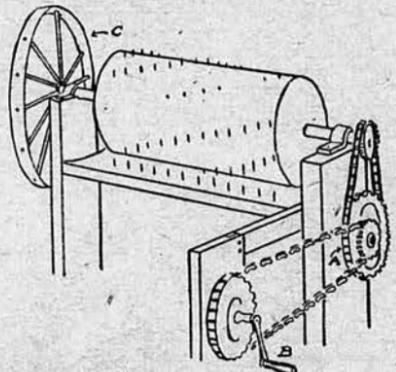
Fairview, Okla.

Drying the Seed Ears

This little drawing shows the best and quickest method of drying seed corn I have ever found. I cut a piece of binder twine about 20 feet in length, tie the ends and fold in the middle, thus making four strands. I begin by laying an ear of corn in the two loops at the bottom, then cross the strands and lay in another ear and so on until there are about a dozen ears in the string. This is then hung up in a dry place.

Belleville, Kan.

Huller for Beans and Peas
We are using a home made machine to thresh beans and cowpeas that does good work without cracking the beans and peas. They can be separated from the straw very easily by using a pitchfork, and are clean enough to sell after being dropped twice through a steady breeze. The only material we had to buy in making this machine was the nails. The cylinder may be a piece of hardwood log. Ours is 10 inches in diameter and 14 inches long. The concave is made of a piece of oak. For teeth we used No. 16 nails with



Something for the Boys to Work On.

the heads cut off. The nails were driven in far enough to leave about 1 1/2 inches protruding. In putting in the cylinder teeth we stretched a string diagonally across to mark the row of teeth. This makes the machine run steadier as a whole row of teeth will not strike the concave all at once. The teeth are set about an inch apart and spaced so those of the cylinder will pass between the teeth in the concave without striking. The machine is mounted on two posts set firmly in the ground. Gearing was obtained from an old binder. The double sprocket A is from the reel gear, B is the crank and C the fly wheel. Our cylinder makes five revolutions to one of the crank.

Laird, Colo.

Making Metal Rust-proof

The metal to be treated is first briefly immersed in a boiling solution of sodium to remove oil or grease. If rusty or badly tarnished, it is given the ordinary sulphuric-acid pickle. Then

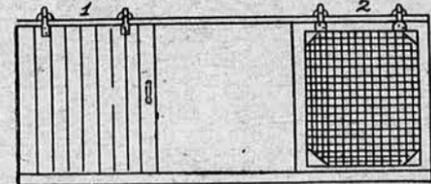
To Patch a Metal Tank

This sketch shows how I patched my metal stock tank. The leak was a cut 3 inches long. I simply cut two blocks from a 1 by 4-inch board, and after putting holes through the blocks and tank I bolted all together, one on each side of the tank. To make the patch water tight I put a strip of rubber roofing on the inside of each block, as shown by the dotted line. I also put some tar on the outside pad. The patch does not leak.

Holton, Kan.

A Chicken-proof Barn Door

By having two slide doors for the main doorway of the barn one can keep out chickens, pigs, and other animals without shutting out all the air



Two Doors on One Track.

and light. Door No. 1 is the ordinary kind made of lumber, while No. 2 is made by nailing the hog wire over a frame of 2 by 4's. The wire door may be used in summer and the solid one in winter. This plan is a great help in keeping the driveway clean. The windows may be barred with wire too.

Hillsboro, Kan.

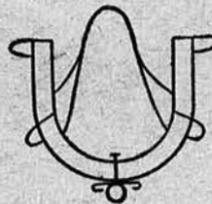
They're Easy to Find Then

Saw off a piece of 2 by 4 and into one edge bore about a dozen 1/2-inch holes and a half dozen 3/4-inch holes. These holes should be 2 inches apart. Nail this up to the wall of the workshop, the holes on the upper side. Use the large holes for bits, punches, files, etc., and into the small holes drive pieces of 1/4-inch rods. On these rods you can slip dozens of burrs and washers. You will find this much more convenient than keeping these articles in a box where dust and trash accumulate. On this rack they are always in place and you can find what you want in an instant.

Oak Hill, Kan.

Better Than a Singletree

One of the problems in operating a hay fork is the dragging singletree when coming back for a new load. My solution of this problem is shown herewith. I cut the hounds from an old wagon, just a few inches back of the axle, and use this in place of a singletree. With the aid of some straps I fasten it up so it will be about as high as the breeching on a horse. The loops at the ends and sides are made of leather for the traces to pass through. At the back



Easily Made Hinges, These

A very simple form of hinge can be made as shown in the sketch. It is merely a matter of cutting out two pieces of sheet metal in triangular form and punching a hole in each corner for screws or nails. These are fastened to the box corners as shown. When the box is opened the lid swings back and is out of the way. For a light box the hinges may be cut from tin.

Jonesboro, Ark.

Thresher for Kafir Seed

To shell kafir, cane, or milo seed I take a board 2 feet long and cut a long, narrow V into it at one end. I then pull the heads through this V and the seeds come off very readily.

Tully, Kan.

No Tying Necessary Then

A little industry and a few pieces of wood may be utilized to make a contrivance that will prove very convenient on wash days. It is a clothes-line holder. A is a piece of 4-inch board about a foot long, to which the block B is securely nailed. C acts like a cam and grips the rope tightly when brought down. It is pivoted at the upper edge as shown and the end, working in conjunction with B, is rounded.

Jonesboro, Ark.

Many Uses for This Tool

I have a fence making tool that I find very handy. It is a wire stretcher, staple puller, and also makes a good cane when "walking" fences look-



ing for trouble. On occasions have also killed rattlesnakes with it. The handle is of wood 3 feet long at the lower end of which I bolted an iron tip with which to pull staples. A few inches from the same end I fastened a short chain with a claw in the end to catch the wire when stretching.

Hugoton, Kan.

One of the greatest achievements of Thomas Jefferson's life was when he built a plow that was an improvement over preceding types.

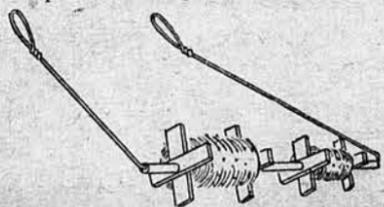
outer ends are bent to form bails. The contrivance may be pulled by hand or a horse may be hitched to it. Two spools may be unrolled at one time if desired.

Yuma, Colo.

Good Features in This Rack

Last season we treated our farm to a new hay and bundle rack that we are well pleased with. Perhaps other

Simple as Can Be.



When the Corn Cutters Come

The Secrets the Big Ear Told the Stalks

BY W. CLEMENT MOORE



The long leaves rustled noisily

IT WAS caused by a gentle breeze which swept gaily across the cornfield, on a beautiful September afternoon.

The tall Stalk creaked and groaned and the long Leaves rustled noisily, but the heavy Ear simply swayed majestically and treated the whole affair as a matter of course.

At last the Ear grew tired of the noise of the other two and said rather impatiently:

"Why do you make such a fuss about a little breeze? You will be handled more roughly than that before long."

"How is that?" anxiously inquired the Stalk.

"Because the corn cutters are coming," said the Ear, "I heard them say so the other day, when they walked through our field."

"Oh dear! Oh dear!" exclaimed the Stalk and the Leaves in chorus.

"I am sure you are both very foolish to worry so," advised the Ear. "You would only die, if you were left out here during the cold winter. But we shall be of some use, and see something if life, if the harvesters take us away from here."

"What do you mean?" queried the others, and by this time all of the neighboring Stalks and Leaves were listening.

The Ear drew itself up proudly.

"You see," she said, "I hear everything that is going on around me, because my Ear is large; and I overheard my grandmother—the grain from which you grew, Mrs. Stalk—say that all of us have a very useful work to do, after we leave this field of ours."

"Please tell us about it," they all cried.

"Well, it is an interesting story. Grandmother said that the corn cutters would come and cut all the Stalks close to the ground, and—"

"But that will hurt," interrupted several of the Stalks.

"Not at all, for your feet get tough," answered the Ear. "Then, as I started to say, the Stalks are placed in a tall stack. The huskers come and we Ears are taken from the husks and put in large corn cribs to dry out nicely. Next there comes a merry crowd of young fellows into the field and all of you Stalks are loaded on great shelving wagons and a fine ride given you to the cowbarns."

"Hurrah!" shouted the Stalks.

"But that isn't all," continued the Ear. "You are then piled up either in the mow, or it may be in great stacks around the barnyard, where you will be snug and warm until you are used in the winter either for a bed or food for the cows. So you see you will have many pleasures before your short life comes to an end. Far more than you would have if you were left out here."

"That is true, but how about you?" they asked.

"Well, I might be fed to the horses, chickens or some of the other farm animals right away, or I might have a very long and pleasant life of it. Some of us get long rides to the grist mills where we are ground into cornmeal. Others go on board trains for many miles, to large factories where we are made into cereal foods people all over the world eat for breakfast. Or we might go into factories and be made into cornstarch. But what I should like best of all, would be for the farmer to sort me out and after looking me over carefully, remove my cap where the

small grains are, and my shoes where the grains are poor and then lay me away until next spring, to be shelled and planted in a field like this so that my grains would raise hundreds of Stalks like you and Ears like myself, and my friends over there."

"We hope you shall have your wish, and thank you for the story," said all of the listeners kindly, as they bade the Ear "Good Night" and settled themselves quietly to sleep.

Your Mind Travels Swiftly

BY MORTON DAY.

Sometime you have been talking as hard as ever you could talk, when suddenly a thought of some one or some place hundreds of miles away has popped into your head. You can't think at first why you should have thought of it, but if you think a bit longer you can usually trace yourself back. Not many days ago, I went into a public dining room, and picked up a menu card to order my dinner. Suddenly I thought of the family at home as we used to sit, boys and girls, at our table. There seemed to be nothing whatever to suggest it, as I had not been in that dining room for many years. Then I glanced at the card more closely. "Watermelon On Ice" I noticed. Again, almost before I realized it, I saw the family at home with a huge pile of watermelon on the round tray just as it always was served there. All of my early associations with watermelon had been the same—the same faces around the same table in the same room, and when years after, I saw watermelon on the menu card, the scene flashed involuntarily into my mind.

Not many days after, I saw a plate of corn bread, and at the same minute I thought of a certain young woman who had lived with our family when I was a child. At first, the connection was not apparent. Then I remembered an incident which explained it. On one occasion, during a season of house cleaning, her father had eaten a meal with us. It happened that a plate of corn bread was served. He was extraordinarily fond of corn bread, and his repeated calls for it had amused me greatly. An older brother and I finally became so under the influence of mirth, that we were sent to the kitchen to finish our meal.

Again, I was driving along a country road. I heard music as I passed a farm

house, and at the same moment I thought of an old friend whom I had not thought of for many years. There seemed to be nothing in the quiet roadside scene to bring him to my memory. He had never been in this state. Then I listened a bit more carefully.

"And now we are aged and old, Maggie, The trial of life nearly done, Let us —"

They were singing a song I had not heard since the friend sang it years before. The familiar melody was associated in my mind with this person.

Sometime after a long silence, a friend will interrupt with a remark that seems miles from the thought last spoken. Usually, it is possible to go back over the chain of thought to the place where it began, and you will find this tracing back most interesting. Though you may not realize it, when you have formed the habit of keeping tab on your mind, you will be learning something of what wise men who read much, and enjoy long names, call psychology.

Another Year Is Coming

BY W. CLEMENT MOORE

So much is being done now in the way of boys' and girls' corn clubs that everybody is interested in seed corn. Here are a few practical hints:

The success of your corn crop next year will depend largely upon the care and good judgment which you exercise in selecting your seed corn when it is harvested this year. As the corn is being handled, husked, carted or put into cribs you will have an excellent opportunity to lay aside the most perfect ears for careful drying and preservation. Such ears should be selected, not on account of size alone but on account of their good, healthy condition. Two or three dozen ears thus selected from each load will soon give you enough corn for next year's planting.

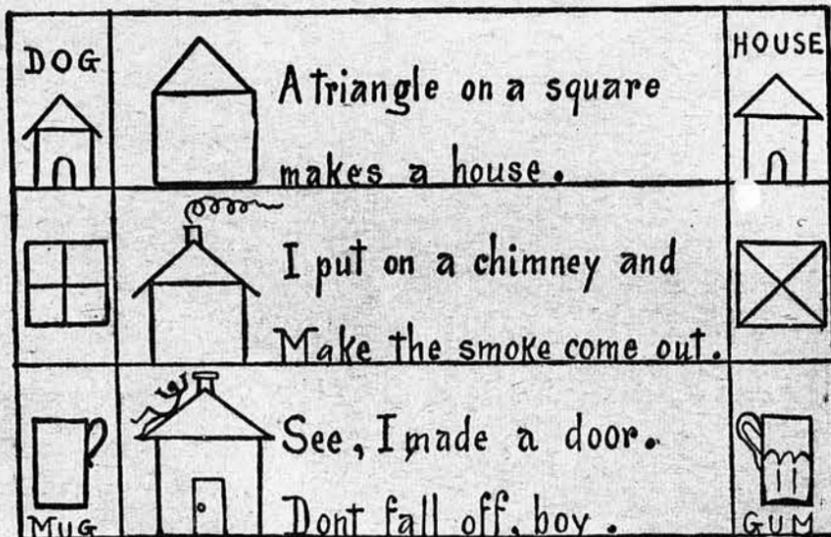
The drying process is best done in the attic of your house, wagon house or workshop, where swinging shelves may be built to hang from the rafters, with slats part way up the sides so that the corn may be piled in each shelf. A shelf 10 feet long, 1 foot wide and hung 2 feet from rafters will hold five or six bushels of seed corn so that rats and mice cannot get to it. On a large farm it will require several such shelves, but you can build them double if you like, in order to take up less room.

It is just as necessary when digging time comes to select seed potatoes with care and store them carefully. If you raise two or three kinds in a field, be careful not to mix them. Good, dry, wood bottom bins, built 2 or 3 inches up from the cellar floor are best for keeping seed potatoes.

Try to Make a House

Nearly everyone thinks it is hard to make a house. Even your father, who is big enough to stay up until 10 o'clock every night, and can plow and make hay and do ever so many other hard things doesn't think it is easy to make a house. And your big brother who is just beginning to shave hasn't even thought of making a house because it takes so much time and money. This is one time that you can beat them—think of it—make houses when even father has to work a long time before he's ready to start one!

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Get a sheet of paper—perhaps mother will let you have her hat sack, that is torn, to use—and a pencil. Ask for a good soft one that you won't need to put in your mouth to get a black line. Then make houses like the ones in the picture. This picture was taken from a book. There are many other pictures exactly as interesting as this one. "Moving Picture Lessons for Children" is the name of the book, and William Newell Hull was the man who prepared it. You can get it by sending 25 cents to the Hull Publishing Company, 708 Jackson St., Topeka, Kan.

The Playtime of Bachelor Bill

Our Uncle Bill's a bachelor, an' it's an awful shame, 'Cuz he knows stories about bears an' knows 'em all by name, An' growls 'ist like a really one an' makes you think a bear Is underneath th' table, but of course it isn't there. An' when he takes you on his knee he talks 'ist like a book, An' after while your eyes get big an' you're a-scart to look W'en he says: "Nen a bear come out an' 'ist went 'Boo-oo-oo!" Becuz you almost think a bear is really after you.

An' 'en he plays wild Indian an' hides himself somewheres W'ile we look in th' corners an' behind th' parlor chairs, An' peek in th' dark closets an' p'tend we're on a scout Till after while he makes a whoop an' 'en comes rushin' out 'ist like he's on th' warpath; an' us chinnern run upstairs, An' hide in mamma's closet an' he makes us think 'at bears Are comin' in to get us an' he growls 'ist like he's one An' my! we're turble scart an' yet it's awful lots o' fun.

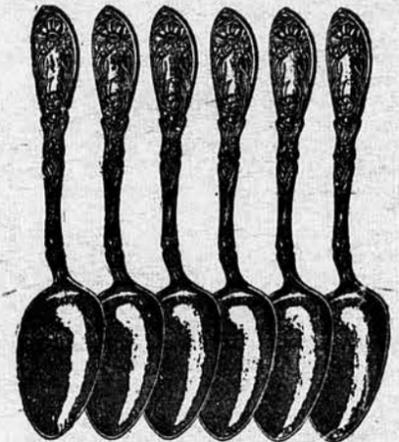
An' 'en he is a pirate an' he makes us chinnern play 'At we are in a shipwreck an' th' crew is cast away Upon a desert island w'ere his treasure chest is hid, An' we are only sailors an' his name is Captain Kidd. An' w'en we hear him comin' he 'ist roars an' 'en we run, 'Cuz he has broomsticks for a sword an' pokers for a gun. An' after while he kills us all but it don't hurt, an' w'en He sails away in his big ship we come to life again.

'En after while our mother comes an' taps him on th' head, An' says it's time for bears an' scouts an' things to be in bed, An' leads us chinnern all upstairs an' maybe if we keep Right still she'll let th' candle burn until we go to sleep. 'En after while our Uncle Bill comes up to say good-night, An' sees how snug an' warm we are an' all tucked in so tight, An' 'en he kisses us good-night an' 'en his eyes 'ist blur: I guess we make him sorry 'at he is a bachelor!

—J. W. Foley.

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 Company. Each spoon is extra heavy, full



standard length, extra deep bowl and with beautifully embossed and engraved handles. I am going to give a set of these handsome spoons absolutely free, postage paid, to all who send just \$1.00 to pay for a year's subscription to my big farm weekly, The Farmers Mail and Breeze. Send your subscription order at once and secure a set of these beautiful and serviceable spoons. State whether you are new or old subscriber. Time will be extended one year if you are already paid in advance. Address Arthur Capper, Publisher Mail and Breeze, Topeka, Kan.

The length of the time the cow will maintain her maximum production depends upon her constitution, strength and the care with which she is fed and managed.

The Billard Issue Is Met

Arthur Capper Tells the W. C. T. U. of a Danger Not to Be Lightly Regarded in Kansas

IN his address to the Shawnee County W. C. T. U. at Oakland Christian Church, September 5, Arthur Capper, Republican nominee for governor, spoke emphatically against the issue raised by J. B. Billard, resubmission candidate for governor. No one was in doubt about Mr. Capper's attitude as to the liquor question after the speech was finished. Mr. Capper has been a member of the Topeka Central W. C. T. U. for years, so that so far as the city was concerned his opinion was known.

Mr. Capper was introduced by the presiding officer, Mrs. Emma R. S. Blair, acting president of the county W. C. T. U., as "the next governor of Kansas." In presenting him to the convention Mrs. Blair said: "We all honor Mr. Capper for the splendid service he has rendered the city of Topeka and the state of Kansas in his valiant fight for many years for the principles we hold so dear. As an aggressive and steadfast champion of prohibition, equal suffrage, clean government, good morals, and good citizenship, he has been a great power for the right in this community and we are glad to honor him."

The Mistake in Maine.

Mr. Capper's address was so enthusiastically received that the officers of the W. C. T. U. asked that it be widely disseminated. He said:

"We had all thought in Kansas that prohibition of the liquor traffic had become a settled policy of the state. But as all Kansas now knows, a citizen of Topeka is making it a political issue in this campaign. I see in this not merely the desire of one man to again poll Kansas sentiment on this question, but the desperate strategy of the liquor interests to put farther off the day of national prohibition and to check the rapid advance of the movement in other states. We shall do well to be warned in time. It is far from unlikely that the liquor interests, which know so well how to play the 'game of practical politics,' intend if possible to give prohibition in Kansas the same kind of disastrous reversal it met with a few years ago in Maine. Then the nation was astounded to learn one morning that the first prohibition state in the Union had gone 'wet.' I believe it took the official count in that election to prove that prohibition had a small plurality in the state in which it had been the law for two generations. The effect of that election was very damaging. It discredited prohibition all over the world.

"Doubtless the friends of prohibition in the Pine Tree state believed raising such an issue in Maine was preposterous and refused to take it seriously or to get excited about it. This attitude of mind always plays into the hands of the enemy. Such a reversal for prohibition at this time in Kansas, or even a 'good showing' for the liquor interests at the polls, would be a severe blow to the cause, but would have a far worse effect on the law's enforcement in Kansas itself. We should take no risk of such a calamity. That the question should be raised at all in Kansas is a misfortune.

"We may be sure this is the plot, that a serious attempt is to be made by the desperate saloon trust to discredit prohibition in its most famous stronghold and that the usual sinews of war for such a campaign will not be lacking. We should not presume too much on our strength but be prepared and ready when the test comes as it will.

Kansas Must Lead the Way.

"It seems to me that the state which has tried prohibition for 30 years and demonstrated that it is a complete success—

"That has reduced the annual expenditure for liquor from \$21 per capita, the average in the United States, to \$1.25 per capita, in Kansas.

"That has reduced illiteracy to 2 per cent—the lowest in the United States;

"That has forty-eight counties which did not send one prisoner to the penitentiary and eighty-seven counties that did not send an insane patient to the asylums the last year;

"That has more than a dozen counties

in which no jury has been called in ten years to try a criminal case;

"That has fifty-three counties without prisoners in their jails;

"That has twenty-eight counties without paupers in their almshouses;

"That has the lowest death rate in the world—7½ for each 1,000 persons;

"That has more students in colleges and universities in proportion to the population than any other state;

"That has increased its bank deposits in ten years from \$100,000,000 to more than \$200,000,000.

"It seems to me that such a state can well take the lead in the crusade for a saloonless nation and has a right to say—indeed that it is its duty to say to the people of the United States and to the world: The public health, the public peace, the public morals and the public welfare demand the absolute eradication of the saloon by a nation-wide prohibition law. We shall win this great fight for National Prohibition because our cause is just and we are on the side of right.

Sentiment Is With Us.

I believe that more than 75 per cent of the best people of Kansas—those who believe in good morals and good government without regard to party affiliations are heartily in favor of prohibition. I am proud that we live in a city which consumes less intoxicating liquor than any other city of 50,000 in this big round world; more than that, it has less crime, less illiteracy, less poverty, and less immorality than any other city of 50,000 people.

"I rejoice that it has been my privilege for nearly thirty years to stand aggressively and uncompromisingly for prohibition and the strict enforcement of the prohibitory law, personally and through the columns of the newspapers I have controlled. I am vastly proud of the fact that my newspaper, The Topeka Daily Capital, was the first newspaper in Kansas to champion prohibition. It has stuck steadily to the cause ever since, it has supported the law and order movement in Topeka and throughout Kansas consistently and earnestly, and today is recognized as one of the strongest advocates of prohibition among the newspapers of the state. You will always find it working with your splendid organization wherever and whenever the cause of prohibition is assailed.

Kansas Women Will Attend to It.

"But I am not alarmed over this so-called resubmission plan. The friends of prohibition in Kansas have battled too long and too courageously now to have all that they have accomplished undone by this movement. They will have learned by experience and will not see their vote divided in a contest where so much is at stake. The women of Kansas will attend to this now and always.

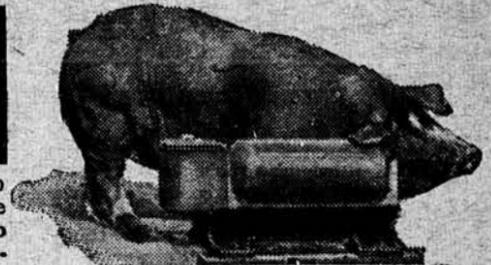
"Before municipal suffrage came in Kansas we had open saloons, gambling houses and all their attendant evils in all the large cities. The downfall of these vicious institutions is largely due to women's votes at municipal elections. I have watched our city elections closely for the last twenty-seven years, and in every instance where the law enforcement and good government issue has been raised the great benefit of women voters has been that it was aggressively on the side of decency and good morals. So I am not afraid to trust the women with the ballot in every city and every state in the Union.

Banish Commercialized Vice.

"I have all my life, in public and private, advocated what we call for want of a better term, 'Equal Rights for Women.' Born of the noblest mother in the world, an anti-slavery woman, an anti-liquor woman, a woman who embodied in her personality and daily life all that was pure and wholesome and sane and uplifting, I could not help feeling years ago that her influence and the influence of her sisters and her daughters would make for good in every field of human endeavor. And the more I saw of life, the more I felt the need of those ideals which woman guards and cherishes.

(Continued on Page 23.)

They DO Rub-Rub!



Hog-Joy System on Farm of Dr. Hopping, Mt. Pulaski, Ill.

Hogs go crazy to rub-rub-rub on the Hog-Joy Oiler. They leave posts, stumps, trees and fences to get to the machine to rid themselves of vermin.

The hogs do all the work themselves. You have nothing to do—no work, time or worry—no individual treatments—no special dosing to be repeated every few weeks. You simply put the Hog-Joy machine in the pen, and the hogs do the rest. 5 cents a year per hog keeps them free from lice.

HOG-JOY SYSTEM OF SUCCESSFUL HOG RAISING

Lousy hogs are more apt to contract Cholera and die than hogs that are free from lice. Blood-sucking lice on your hogs mean poor, lean, restless, unhealthy hogs—less profit for you.

Why not save feed, keep your hogs healthy and fat and get them to market quicker by keeping them free from blood-sucking and profit-sucking lice with the Hog-Joy Oiling Machine?

Special Offer—\$5 Oil Free! 30 Days' Free Use

To quickly introduce the system to a thousand more hog raisers, we are giving away a six months' supply of Hog-Joy Oil—the famous vermin chaser—10 gallons—absolutely free! Besides this we give you 30 days' free use of the Hog-Joy Machine. If it doesn't make good, back goes your money. This offer is for a short time only. Write and get all the details of this special introductory price offer and save \$5 besides.

Hog-Joy Co., 427 N. Fifth Street, Springfield, Ill.

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The New Dress Comes Next

Farm Women Don't Go Shabby These Days

BY LUCILE BERRY

SILOS filled, children's clothes ready for school, there comes a little pause before fall house cleaning when farm women have time to think of clothes for themselves. Farm women today are on just as familiar terms with fashion books as city women are, and it's right that they should be. Farming is being looked upon as a dignified and honorable calling these days, and it is well for farmers and wives to slip off overalls and kitchen aprons when occasion demands and dress up to their profession.

Women of standard size have no difficulty in choosing costumes from the fashion plates which are becoming, but often for the woman who is too short or too stout, or too tall or too thin, the pictures in the books and the dresses made from the patterns don't correspond. It is a good thing for the woman who knows she is too short and a bit too stout to be in the average class, to keep the fact in mind as she leafs through the catalogs or fashion books to find just the garment she wants.

A dress is as much an artistic problem as a picture is. The same principles of art apply to both. For the woman of odd size, these are the most important laws of art applied to costume: Long, unbroken vertical lines give apparent height and detract from the width. Horizontal lines detract from height and add to the width. The illustrations prove these rules. Notice the rectangles first. They are exactly the same size. The one at the left appears taller and narrower than the one at the right, while that one appears wider than the one at the left. There is a reason for this. The eye catches and follows the longest lines of an object, giving them undue prominence over the short ones.

How do these laws apply to dress for the short, stout woman? Long vertical lines give height and detract from width. Applied to dress this means that the short, stout woman should wear stripes, shoulder-to-hem panel effects, narrow yokes in the waists, narrow inconspicuous belts which do not break the long vertical lines from the shoulders down to the bottom of the skirt, that even this little break should come above the waist line except in cases of short waistedness, and that the horizontal breaks which are necessary—belt, bottoms of sleeves, and collars—should be

slanting rather than in an abrupt straight break across.

Horizontal lines detract from height, and give width to the figure. This is the law most commonly violated by the too stout woman. She should avoid the popular tunic, all ruffles, all horizontal bands of trimming, flaring pleated or gathered skirts, full flaring, flowing sleeves, broad deep yokes, wide, bright colored sashes and belts. It would truly seem that the fashions for the present have been built to favor the tall woman who wants to be shorter, but somewhere, tucked among the figures in the fall books and catalogs you can find the costume you need.

The same rules make it simple for the woman who is too tall and angular to choose becoming styles for her clothes. She should be most cordial to the tunics, wide belts, horizontal ruffles, and cape effects which cut down the height from her figure. If a tall person is graceful—willowy, the novels call it—she shouldn't be eager to conceal the long lines of her figure for they may be the most attractive thing about her. It is for the tall woman whose hands and arms were sent in the size too large, whose feet came to match the hands, that the suggestions are useful.

These Aprons Cost Little

Good everyday aprons can be made from flour sacks dyed dark blue or brown. One flour sack is wide enough then you will need another for a ruffle, belt and strings. That will make about 4 for 25 cents, counting five cents for dye. Sugar sacks are good too, and are long enough without a ruffle. They are also very good, left white to wear while baking cookies. One can also make a fancy apron by rounding the corners and trimming the edges with lace.

Mrs. J. M. Nielson. Marysville, Kan.

Sweet Potatoes May Be Canned

I am responding to a recent request for a recipe for canning sweet potatoes. To can sweet potatoes, wash them thoroughly and boil them just enough so that the skins may be removed easily. Cut in pieces of convenient size for packing. Pack firmly in jars, but do not mash. Add sugar or salt to taste, fill the jars full to overflowing with

water that has been boiled and cooled. Adjust rubbers and lids, but do not seal tightly. Then sterilize by placing the jars on a false bottom in a boiler, cover the cans about one-half with water and steam. The first day after the water has reached the boiling point, steam 30 minutes and the second and third day, 40 minutes. Then seal tightly and store in a dark cool place. If the recipe is followed, the potatoes will keep indefinitely. The secret of canning all vegetables successfully, lies in perfectly clean utensils and complete sterilization.

Stark, Kan. I. Nelson.

Try Corn Relish

To make corn relish, you will need 12 ears of tender corn, 1 quart vinegar, 1½ cups sugar, 6 or 7 big stalks celery, 4 red peppers, 4 green peppers, 1½ teaspoonsful ground mustard and 2 table-spoons salt. Chop or grind, mix thoroughly, boil 15 minutes and seal.

Mrs. J. M. Nielson.

Marysville, Kan.

Insect Pests in the House

There is said to be a remedy for every ill, if we can only find it. Insects in the house are more than an ill; they are a calamity. Most of them can be prevented, although some go the way of the unjust only after a persistent struggle; but none of them needs to be endured.

Flies were for a long time considered an unavoidable nuisance. Now we know that if nothing is left to decay around the house, and if the barn and its premises are well taken care of, there will be no flies. A big trap baited with buttermilk and kept at the barn is a very effective helper in the fight against them. Flies are not only troublesome but they carry disease, and time spent in keeping rid of them is well worth while.

It is said that oil of sassafras scattered about is the secret of the flylessness of drug stores, where the soda fountains would otherwise attract flies by the thousands.

If the screen doors and windows are painted with kerosene, several times during the season, the flies will not come near.

To get rid of the flies that get into the house and gather on the ceilings at this time of year, n 7 a tin cup to the end of a long stick. In the evening prepare a hot soapsuds, pour into a deep cup, set this in the tin cup on the stick and place under each fly. The suction of the steam will cause them to drop, and the suds will kill them. Kerosene is said to have the same effect.

Oil of sassafras on the pantry shelves will keep ants away. Dampen bits of cloth in the oil and scatter them about. Some women have found the old fashioned herbs—mint, sweet mary and old man—good to keep mice away. Oil of peppermint in saucers is another thing to which mice have a great aversion.

All Aboard For School

As I watched the children start for school this morning, the lure of the school room was to my heart as the salt tang of the ocean to the sailor. Is it dotage or foolishness? Whatever the name of the malady, it occurs intermittently and sometimes uninterruptedly. Certain it is that I have not arrived at the age when all that is worth while lies in the past, for this is the best age the world has ever seen, but not the best that it will see. There is a future great in possibilities lying all but undiscovered before the youth of today. The question for serious consideration is—how shall they prepare for it?

Certain it is that few high school graduates and fewer still of the lower classes can or should try to decide what their life work shall be. But during the formative period there is nothing better than to get all the intellectual and physical equipment possible. There is no other work more profitable for the youth from 14 to 18 or 20 than to be in that kind of training. It is a mistake to argue that because a girl does not wish to teach, or because a boy intends to be a farmer they should end their school days in the eighth grade. Life is a bigger job than teaching or farming and we seldom get more education than we can use. This is a great time in which to live and especially in which to be young.

Mrs. Inez Barrows. R. 5, Clifton, Kan.



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

A practical waist for fall and winter wear is the shirt waist, 6594. It is cut in six sizes from 34 to 44 inches bust measure. Size 36 requires 17½ yards of 44-inch material.

An apron which will slip on over woolen dresses is useful to farm women. 6725 is such a garment. This apron is



cut in sizes 36, 40 and 44 inches bust measure. Size 36 requires 5¾ yards of 36-inch material and ½ yard of 27 inch contrasting material.

The skirt 6734 is cut in only two pieces. The long fitted tunic is especially adapted to woolen goods. It is cut in 6 sizes from 22 to 32 inches waist measure. Size 22 requires 3¼ yards of 36, 44 or 54 inch material with 1¼ yards of 36 inch lining for the top of the gores. The ladies' dress 6697 may be made of wool material for winter wear, or of gingham or calico for house use. It is cut in seven sizes from 34 to 46 inches bust measure. Size 36 requires 3¼ yards of 54 inch material and 1½ yards of contrasting goods.

The kimono apron for girls shown is most practicable. It may be worn over outing slips for warmth in winter. It may be had in seven sizes from 2 to 14 years. Age 8 years requires 1¾ yards of 36 inch material and ½ yard of 27 inch contrasting goods to trim.

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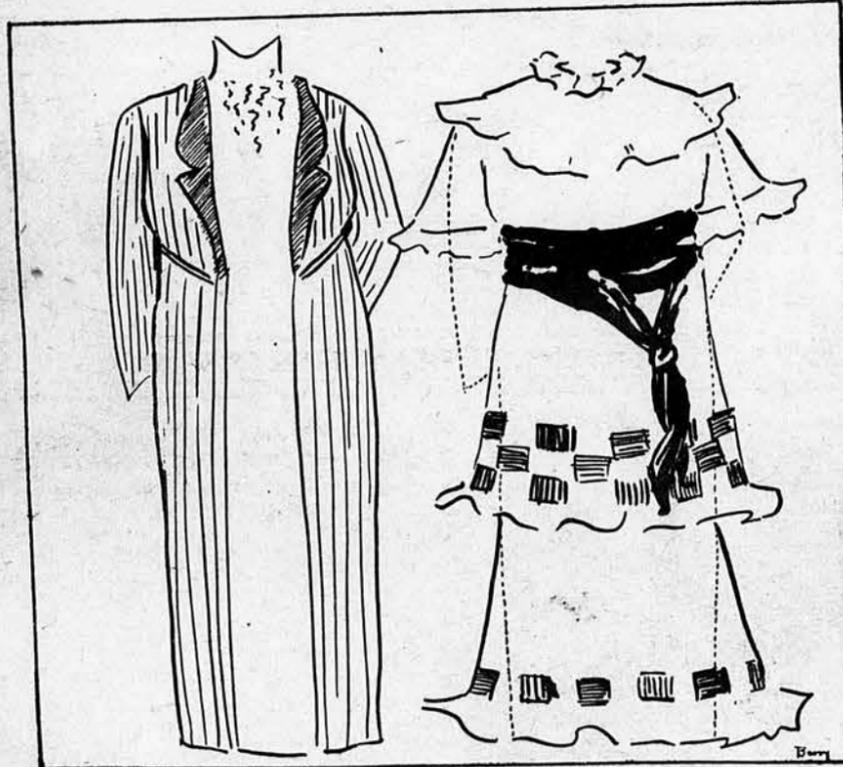
Name

Postoffice

State

R. F. D. or St. No.

BE SURE TO GIVE NUMBER AND SIZE.



The foundation lines of these two figures are identical. The costume at the left decreases the apparent size of its wearer by its long vertical lines. The horizontal lines in the costume at the right give ungainly width.

The Nation's Cook Books

THEY'RE FREE FOR THE ASKING.

No branch of the United States government comes so near to the people as the department of agriculture. The department of agriculture deals with the cotton, the wool and the flax of which our clothes are made, the herds we raise, the crops we produce, the food we eat, and the timber of which our houses are built. It has studied many questions which relate to the use of agricultural products on the farm and in the home, but none of these has come closer to the household than the nutrition investigations of the office of experiment stations.

The results of this work have been summarized in farmers' bulletins, 24 in number, on a great variety of topics, such as the food value of milk, sugar, bread, meats, fruits and vegetables; methods of preparing food for the table, and the care of food in the home. That this information has been appreciated is shown by the fact that 9,968,000 copies have been required up to date to meet the demand. More than 700,000 copies have been published of the bulletins on bread making. Of Farmers' Bulletin No. 128, "Eggs and Their Uses as Food," 555,000 copies have been distributed, and of Farmers' Bulletin No. 121, "Beans, Peas and Other Legumes as Food," 420,000 copies.

The publications which deal with the preparation of food have been particularly sought after, 762,000 copies having been issued of Farmers' Bulletin No. 203, "Canned Fruit, Preserves and Jellies—Household Methods of Preparation," and 740,000 copies of Farmers' Bulletin No. 256, "Preparation of Vegetables for the Table." The bulletin which heads the list in the demands made for it is Farmers' Bulletin No. 391, "Economic Use of Meat in the Home," which discusses the preparation of this staple food material with reference to economy as well as palatability. In the two years since this bulletin was published 1,920,000 copies have been printed.

In bulletin No. 57 on "Water Supply, Plumbing, and Sewage Disposal for Farm Homes," published last winter, is the most reliable information ever published on that subject. Many recipes are found in No. 565, "Cornmeal as a Food and Ways of Using It." Another interesting bulletin is No. 559, entitled, "Use of Corn, Kafir and Cowpeas in the Home."

One of the best things about these valuable bulletins is that they are free for the asking. If you want one write to the Division of Publications, Washington, D. C., specifying the number and title of one you want. If you want information on some subject not included in the bulletins mentioned, write asking for their List of Free and Available Publications of Interest to Farm Women. Or write to your senator or representative in Congress, and he will be glad to get one for you.

These Do Not Wilt

This is my method of preparing cucumber pickles. I gather the small ones about uniform in size, wipe them, and pour boiling water over them leaving it only a minute or two and then drain it off. I then place a layer of salt in a jar, then a layer of cucumbers and proceed until my jar is filled, which may take one or many pickings; it makes no difference. Keep them weighted so they will stay under the brine, and occasionally wash the weight and cloth to free them from the mold which is sure to form. The pickles will shrivel, but do not worry about that. When you are ready to serve them, take out the required number in a granite or stone vessel, put in a small lump of alum—about the size of a very small marble—and pour boiling water over the pickles and alum together. Let them stand until cold and repeat the water bath as often as is necessary to freshen them, always using boiling water when changing them. Then heat the vinegar to the boiling point, add the spices and pour over the cucumbers. The pickles should be fresh. Do not use too much alum as it is likely to be harmful.

Lawton, Okla. Mrs. M. K. Boody.

"Is'e doctered with about everybody else," said an Atchison colored woman this morning, "and if I hed the money I would try this Monroe docterin' I been hearin' so much about."

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How About Future Steaks?

Government Beef at Cost Would Be Ruinous

BY H. A. BEREMAN

WHERE are the beef-steaks coming from? wails the ultimate consumer; also the packers and the stock yards men whose living comes from cattle. Here is a sample of the material handed out by some of the men interested in slaughtering great numbers of cattle. It was A. M. Dubin, a New York delegate to the latest convention of American Meat Packers, who said it:



"It is the duty of the United States to stock its government lands with cattle, put the army and navy to work as cowboys, supply the packers with this beef at cost, so that the price will be lowered to the people, and the threatened famine, due in six or eight years, will be averted. Only by some drastic action could the meat shortage now under discussion be alleviated.

"My suggestion is perfectly simple," Mr. Dubin goes on to say. "The government lands in the West could be made into great pastures where countless cattle could be raised to relieve the present big cost of meat and avert the famine that surely is coming otherwise. Unless some such action is taken, there will be no meat on the tables of American workmen in the next decade. The country has no higher obligation than to relieve this situation which every day is becoming more serious."

Drastic action may be necessary, as Mr. Dubin says, but the spectacle of the army and navy, especially the navy, doing duty as cowboys producing "countless cattle" on those big western pastures, to be turned into beef at cost, would be worth a good deal to a clever playwright.

Government beef at cost would drive farmers out of the business. The drastic action necessary to encourage beef growing is a steady market and prices high enough to enable the feeder to show a profit over the cost of production.

The whole trouble is caused by the increase of population over the production of food. The two-legged contingent grows faster than the bovine population. Too many farmers have lost money in feeding. Only with the shrewdest judgment in picking feeders, with corn and hay at present prices, can cattle feeders in the Midwest get out with anything like a fair profit. Even then it is believed that if they count their time and labor, their risk and a fair interest on the whole investment, they would not be able to make any great showing in the way of profits.

When cattle brought 7 cents there was no talk of the poor workman not having enough meat on his table. Now it is 10 cents and behold! This 3 cents advance suddenly puts the consumer on the vegetarian list! The grower gets 3 cents more a pound for his live cattle, but the price of dressed beef soars out of sight. Who's to blame for that?

The grower must be encouraged by prices that will pay him a clear profit. The packer may have to earn a little less in the way of dividends. Everybody knows that they do not make big money on dressed carcasses, but it is also well known that the packers do make fortunes in the business out of the by-products. Until the packing houses are willing to divide profits with the growers, any suggestions of drastic reforms by compelling the growing of more beef, do not look well coming from the millionaire stockyards men.

The consumer may have to learn to make palatable dishes out of the less desirable parts of the beef carcass. We can't all have the tenderloin. The chuck, round and rump can be turned into delicious dishes when a good cook gets hold of them.

Cheaper freight rates, instead of higher, as the railroads are trying to establish, would go far toward helping along this game of more beef. Economy and efficiency in railroad management and less untimely expansion and Wall street juggling of stocks, would enable the roads to make money hauling car-

lots of cattle at lower rates and increase their business.

Most small farmers find they can make more money feeding their surplus hay and grain to milk cows instead of to beef animals. Occasionally there are farmers who do not like to milk, but who do like to keep some fat cattle. These will continue to aid in the aggregate supply.

While the open, free-for-all range of the old cattle baron days has gone, there remains a great deal of good and cheap grazing land in the West. Forest reserves can be obtained at a low rental. Often they are near to choice locations for small ranches. By protecting stock during the winter with brush and sheds; by feeding them some hay when the snow gets deep; by continuing the good start they have made in the West by using purebred bulls, there is no doubt that such influences will play a part in the beef of the future.

Baby beef grown to a thousand pounds in 12 months is partly another solution of the beef problem. It is easy to grow baby beef, but very few men do it. Too many seem afflicted with the hide-bound custom of the past. To make baby beef requires blood and feed. Purebreds or high grades of some of the pronounced beef breeds are necessary to begin with. Hothouse feeding and protection will rush the young stuff along to maturity at a rapid rate. That's about all there is to it.

The price of beef and of cattle is going to be higher before it gets lower. So say experienced men in the country-end of the business all along the line. When the price gets high enough to make it really attractive, farmers will begin to start some beefers on their way to the block. But it takes three or four years from start to finish as beef is now produced. Even with baby beef it would take two years approximately to get a cash return from a foundation herd. Pay the price and get your beef!

Federal Fund For Kansas

The Kansas Agricultural college will receive this year from the Lever fund the sum of \$10,000, and 72 per cent of this will be used for demonstrations in agriculture and 28 per cent for demonstrations and movable schools in home

Who is your neighbor? Any man who needs your help, any fellow who is down and out in the race of life. Any human being who needs a chance; any one who really could be helped by you in any way. Such men are your neighbors. Treat them kindly, as did the Good Samaritan.

economies. The college will also receive \$10,300 from the Bureau of Plant Industry for similar work, and in addition the government will pay one-half the salary and half the traveling expenses of a man for boys' and girls' club work, all of the salary and all of the expenses of a veterinarian for educational work regarding hog cholera and practically all the salary and all expenses of one man to be known as a "Farm Efficiency Expert," who will make careful studies of the business side of farming, working from three to four weeks in a selected township in one county and doing this work in the course of the year in about nine counties, chiefly in counties where county demonstration agents are employed. Nine county demonstration agents are now employed in Kansas and by January, 1915, there will be funds available for four more counties, the college paying one-half of the salary of each county demonstration agent.

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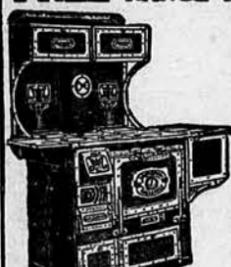
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Eggs by Mail Safely Now

Late Improvements in the Parcel Post

BY G. D. McCLASKEY,
Poultry Editor

THE parcel post was hailed with delight by people who had been looking for a cheaper method of transporting eggs to customers, but these same people soon began to steer shy of it, and it became common among those who advertised eggs for hatching to say that they shipped eggs by express only.

A few large shippers took it upon themselves to learn why parcel post shipments could not be delivered safely, with the result that a great improvement has been made by the postal department in the methods of handling this class of mail matter. Now all articles liable to injury in the mails are handled as "outside mail." Such matter is not placed in the mail sacks, but handled entirely outside of the sacks in separate packages. All shipments of eggs should be labeled "Eggs," and marked "Outside Mail." When handled in this way, eggs receive just as good treatment as when shipped by express, and the transportation charges are less.

W. F. Holcomb of Clay Center, Neb., who ships thousands of eggs for hatching every year, tried out the parcel post thoroughly during the past spring, and he had something to do with bringing about a better method of handling eggs in the mails. For a period covering several weeks he shipped an average of about 2,000 eggs for hatching a day by parcel post, using both boxes and baskets, but in each case the packing material was excellent.

In order to get an opinion of his method of packing direct from headquarters, Mr. Holcomb made parcel post shipments of eggs in both boxes and baskets to the chief clerk of the Railway Mail Service at Lincoln and the superintendent at Omaha. In each instance he received a reply to the effect that the eggs were splendidly packed and arrived in perfect condition and that there would seem to be no excuse for any treatment which would be rough enough to cause damage to the eggs. It was the opinion of both men that the use of the basket for shipping eggs would be most likely to insure outside handling and careful treatment and reach the destination safely.

From what has been learned by the postal department regarding the handling of eggs in the mails, resulting in a new set of rules governing the clerks, and from what the shippers have learned about the best methods of packing the eggs, there will, no doubt, be a great increase in the number of shipments of eggs for hatching through the mails next year.

noon, also sunflower seed, corn chop, and wheat. I always give plenty of fresh water and use Venetian red in the drinking water. Skimmilk is also a good ration for the first two weeks, then give plenty of rich food. I have used this plan 15 years and always had fine success.

Mrs. L. M. Morthem,
R. 6, Sedalia, Mo.

Reds That Make Good Breeders

BY EFFIE HILL
Achilles, Kan.

I started in with no capital but by careful mating, good management and close attention to every detail, I have established a profitable business and a strain of Rhode Island Red chickens that are great layers and have splendid color. When I started in the poultry business I bought the best birds I could find. It is a mistake to start with cheap birds.

In choosing males for the next year's breeders the first thing I do is to be sure that they are the progeny of vigorous standard-bred males and of females that are good layers. Then I see that they fill the following description: Head neat with good rose comb, red eyes and ear lobes without a trace of white; back of good length; breast deep and well extended; a good level keel with wings carried not too close to the body; tight feathered in fluff; legs wide apart and of good length. The color is also very important. Some breeders use male birds that are chocolate color although the proper shade is a deep, brilliant, live red from head to the base of the tail—a color that is soft and pleasing to the eye with under color free from smut or white.

The tail should be bottle green and well spread. The breast should be of a good shade free from shafting and as dark as the neck and saddle for this is a good strong breeding indication. I avoid males that are snaky in the head and pinched in the wing and tail for they are trouble makers. A good male bird is not cheap and I find that I have to pay a good price for them.

When buying a female I look out for the type and size and use females whose surface color matches the male's breast. I try to avoid shafting and mealiness in the wing bow and I never use a squat, Cochon-shaped female or a fluffy one. She should be well up on her legs, not too high but not built like a duck. If I get a hen or pullet that carries a

tinge of smut but is good otherwise, I use her but I cannot expect perfect birds from her breeding. The blacker the tail the better and it is a good thing if there is some black in the wings but no white. The under color in both male and female should be very rich and deep. After I have selected the birds I keep them clean, feed them right, have good houses for them and I am never disappointed in the results as the Reds will do well if carefully mated.

Pushing Ducks for Market

Two years ago I set my duck eggs under hens and got 62 Mexican Gray ducks. I lost only one duck until they were ready for market and their feathers more than paid for their keep. I sold them just before Thanksgiving at 9 cents a pound, most of them coming to about 50 cents.

I kept the ducks in small pens until they were 6 weeks old, putting them in a duck house at night and on rainy days. The house had a concrete floor and one window in the west side. I fed them four times daily on a mixture made up as follows: Wheat bran 55 parts, corn meal 20 pounds, flour 15 pounds. I mixed sand in with the feed in the mornings. I kept plenty of drinking water before them but not enough to swim in.

R. 3, Bronson, Kan. J. B.

Dressing Ducks and Geese

[Prize Letter.]

In dressing geese or ducks, I have discovered, the best way is to have a boiler of boiling hot water. After killing dip your birds into the boiler by holding by the head and feet and turning them over in the boiler, then wrap in a sack and let steam for several minutes and the feathers will come off easily. I think this method is better than dry picking. After picking I spread the feathers in a dry place where they can be stirred occasionally and find them as good as if they were dry picked. Try this method and see for yourself. Newton, Kan. Mrs. C. Pointner.

The Road Hog

A road hog, according to the automobile dictionary, is a fellow who takes all of the road he can get, and he is a road hog whether he drives a motor car or a team. The new Kansas automobile law compels the road hog to share the road whether you meet him or want to pass. This should put an end to the road hog; but it won't, they are born that way.

The gasoline engine is a good workman, but it demands its wage of oil and care.

Feed and Care During the Moul

[Prize Letter.]

Mr. Editor—To secure the best results with moulting chickens a systematic plan must be followed. I hatch all my chickens that I use for laying, during the months of January and February. In doing this I get eggs that will produce stronger chickens than those hatched in June. The surplus stock brings the highest price, and the pullets will do most of their laying during the time eggs are worth gathering. When the pullets are kept in good laying condition during the winter months while laying, they will moult early, and then be in fine condition for eggs during fall and winter. In this way the hens all moult at once and not five months in the year.

I also hatch chickens during the latter part of August and up to September 10. The chickens will develop more rapidly than May, June and July hatched chicks and the surplus will be ready for the Thanksgiving market. The pullets will be laying in early spring when the early hatches are moulting.

The chickens hatched in January and February all moult at once so I can feed moulting rations to all. For the first two weeks I feed very sparingly, just enough to keep them satisfied. I do not let them range much during the moult, and I keep them in pens, feeding wheat bran, well wet with water. This I feed until through moult then I give them a bran mash morning and

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The Price of Wholesome Milk

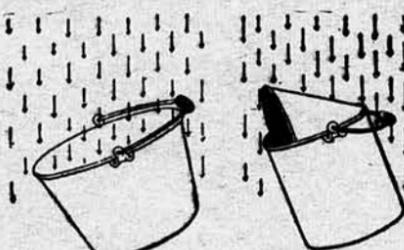
How Bacteria Cause Trouble and What May Be Done to Keep Them Out

BACTERIA are the sole cause of the souring of milk and it is when the weather is warm that bacteria find living conditions which just suit them. To get as few bacteria as possible in the milk wash the cow's udder before milking. The milker's hands and the pail should be thoroughly clean. Keep out the dust. To do this some dairymen go so far as to stretch cheesecloth across the pail and milk through that, which is a very good plan to follow.

A covered pail is a help. Immediately after milking strain the milk from the pail through three thicknesses of cheesecloth, then put it in a cool place and keep it cool until the cream rises. The sooner the milk is cooled after being taken from the cow the longer it will remain sweet.

According to government experts, bacteria develop and multiply most rapidly when milk is at a temperature between 80 and 100 degrees. At maturity, a bacterium divides into two individuals and under favorable conditions these two may become full grown and themselves divide, in 20 or 30 minutes. The lower the temperature of the milk the more slowly will the bacteria develop.

The accompanying sketch (after Conn) shows how rapidly bacteria will multiply under favorable temperatures. A single bacterium (a) will have increased to five individuals at the end of 24 hours when milk is kept at as low a temperature as 50 degrees. But let this milk be held at 70 degrees for 24 hours and the single individual (a) will have multiplied to the



The Difference in Milk Pails.

number represented by (c). These facts are vouched for by government authorities who based their statements on actual tests, not theories.

Bacteria found in milk are not all of one kind. Some produce no apparent change in the milk. Others change the flavor but have no effect on the appearance. The most common kinds cause a change in both flavor and appearance of milk. This class includes the kind that turns milk sour. They accomplish this by turning the sugar in the milk, into lactic acid. Another type produces a sweet curd.

Occasionally a bitter taste is noticed in milk. Usually weeds eaten by the cows are blamed for this bad flavor. As a matter of fact a certain kind of bacteria is very frequently at fault. These destroy the casein and albumen in milk, causing putrefaction, and hence the bad odors and flavor. Exclusive of all the foregoing are the disease-producing bacteria, most of which come from the udders of diseased cows.

The price of clean, wholesome milk is sanitary surroundings and healthy cows. Clean milk means clean cream and clean butter. While "cream was cream" among Kansas buyers prior to June this year the change to buying on a grade basis shows the trend affairs are taking with respect to sanitation in producing dairy products. As time goes on it becomes more apparent that the man who will apply modern sanitary methods, whatever may be the food product he puts out, will be paid well for the extra care taken.

A Unique Creamery is This

This picture shows an interior view of the experimental creamery owned and operated by the De Laval Separator company at their works near Poughkeepsie, N. Y. It is, in fact, a model creamery throughout. Its walls are of concrete and its interior is clean, bright and cheerful, and flooded with direct sunshine, equipped with the most modern machinery, and in addition to cooling vats, pasteurizers, Babcock testers, etc., it also includes the necessary apparatus for making chemical analysis, acid determination, bacteriological investigation, and is equipped with special apparatus designed particularly for making delicate tests.

Although the amount of milk received each day is greater than that taken in by many creameries throughout the country, it is unique by reason of the fact that it is probably the only creamery in the United States where practically all the milk is separated by hand separators.

In the effort of the De Laval company to maintain the standard of its machines, nothing is taken for granted and all improvements or changes in any of the De Laval machines are tested under actual use conditions in the De Laval creamery. There are also a number of machines taken out of the finished stock of each day's production and tested in this creamery, thus serving as an addi-

tional check on the already very severe mechanical inspection which every machine undergoes before it is shipped from the factory.

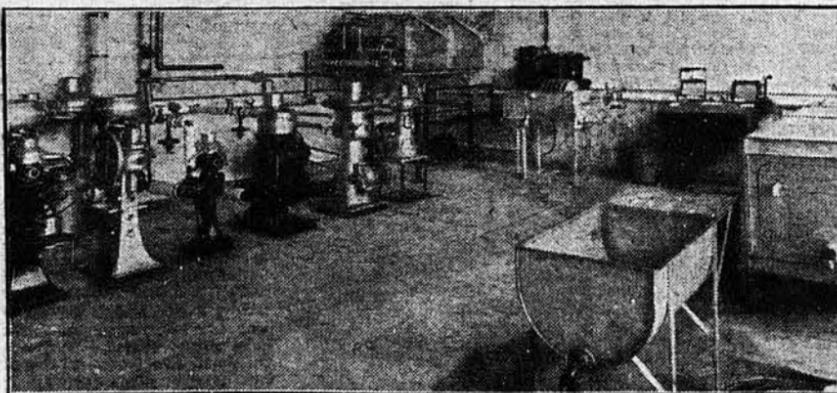
Most of the product of this unique creamery is disposed of in the form of cream to various New York hotels, and the skim milk is utilized in the manufacture of cottage cheese, for which a ready market is found.

Dairying in New York

Just returned from six weeks' visit to the Empire state, where I visited the dairy farmers. They keep all the cows they can pasture. They just raise corn enough to fill their silos, which is the winter feed for cows. They put up timothy hay for three horses, a pair to do farm work and one to deliver the milk to the milk station where it is sold in a wholesale way and there put in quart bottles and shipped to New York for retail trade. The dairymen get only 3 or 4 cents a quart delivered to the railroad station. They feed the cows ground feed every day throughout the year. They have to buy all their feed and yet they are making money. Jersey cows are the prevailing stock used among the dairymen there.

Wheaton, Kan. W. A. Washburn.

We have noticed that books advertised as "very suitable for a gift" are hardly ever worth anything to read.



Interior View of Model Creamery Maintained by the De Laval Company



D-11

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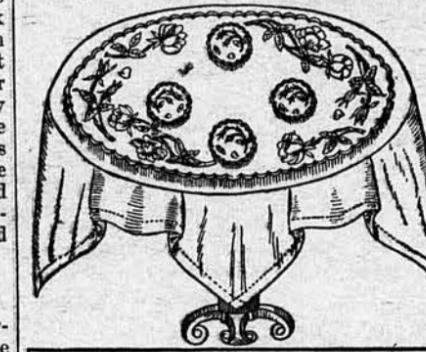
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There are also four doilies of the same design to match. The set is a splendid quality of tan Mexican cloth, tinted in natural colors. We have purchased a limited number of these sets and will distribute them among our readers while they last on an unusually liberal offer.

OUR GREAT OFFER
If you will send us only one subscription to The Household for a period of one year and 25 cents to pay for same and five cents extra to cover cost of handling and mailing —30 cents in all—we will send you one of the 5-piece table sets by return mail free and postpaid. You may send your own subscription, or that of a friend if you wish. Renewals will be accepted on this offer.
THE HOUSEHOLD, Dept. TS-11, Topeka, Kansas

Down to the Last Straw

And Manson Campbell, Who Has Been Manufacturing Things For the Farm For the Past Fifty Years, Has Shown Western Farmers How Profitably to Use Even That.

BY FRED ALDRICH

POVERTY stricken—these farmers of our bully nation?

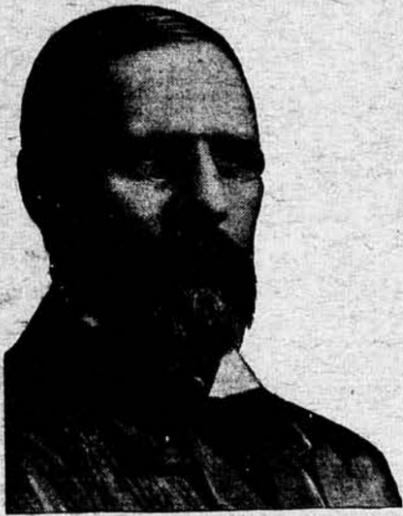
Not on your life—or by a long shot.

But!

They are right down to the point—thanks to the daily lessons of Prof. Highcost of Living—of conserving every resource, even down to the last straw.

Not that they must make more money, but so that their incomes may never grow less.

The Federal Office of Farm Management recently made some mighty interesting investigations into the



Manson Campbell.

affairs of 2731 farms of this plutocratic country and found that only 66 of the owners were making more than \$2,500 a year. They found that half the farmers were actually getting less for their work than the ordinary day laborers in the towns of Kansas are paid.

Happily there are some very conscientious, hard thinking manufacturers in the country who are working hand in hand with the farmers in their task of keeping their bank accounts up to the normal.

Mr. Manson Campbell, who has his factory in Detroit and holds forth with branches in Chatham, Ont., Minneapolis and Kansas City, is one of these manufacturers. You might say he has been making things for the farmers and the farmers' wives for fifty years. And all of this man's efforts have been directed to conservation. Sometimes he has conserved one thing and the next time another. His fireless cooker has probably conserved more religion and ordinary housewife patience, to say nothing of fuel, in the kitchens of the hundreds of thousands of American homes where it is used, than any household article of equal cost ever invented. His fanning mill, or grain-cleaner, which has been installed in so many barns throughout the world that, if they were hauled by in a procession, you couldn't count them in a week, has been a regular god-send to the farmers.

And now—not to mention the

other things—comes Mr. Campbell in a campaign to save and put to the utmost money service even the last straw on the farm.

What is more, both Mr. Campbell and the farmers themselves believe that eventually every man who owns 40 acres of land, or more, will also have in his possession a Simplex Straw Spreader.

Already it is getting to be a mighty old-fashioned trick to burn up a strawstack. One farmer out in western Kansas who had been burning his strawstacks for years, and falling year after year to get a stand of alfalfa on another part of the farm because the wind blew the seed and most of the soil down to South America, discovered a year or so ago that by spreading his straw he could save what land he had left—and now he has a dandy crop of alfalfa.

It is one of the strange features of human existence that a great body of intelligent men like the American farmers will go on for years neglecting a simple money-making opportunity—waiting for some man like Manson Campbell to give them a suggestion and to place in their hands the implement for carrying it out. But it was so, and now Mr. Campbell is flooded with letters of appreciation. One man who bought a straw spreader for himself and influenced the most of his neighbors to do likewise, recently wrote Mr. Campbell that "it is not a question whether a farmer can afford to buy a straw spreader—the fact of the matter is, he can't afford to be without one." And another letter, from Curtis M. Brown, explains how he made hundreds of dollars by spreading straw on his land. "I like the straw spreader fine," he writes. "It is just the making of my farm. I had a piece of sandy ground that had never raised anything. Corn would grow up about two feet high and tassel out, and the neighbors said that it would not sprout black-eyed peas. Last fall, a year ago, I sowed it to wheat and in

the spring I took my straw spreader and covered it with straw and got 16 bushels per acre. Now, I also had a piece of ground I wanted to set to alfalfa. It is very sandy also. I had sowed it to alfalfa three different times in two years—twice in the spring and once in the fall. Each time I had the ground in good shape but failed to get a stand. So last spring I plowed and harrowed it again, then sowed the seed and took my straw spreader and covered it with straw. Then I took the disc and let it run straight; that mashed the straw into the ground. It looked like a stubble field when I got through, but I got a good stand—and last year (1913) was one of the worst years we have had in the history of Kansas. I have put out a patch this spring, and it is a real blow sand. I put it out the same way and it is coming fine. We have had lots of hard wind, but it never blowed a bit. I am going to try mulching a patch of corn this year. After the corn gets about knee high so I can level the ground, I am going to put the straw on. The straw spreader is not only good for one thing, but is good for everything. Lots of people think it is only good for mulching wheat. You cannot get anything better for alfalfa that is just starting. It is a very tender plant and has to be protected in this sandy ground. I can not say enough for the straw spreader. I figure it made me over \$500 last year."

The enthusiasm of Mr. Brown seems to spring up wherever there is a Simplex Straw Spreader. From the wheat belt one farmer, William Knop, of Preston, Kan., writes that he "no longer fears the winds" and "I am convinced that the day of decreasing fertility, so far as my wheat fields are concerned, is gone." Mr. Knop two years ago was just like hundreds of other farmers who did not realize that their old straw stacks could be made to yield an extra \$500 a year from their farms—but when he actually banked that extra \$500 last fall as a direct result of putting those straw stacks to work, he "saw the light" quite distinctly.

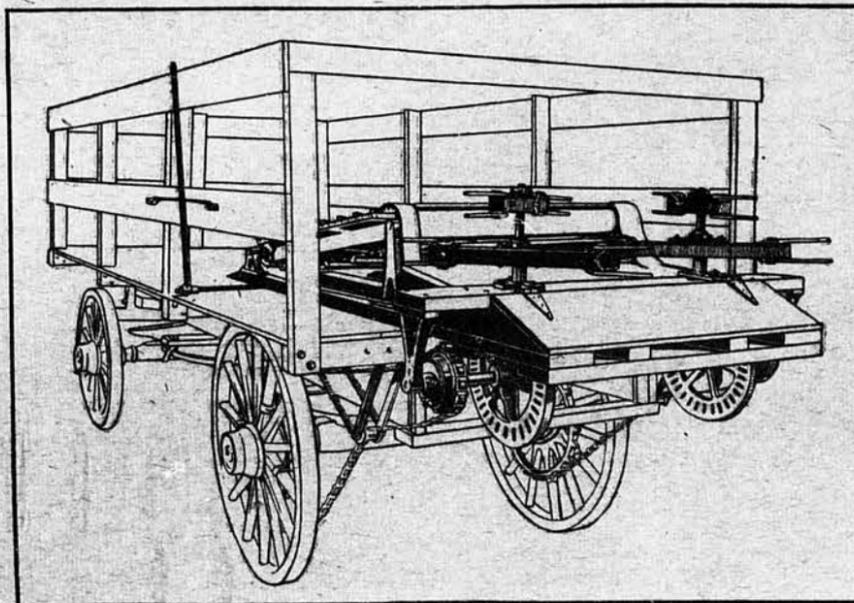
As already stated, the sovereign American farmer is right now up to conserving his resources. And bless your heart he is spending in the aggregate not less than 100 million dollars a year for commercial fertilizers. It perhaps was nothing new to many farmers that straw would

return to the soil those priceless elements taken from it by the production of crops—it doubtless was not new to them that straw, if spread, would build up the supply of humus, conserve the moisture, prevent soil blowing, and naturally add a big margin to their annual production. As a matter of fact, perhaps all the farmers knew this at some time in the history of the world, but the necessity of taking a pitchfork and a back and two hands to spread that straw took all the beautiful glitter out of the proposition, and they promptly forgot it—lost it, something after the fashion that the human animal is supposed to have lost his tail. So it was necessary for a man like Manson Campbell to come forward with a machine—a simple, durable, inexpensive machine that works to perfection under the most exacting conditions—a machine that can be loaded on any header barge or hay frame and filled high with straw, wet or dry, even to old rotten stack bottoms or manure—and that will cover the ground thoroughly and evenly over a space of 10 to 20 feet wide. The beauty about it is that one man and a boy can easily spread 20 acres or more a day. The labor it performs and the time it saves will easily pay for it in these days—for it unquestionably does give more valuable service and is sold at a smaller price than any other piece of farm equipment.

Having provided the machine, it was then necessary for Mr. Campbell to begin a spirited campaign of education to bring these forgetful American farmers back to their prehistoric knowledge of the fertilizing and other money-making properties of good old-fashioned straw, and the thought that they are annually spending a million of cold cash for commercial fertilizer—cold cash that was paid into their pockets for farm products—this thought undoubtedly, unquestionably and unmistakably has had its influence in causing these farmers to at last figure that almost any old strawstack is worth \$100, or just as much as \$100 worth of the commercial soil builder.

The writer happens to personally know that a whole lot of the farmers of Kansas are taking this view of it. He has talked with numbers of them about this straw-spreading business and they are unanimous in their praise of it, while their enthusiasm follows parallel lines until they blend. They have talked straw spreaders on the streets and in the stores and banks and blacksmith shops of the towns of Kansas until the bankers, merchants, blacksmiths and even the curbstone loafers have got the straw spreader bug. You may regard the straw spreader in any light you will—as a means of adding enough income annually to pay for the gasoline and new tires for the automobile; as a simple way to get piano money or college tuition for the daughter of the farm, or as a last resort for keeping the income of the farm up to the requirements of a living—no matter how you look at it, the straw spreader has come to spread and stay.

There is a big demand now for literature on the subject, and from their office at 820 Traders Bldg., 19th and Campbell Streets, Kansas City, Mo., the Manson Campbell people are sending full information to all who ask for it.—Advertisement.



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Now There Is Too Much Rain

Wheat Seedbeds and Newly Sown Alfalfa Fields in Fine Condition—Fall Pastures Good—Other Crop News

"IT NEVER rains in Kansas till the ground gets wet", sang the poet, and so far as the eastern part of the state is concerned, he was right about it. What a corn crop there would have been in Kansas if about half of this rain had come a month or six weeks earlier. Still, this oversupply of moisture now is a fine thing for fall sown alfalfa, wheat ground, and fall pastures, and that is a whole lot to be thankful for.

Sedgwick County—Weather fine for fall work and everyone is busy. Plowing about all done. About the usual amount of wheat will be sown. Silos being filled. Alfalfa hay being shipped to the eastern states and it brings \$10 and \$12 on track. Very few hogs on feed. Wheat \$1.03 and most of the farmers are holding on for a still higher price.—J. R. Kelson, Sept. 7.

Douglas County—More than 6 inches of rain fell recently. Nearly all wheat ground is plowed. Corn cutting in progress. The crop is not as good as expected but is better than last year. The fifth and last cutting of alfalfa will be fine. A lot of alfalfa being sown this fall. About the same acreage of wheat sown as last year. Wheat worth \$1.03 in Lawrence and Eudora.—O. L. Cox, Sept. 8.

Brown County—First good rain this fall fell September 9 when we had 3 to 4 inches of water. Most of the wheat ground is plowed. Acreage will not be as large as last year. Corn crop will be better than expected as the yield will be from 10 to 40 bushels to the acre with a possible average of 25 bushels for the county. Alfalfa crop very light. Wheat \$1 and above; corn, old 80c; oats 40c; hogs \$8.75; cream 23c; eggs 18c.—A. C. Dannenberg, Sept. 10.

KANSAS.

Ottawa County—Need rain badly. Corn cutting finished and many farmers are still plowing for wheat. Plenty of feed being put up for winter use. Wheat 90c; butter fat 27c.—W. S. Wakefield, Sept. 9.

Booke County—Wheat sowing has commenced in this county. Considerable wheat in the stack yet. Not much corn. A great deal of wheat will be fed to horses and fattening hogs.—C. O. Thomas, Sept. 12.

Nemaha County—Recent good rains have put the ground in good condition for fall plowing. Less wheat will be sown this fall than last year. Pastures greening up and promise some fall grazing.—C. W. Ridgway, Sept. 12.

Sheridan County—General rains all over the county and ground is well soaked. Fall seeding well advanced. Threshing delayed on account of the rains. Most of the forage crops in shock. Wheat 96c.—R. E. Patterson, Sept. 9.

Thomas County—Still dry here. Fall seeding in progress and a big crop of wheat will be planted. Plenty of feed and it is about half cut. Stock cattle in good demand at good prices. Wheat 95c; eggs 20c; butter fat 28c.—C. C. Cole, Sept. 12.

Stevens County—Farmers busy gathering broomcorn which is a good crop. Milo ripening very fast. Too dry in this part of the county to get the wheat ground ready.

OKLAHOMA.

Caddo County—Wheat seeding just starting. New corn beginning to go to market. Stock of all kinds bringing high prices but is not so plentiful as usual. Wheat \$1; corn 65c; oats 45c; potatoes \$1.25.—S. A. Gilmore, Sept. 12.

Mays County—Breaking wheat ground and haying are keeping the farmers busy. No wheat sown yet. Pastures good and stock doing well. Some silos being built. Wheat \$1; potatoes \$1; eggs 12c; hay \$6 to \$8.—L. A. Howell, Sept. 12.

Pawnee County—Plenty of rain the last two weeks. Pastures green and stock will do fine on them. Ground fine for plowing. Some cotton ready to pick but it is hardly worth it. Calves \$12.50 to \$25; oats 35c; corn 70c.—V. Funkhouser, Sept. 5.

Grant County—Local rains keep the ground in working condition. Some farmers have sown their wheat and it is up nicely. Not much wheat being marketed even at \$1. Some threshing still undone. Late kafir heading.—A. C. Craighead, Sept. 11.

Kingfisher County—August rains broke the dry spell and helped feed crops. Alfalfa is a small crop. Grass growing again and stock doing well. Corn crop very small and the high price of wheat is hard on hog feeders. Ground in good condition for plowing.—H. A. Reynolds, Sept. 12.

Cleveland County—Dry and hot. Early sown wheat up and needing rain. Late crops of feterita and kafir making a heavy crop. Alfalfa injured by web worms. All stock doing fine. Pastures excellent. Plenty of water in the wells. Wheat \$1.05; oats 40c; hay \$15; eggs 20c.—H. J. Dietrick, Sept. 12.

Pottawatomie County—Eight inches of rain from August 23 to 29. Everything is looking good. Kafir and all such feeds will make good. Alfalfa will make another cutting. No market for cotton. Stock in very good condition. Pastures good. Potatoes \$1.40; new corn 65c; eggs 15c.—L. J. Devore, Sept. 8.

Hughes County—Weather warm and we need rain to help the plowing and for the grass. Quite a lot of cotton coming in but there is no market for it yet. Threshing is almost done. Oats and wheat fine. There will be more wheat planted this year than ever before. Corn 65c; wheat \$1.10; oats 35c; potatoes \$1; apples \$1.—Albin Haskett, Sept. 12.

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The earth worm can't fly nor sing, but he's got grub enough handy to last him till kingdom come. Not many men who are as rich as that.

Under the spoils system, if an official is honest and square the politicians usually "get him" and if he isn't honest the people "get him." Between the two it is sometimes difficult to obtain such a thing as genuine public service. It will take an enforced merit system to bring a change and that's where your vote can help raise the issue. Meanwhile, vote for the best man in every case for township, county and state offices. Elect men of brains and principle who really stand for the best interests of all the people.

Wheat threshing out 20 to 40 bushels to the acre. Wheat \$1.05; corn 90c.—Monroe Traver, Sept. 8.

Harvey County—Weather still warm and dry with occasional showers. Most of the stock doing well except hogs which are dying in a good many localities. Threshing nearly finished. Wheat dropped from \$1 to 95c. Eggs 17c to 18c; butter 25c to 35c.—H. W. Prouty, Sept. 12.

Jefferson County—Flowing for wheat has been delayed on account of the dry weather. Good rains on September 1 and 7 which will put the ground in good condition for plowing. Wheat threshing about finished and is selling for about \$1 a bushel. Oats 40c; eggs 18c.—Z. G. Jones, Sept. 7.

Mitchell County—Weather cooler with a few local showers but no general rains. Silos about filled. Quite a lot of cane and kafir to be cut yet. Wheat sowing will soon begin. Some rye for pasture already sown. Wheat 93c; corn 80c; hogs 88c; butter fat 25c; eggs 21c.—S. C. DePoy, Sept. 12.

Miami County—Plenty of rain. Ground is well soaked. A good acreage of wheat will be sown. Some alfalfa being sown. Threshing nearly finished. Corn spotted, some very good and some poor. Pastures fine and stock doing well. Peaches nearly gone. Apples fair crop.—L. T. Spellman, Sept. 11.

Meade County—Some wheat being sown. Ground getting dry. Wheat about half threshed and is averaging about 18 bushels to the acre. Feterita good. Stock selling well at sales. Some land changing hands. There will be a large acreage of wheat put out. Cream 22c; eggs 18c.—W. A. Harvey, Sept. 10.

Barber County—Farmers preparing ground for wheat and it is a hard job because ground is so dry. Some wheat still in the stack. Feterita crop good. Kafir crop very poor in the dry portions of the county, but it might make a half crop. Wheat \$1.05; oats 55c; cream 25c.—G. H. Reynolds, Sept. 12.

Johnson County—Recent good rains have soaked the soil till it is almost too wet to plow. Plowing is nearly finished. Farmers are now preparing the soil for fall wheat seeding. Considerable fodder is in shock. Pastures making a fine fall growth. Potatoes \$1 to \$1.20; wheat \$1; oats 38c; eggs 20c.—L. E. Douglas, Sept. 12.

Rush County—Farmers very busy sowing wheat and a large acreage will be put in again this fall. A good deal of threshing to be done yet. Most farmers are holding their wheat for higher prices. Pastures and meadows still growing and looking fine. The late heavy rains insure a good start for the new wheat crop.—J. F. Smith, Sept. 12.

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Things Every Farmer Needs

Modern Equipment Saves Time and Money and Strength

By John K. Rodgers

SCOOPING out a big load of corn by hand leaves the worker in poor condition to shuck at full speed the remainder of the day. However, when the wagon dump and portable elevator is installed ready to carry the load of corn into the crib, corn shucking becomes a pleasant task; also the amount of corn shucked during the course of a day increases.

The use of the elevator upon the farm is becoming more general daily. Farmers have discovered that one of these machines will pay for itself by saving time and eliminating labor. The man who is husking corn soon finds that he can add considerably to the total number of bushels shucked each day, after he has the opportunity of unloading the grain with an elevator. Far from being a luxury, the modern dump and elevator is one of the real necessities, which, once used, no farmer would attempt to do without. When grain has been grown, and is ready for storing in the crib or granary, time means money.

The elevator will carry a load of corn or wheat into the crib or granary before a man could get a good start at scooping. The gasoline engine which is kept upon the average modern farm for running the power machinery, will handle the elevator.

The portable elevator and wagon dump heads the list of modern farm equipment because it is so practicable. It makes for convenience and greater profits, also eliminating labor. Upon the average farm much grain must be handled in the course of a year. While the elevator is of immense value when the corn is being shucked and cribbed, its highest measure of service is attained when the rush of corn shelling is on. The services of from two to four men can be dispensed with, and the work of unloading is done quicker and more satisfactorily. When wheat is threshed, then stored in the granary on the farm, the elevator quickly accomplishes the unloading of the threshed grain.

Feed and litter carriers are important items of modern farm equipment. With the approach of cold weather horses and cattle are kept more closely housed, and the labor of feeding the animals and cleaning their quarters becomes greater. Feed and litter carriers are indispensable when time means money to the stockman. Barns should be cleaned thoroughly every morning; without the aid of a carrier the cleaning process must be neglected frequently owing to lack of time. In many instances carrying the manure out by hand is such a wearisome and time-killing task that it is neglected for days at a time. Some men who do not believe in modern equipment allow the manure to pile up until it accumulates in inconvenient piles, then take a day off and "clean out." This class of men is not unusually successful. The progressive stockman must keep the barn clean. Litter carriers facilitate this work. The successful stockman must feed regularly. The feed carrier simplifies the cleaning process. It is important that all the manure which accumulates upon the farm be saved. All quarters where livestock is kept should be cleaned frequently for hygienic reasons. It has been stated time and again that manure deteriorates in fertilizing value when it stands in piles. The best method is to remove it directly from the barn into the spreader, then haul it upon the land. The litter carrier is the connecting link between barn and spreader. Moving the manure from barn to spreader is the hard part of the business if a carrier is not used.

The labor of stock feeding is greatly lessened when the feed is distributed from stall to stall with the aid of a feed carrier. Both litter and feed carriers can be used under seemingly unfavorable conditions. The carrier can be installed so it will take either a right or left curve with ease.

Under present day conditions modern barn equipment is absolutely essential for the operation of a successful dairy business. New barns which are being erected should be provided with feed and litter carriers. Old barns can be fitted up with this equipment; frequent-

ly only a few changes in the arrangement of stalls will have to be made.

For some time steel stalls and stanchions have been regarded highly by progressive dairymen. There is a reason for this. In the first place steel stalls and stanchions are a guarantee that the dairy business can be carried on under sanitary conditions. Litter, feed and milk can carriers go along with steel stalls and stanchions. The combination merits the serious attention of all progressive dairymen. More farmers are going into the dairy business daily. If they start in right they will likely succeed. If they start in wrong they will have a harder row to hoe, with possible failure before them. The first requisite of a successful dairy business is a sanitary, well-equipped barn.

Scales are desirable upon the farm; they are an important part of modern equipment. If a coal dealer went into business without scales he would have a hard time to guess off the loads correctly. The farmer who makes a business of guessing gets into difficulties and makes bad deals frequently. No matter how well informed the farmer is, no matter how many acres he owns and how rich the land may be, no matter how hard he labors, he will be more successful if he has the assistance of reliable scales. The farmer who uses scales intelligently knows what he is doing. When his corn crop is shucked he can weigh every load which comes from the field. He will be in a position to know the exact number of bushels of grain to the acre which his corn is making. If he

Our law books conceal the law from the people in a mass of jargon when they should make it plain for their guidance. Our laws should be so written that anyone who can read may readily understand them. A competent and relentless editor should go over the statute book of every state and reduce to the simplest, clearest, most concise terms, every law in it, rewriting these laws for re-enactment in the language of the people. They should be made so plain that plain people can understand them and smart lawyers cannot misconstrue them. Framed as our laws now are in their obsolete legal jargon they simply promote strife and litigation and make business for courts and lawyers.

is hiring the grain shucked he will neither over nor under pay the man who does the work.

It is a well known fact, advocated by learned college men and other authorities, that livestock of all kinds should be weighed frequently. Then the owner will know if the ration he is feeding is giving profitable results. The greatest use is derived from scales when livestock feeding is being done.

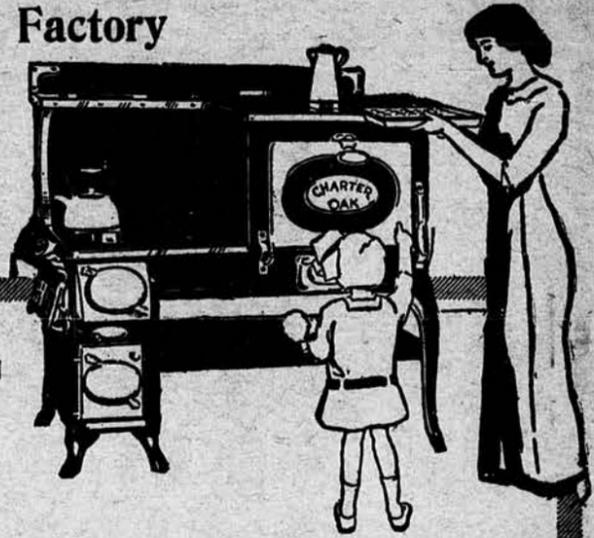
Few farmers would attempt to carry on their business without the aid of scales after they have used them once. The man who owns scales can weigh his horses, sheep, cattle, hogs, etc. This is advisable before marketing them. In the case of animals that are sold by weight weighing before marketing is the only wise plan. This gives the farmer the advantage of the "middle-man."

The business farmer has his farm equipped modernly. Statistics prove that additional landowners are becoming business farmers daily. Facilities for doing various kinds of work quickly and easily are needed upon the business farmer's place. Modern farm equipment is as practical as the plow.

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day than all the manufacturers do in a week—and with the very poorest tools. Charter Oak, High Oven, Wood or Coal Ranges, change all this. She can make better food, do it more quickly, with less fuel and without the back-breaking stoop over a hot stove.

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Fat Steers Reach \$11.00

But That Kind Is Scarce—England Is Buying Horses Here

BY C. W. METSKER
Market Editor

ELEVEN dollars a hundred pounds was paid last week in Chicago for 34 Shorthorn steers weighing 1,546 pounds and 17 Hereford steers weighing 1,546 pounds. Other sales of thick-fleshed steers were reported at \$10.25 to \$10.90. The highest price ever paid on the Chicago market, \$11.25, was in December, 1912, when steers for the Christmas trade were needed.

Only a few bunches of steers that laid claim to finish were offered at other markets, and they brought \$10 to \$10.45. Killers say that in a run of more than 100,000 cattle in Omaha, St. Joseph, Kansas City, and St. Louis, last week, less than 1,000 steers, or 1 per cent, approached anything like finish.

It is fully two months before killers can begin to use prospective winter feeding operations as a forecast for increased supplies, and in that time they have to meet the call of the Christmas trade, the most discriminating in regard to beef of any season of the year.

Grass Beeves Are Needed.

Failing to get the usual quota of corn fat and short fed beeves, killers are seeking the cream of the cattle fattened on grass. That supply is small compared with previous years, because grass is good and cattle are being held for increased weight. The one condition that killers fear will serve to reduce the marketing is that with rough feed plentiful the younger cattle will be held through the winter to another grass season and only the heavy steers be marketed. This supply from the killers' viewpoint will suffer a further reduction in demand from feeders. The prices quoted for grass fat steers are \$7.25 to \$9.25, on native grades, and \$5.25 to \$7.50 in quarantine offerings.

Quarantine Cattle as Stockers.

The recent ruling of the Department of Agriculture which permits cattle from the quarantine area being dipped at point of shipment and then at the market at which they are sold and shipped interstate for stock and feeding purposes increases the supply source of stockers and feeders. At the same time by added competition it increases the value of a large number of cattle, whose only outlet heretofore was to killers. Most of the western stock yards now dip such cattle under government supervision, and the charge made is 15 cents a head. Owing to the scarcity of thin native cattle the stockers and feeders from below the quarantine line are selling well.

Whose Guess is Best?

Kansas, Oklahoma, Nebraska, Missouri, Illinois, Indiana, Kentucky and Ohio were the states into which stock and feeding cattle were shipped last week. These sections seem to have plenty of grass, and east of the Mississippi river there is said to be some old corn. As high as \$8.60 was paid for heavy feeders, \$8.25 for stockers and \$8.75 for stock calves. Some prospective buyers are hesitating because prices for both the cattle and feed are high, while those who have made purchases express confidence in the future prices of cattle. Those who do not get stock of some kind to feed will lose considerable roughage, so the query is, Who is guessing right? There is no indication that thin cattle will sell lower.

Another Raid in Provisions.

It looks very much as though packers are trying to pull another raid on small investors in provisions, similar to the one that occurred early in August. As a result of that prospective move hog prices slumped 35 to 40 cents at river markets last week and prices for provisions were off \$1. At the same time packers accepted foreign orders for cured meats and lard. The middle is evidently being played against both ends, small speculators unable to margin holdings losing out, and packers buying hogs at more suitable rates. If the situation is the same as in August, as many believe, both hog prices and provisions will rebound in the next 10 days. For a time hogs at Missouri river markets sold under \$9, or 80 cents under the high time in August and the lowest since the first week of last month. Quality in the West has been much plainer than at eastern markets.

Will They Feed Wheat?

With country prices for wheat at the dollar-mark a large number of thin hogs were received at markets. Their condition was right for feed and it was the original intention of owners to feed them wheat. But they figured cash for wheat was the best way. One Tarkio, Mo., hog man fed wheat last winter as an experiment. He ground the grain, fed under strict account, figured all details, marketed his hogs at an average price of \$8.55 and found his value of wheat fed to be \$1.35 a bushel. Those who have tried feeding wheat to hogs say it is absolutely necessary to grind the grain if good results are obtained.

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	44,975	25,450	47,600
Chicago	39,000	80,000	123,000
Omaha	22,700	19,300	78,300
St. Louis	32,400	34,300	31,450
St. Joseph	4,850	18,500	11,900
Total	143,825	168,150	282,250
Preceding week	141,900	226,500	308,000
Year ago	195,025	280,600	412,000

The following table shows the receipts

of cattle, hogs and sheep in Kansas City thus far this year and the same period in 1913:

	1914	1913	Inc.	Dec.
Cattle	971,191	1,343,573	.....	372,387
Calves	61,733	92,916	.....	31,183
Hogs	1,348,211	1,758,876	.....	410,665
Sheep	1,265,931	1,318,057	.....	52,126
H. & M.	50,713	54,983	.....	4,250
Cars	61,267	83,804	.....	22,537

England Buying War Horses.

St. Louis and Kansas City last week supplied the British government with 2,400 light weight cavalry horses, and inspectors are still working on a general order of 10,000 head. These horses are going to the war zone in France, and dealers are confident that more than 25,000 horses will be bought in the United States in the next six weeks. Prices for such horses are unevenly higher than two weeks ago, and probably will go still higher. This outlet is freeing this country of many plain horses. There is no demand for mules.

Big Fluctuations in Wheat Prices.

Cash wheat prices turned down about 6 cents last week the result of heavy receipts attracted by country prices touching the dollar mark in the preceding week. Future prices were irregular, but in general there was a wave of selling by those who could realize a profit at recent advances. The general situation in the market has not changed, and high prices are expected to continue. Export demand is on the point of broadening and will be a big factor in the demand later.

With the government estimate making this year's oat crop is 1,116 million bush or 160 million bushels larger than last year, corn prices fell back 3 to 4 cents and were under 78 cents most of the time. Oats declined 3 to 5 cents a bushel. This year's oat crop is 1,116 million bushels, only 6 million bushels less than last year.

Feed and Seed Quotations.

Bran, \$1 a cwt.; shorts, \$1.15@1.25; chop, \$1.45; barley, 63@68c a bu.; rye, 90@91c a bu.
Seed—Timothy, \$4@5.50 a cwt.; alfalfa, \$9@12.50; clover, \$9@12.50; flaxseed, \$1.26@1.32; millet, \$1.20@1.70.

Broomcorn Lower.

New broomcorn is selling at \$60 to \$100 a ton, and old corn in warehouses is held at \$75 to \$120. The effect of the new crop beginning to move is to lower prices. Heavy rains in some localities have damaged corn considerably, but general quality is better than last year.

Butter, Eggs and Poultry.

Elgin Sept. 14.—Butter this week is firm at 30 1/2 cents.
Kansas City, Sept. 14.—Prices this week on produce are:
Eggs—Extras, new white wood cases included, 24 1/2c a dozen; firsts, 22c; seconds, 19c.
Butter—Creamery, extra, 29c a pound; firsts, 26 1/2c; seconds, 24c; packing stock, 20 1/2c.
Live Poultry—Broilers, under 2 pounds, 15c a pound; springs, 13 1/2c; hens, 13 1/2c; old roosters, 9c; turkeys, 16 1/2c; ducks, 11c; young geese, 10c.

Topeka Put on a Fine Fair

(Continued from Page 2)

horses shown. The new feature—the night horse show is primarily responsible for this. Instead of spending hundreds of dollars this year for fireworks, to shoot into the air, this money was used to put on a real horse show—the first to be held in the state. Here were to be seen every night, fancy hitches, and fancy driving and riding. It was in brief, a revival of the good, old art of horsemanship, and judging by the enthusiastic crowds present, and the interest shown, the general public is not yet ready to discard horses for the motor car. City and farm folk alike, still enjoy seeing a high-stepping team hitched to a smart rig, and driven by a person who knows how to hold the reins.

About 60 horses took part in the horse show. Ten or a dozen were Topeka horses, 15 came from Kansas City, entered by Miss Loula Long; 12 were brought from Galesburg, Ill., by O. J. Mooers, 12 came from the stables of E. D. Moore, Columbia, Mo., four from J. C. Graves, Independence, Mo., and four from Ray Fisher, Marshall, Mo. In the regular drafter classes Lee Brothers of Harveyville, Kan., were out as usual with a string of their big, showy Percherons. They had 24 head in all. C. R. Kirk, St. Joseph, Mo., maintained his reputation of former years with six classy fellows; A. H. Jurgens, Valley Falls, Kan., had six; P. G. McCulley, Princeton, Mo., had seven; Bruce Sanders, Holton, Kan., seven; William Branson, Overbrook, Kan., 11; D. F. Mc-

Allister, Topeka, 6; Henry McAfee, Topeka, 4; Lew Jones, Alma, Kan., 2; and John Peck, Tecumseh, Kan., 3. Lew Jones also had a bunch of five fine Belgians on exhibition.

The mules were Kansas products and exhibited by Kansans. M. G. Bigham and Sons of Ozawkie had 5; Lew Jones, Alma, had 1; R. Palmer, Lawrence, 2; William Branson, Overbrook, 2; M. H. Roller and Son, Circleville, 1; and Fred True, Perry, 1.

A herd of 42 Shetland ponies entertained all the youngsters who chanced out near the stock pavilions. These were on exhibition by Mrs. C. S. Foster, Topeka, who had 12 head; Mrs. R. T. Kreipe, Topeka, 15; and Stewart and Welty, Nevada, Ia., 15.

The swine department showed a considerable falling off in numbers as compared with former years. The same is true of the sheep department. In point of numbers the Duroc-Jerseys led all other breeds, but one of the features of the competition was the excellent showing made by the 66 Chester Whites in the pens. This is an exceptionally good showing for the white hogs and they were there in quality as well as numbers. The various herds belonged to C. A. and J. V. Slepicka, Tobias, Neb., who had 23; F. C. Gookin, Russell, Kan., 23; and R. E. Brown, Dunlap, Ia., 22.

Searle and Cottle of Topeka had a great herd of 32 Durocs in the pens that will cut deep into the money. R. Widle and Son, Genoa, Neb., also had some unusually good individuals in their herd of 24 reds. Among the other Duroc breeders were A. J. Hanna, Elmdale, Kan., with a herd of six; W. B. Albertson, Bethany, Neb., 12; E. O. Briggs, Clay Center, Neb., three, and Van Patten and Sons, 12.

The Poland division was a disappointment so far as numbers were concerned. W. E. Willey, Steele City, Neb., had a good herd of 17 black hogs, and Ben Anderson, Lawrence, Kan., showed six which were all the Polands to be found in the pens.

Three herds of high-scoring Berkshires represented that breed. They belonged to J. M. Neilson, Marysville, Kan., who had 20 head; H. E. Conroy, Nortonville, Kan., 10, and W. E. DeLair, Marysville, Kan., five. Two Hampshire breeders were on hand with large and promising herds. Ray E. Fisher, Winside, Neb., had 46 and J. Q. Edwards, Smithville, Mo., 18.

Only three sheep breeders were attracted to the fair—George Allen and Sons of Lexington, Neb., with 130 head representing Shropshires, Hampshires, Cotswolds, Oxfords, and Southdowns, and Sherwood Brothers, Shelbyville, Mo., with 27 Hampshires, and Clarence Lacy, Meriden, Kan., with 21 Shropshires.

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Kansas Has 7,137 Silos

Sixty silos in 1909—7,137 in 1914. This is the record in Kansas. For the first time the state board of agriculture has made, through the tax assessors of the state, a careful enumeration. Here is the highly interesting report just issued by Secretary Mohler:

Assuming that the average capacity of the silos in Kansas is 125 tons each, it would mean that nearly 900,000 tons of forage would be required to fill the total number. This quantity of silage, at 30 pounds a day for each animal, would feed the state's milk cows for 70 days, and it is in communities where dairying is most prominent that the greater number of silos are found, although increasing numbers of beefmakers are finding them valuable adjuncts to their business.

While conditions vary widely in eastern and western Kansas, returns indicate that owners in both parts are of one mind regarding the value and economic importance of the silo. The man with the pit silo, filled, say, with kafir, in western Kansas, is no less satisfied with results than is the farmer with the above-ground kind filled with corn, in eastern Kansas. Silos are reported in greater or less numbers in each of the state's 105 counties, except Morton, Stanton, Haskell and Wichita, four counties on or near the western border. This wide-spread distribution suggests that the husbandmen generally are looking with favor on these feed receptacles as a means to greater prosperity. While the increase in the use of silage is gratifying, there remain many homesteads not graced by this structure that denotes thrift and progressiveness. In fact, there is only one silo to every twenty-four farms in the state.

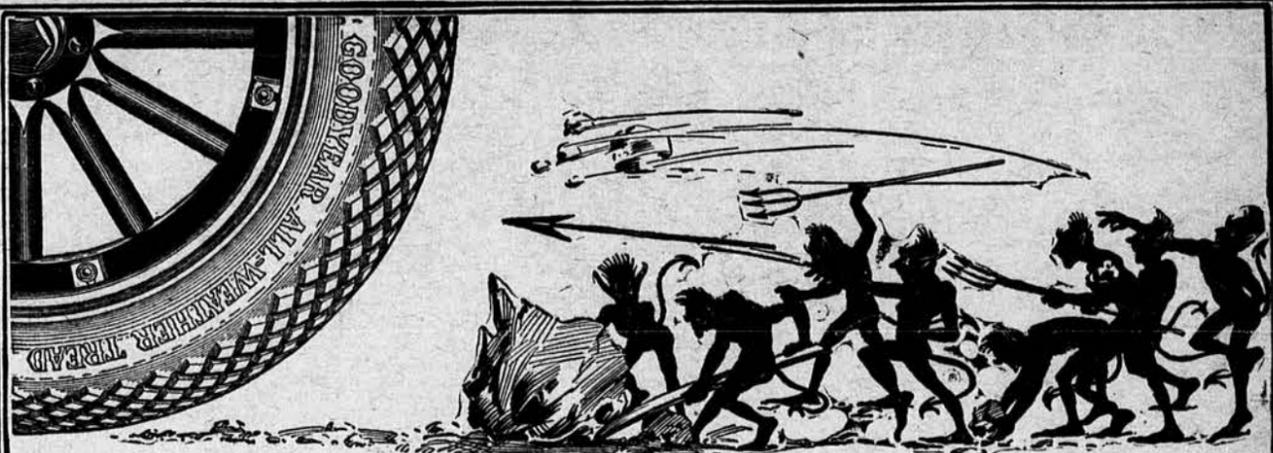
Fifty-eight per cent of the silos in Kansas are in the eastern third. About 85 per cent are in the eastern half, and more than a third of the state's silos are in twelve counties in this part. Of these twelve, however, it is not the largest that has the greatest number of silos. Lyon county leads with 262, Reno second with 259, Sedgwick third with 247, Franklin fourth with 205, Anderson fifth with 201, followed, in order by Butler 197, Wabauunsee 179, Greenwood 177, Osage 174, Dickinson 172, Labette 170, and Jewell 151. It is interesting to note that Franklin county has a silo for every 2.81 square miles of its territory, with Anderson a close competitor for this honor, with one for each 2.87 square miles.

The following table gives the number of silos in Kansas, by counties, as reported by assessors, March 1, 1914:

Allen 100, Anderson 201, Atchison 129, Barber 90, Barton 22, Bourbon 81, Brown 56, Butler 197, Chase 84, Chautauqua 85, Cherokee 51, Cheyenne 9, Clark 12, Clay 52, Cloud 31, Coffey 105, Comanche 7, Cowley 146, Crawford 43, Decatur 41, Dickinson 172, Doniphan 28, Douglas 139, Edwards 14, Elk 113, Ellis 11, Ellsworth 28, Finney 6, Ford 14, Franklin 205, Geary 44, Gove 14, Graham 51, Grant 1, Gray 18, Greeley 2, Greenwood 177, Hamilton 3, Harper 38, Harvey 83, Haskell 0, Hodgeman 18, Jackson 85, Jefferson 93, Jewell 151, Johnson 100, Kearney 8, Kingman 99, Kiowa 7, Labette 170, Lane 4, Leavenworth 135, Lincoln 59, Linn 67, Logan 13, Lyon 262, Marion 109, Marshall 55, McPherson 117, Meade 5, Miami 97, Mitchell 95, Montgomery 78, Morris 88, Morton 0, Nemaha 83, Neosho 86, Ness 7, Norton 90, Osage 174, Osborne 31, Ottawa 79, Pawnee 31, Phillips 77, Pottawatomie 88, Pratt 36, Rawlins 6, Reno 259, Republic 45, Rice 91, Riley 79, Rooks 41, Rush 19, Russell 11, Saline 73, Scott 3, Sedgwick 247, Seward 48, Shawnee 64, Sheridan 25, Sherman 11, Smith 57, Stafford 28, Stanton 0, Stevens 18, Sumner 143, Thomas 19, Trego 10, Wabauunsee 179, Wallace 9, Washington 87, Wichita 0, Wilson 68, Woodson 88, Wyandotte 9.

Any influence that disturbs the quiet or normal condition of the animal, be it rough usage, extremes of temperature, or exposure to rain, will have its effect upon the quality and quantity of the milk.

When cans and utensils have been washed never wipe them out with a cloth. If the water was as hot as it should be they will dry of their own accord. Proper washing destroys all germs. By using a cloth you seed them again with germs.



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320 A. Stevens Co., 3 mi. from Moscow on Santa Fe cutoff; level black wheat land; price \$3,600; would take good auto in part payment. Chas. W. Ellsaesser, Liberal, Kan.

FOR SALE. 320 a. farm, well imp., good water. 80 a. in alfalfa. \$16,000. 160 a. with new impr. 30 a. in alfalfa; \$7,500, easy terms. Guss Schimpff, Burns, Marion Co., Kan.

THREE SNAPS: 155 a. 3 1/2 mi. out, fine imp., \$12,000. 120 a. 4 1/2 mi. out, good imp., \$6,000. 80 a. 2 1/2 mi. out, good imp., \$4,000. Terms. Decker & Booth, Valley Falls, Kan.

240 A.; highly impr. 8 r. house, 2 wells. 90 a. cult., bal. pasture land. 160 a., 6 r. house, barn and sheds; 2 wells; cross fenced. Good fruit. 120 cult., bal. hay land. Terms. J. V. Sauerisig, Lebo, Kansas.

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FOR BARGAINS in improved farms in Catholic settlements. Exchanges made. Write Frank Kratzberg, Jr., Greeley, Kansas.

60 A. Polk Co., all fenced, house, orchard, well; 5 mi. to railroad. \$15.00 a. Terms. King & Coon, Flemington, Mo.

BARGAIN. 160 acres all nice smooth land, well improved; 4 mi. town. 40 a. pasture. Balance in cultivation. Price \$45 per a. Terms. Gile & Bonsall, So. Haven, Sumner Co., Kan.

\$35.00 PER ACRE (\$7,000) CASH will buy this 200 acre stock and dairy farm, located six miles S. W. of Reece, Greenwood Co., Kans. 40 acres valley land under cultivation (would grow splendid alfalfa), balance extra good pasture. Has a good six room house, other buildings only fair, farm all extra well fenced, good well, equipped with mill, and large cement water tank. Legal numbers are—The N. W. 1/4 of S. W. 1/4 Sec. 27-26-8 Greenwood Co. and the S. E. 1/4 of Sec. 28-26-8 Butler Co., Kans. No trades considered. Address W. H. Dayton, Abilene, Kansas.

GOOD, smooth wheat and alfalfa lands at \$15 to \$25 per acre. Write for price list, county map and literature. Floyd & Floyd, Ness City, Kansas.

WELL IMPROVED 320 a. Mile of town Ness Co.; growing crops, 11 cattle, horses, imp.; possession at once. \$7,500.00; terms. R. C. Buxton, Utica, Kansas.

BARGAINS! 155 a. 3 1/2 mi. out, well imp. \$12,000. 100 a. 2 mi. out, imp., \$85 a. 194 a. 4 mi. out, imp., \$8,000. 80 a. 4 mi. out, new, imp., \$80 a. Compton & Boyer, Valley Falls, Kan.

ATTENTION! Farmer and stockman. Polk Co. is the best county in S. W. Missouri for farming or stock raising. Good smooth land, fine water, mild winters. Polk Co. Land Inv. Co., Bolivar, Mo.

80 ACRES ONLY \$600. 80 a. 9 mi. Wichita; good loam soil, plenty bldgs; mile small town; only \$4600; terms \$600 cash, bal. \$500 yearly. Big bargain. R. M. MILLS, 1003 Schwelzer Bldg., Wichita, Kansas.

BUY WHEAT LANDS: We have large list of lands in the great Kansas wheat belt, at prices ranging from \$1,000 to \$12,000 per quarter. One crop pays for land, in many cases. Write The Howard Land & Loan Co., Pratt, Kan.

FOR SALE ONLY. 160 a. alfalfa farm Arkansas river valley; every foot alfalfa land. 60 a. in alfalfa. Well improved; well located between Andale and Mt. Hope. Worth \$24,000. Will sell \$19,200. C. F. Fouquet Inv. Co., Andale, Kansas.

368 A. combination stock and grain farm. 175 a. alfalfa land, bal. good upland, well improved; close town. Price \$50 a. 160 a. creek bottom alfalfa land; never failing water, good timber, improvements poor, close town. Snap \$45 per a. I. N. Wells & Son, Emporia, Kansas.

PLAINS is located in the heart of the Kansas wheat belt. Real estate values are advancing. Don't delay writing for literature and price list of the choice lots now for sale on easy terms. JOHN W. BAUGHMAN, PLAINS, KANSAS

NESS COUNTY LAND. \$12 to \$30 buys good wheat and alfalfa land in a county that produced 136,000 acres of splendid wheat. For Trade: Imp. choice sec., 1/2 bottom, near Ness City. Want Eastern land or income property. Price \$22,400, enc. \$8,000. C. F. Edwards, Ness City, Kan.

FOR SALE—320 a. alfalfa land, 12 mi. W. Jetmore, on Buckner creek bottom, shallow to water, 7 to 10 ft. \$10 a., half cash, 30 days' option. 640 a. improved farm, 11 mi. S. W. Jetmore, all level, near school. \$15 a. \$3,000 down. Write for particulars. Kenyon Land and Inv. Co., Jetmore, Kan.

LABETTE AND CHEROKEE COUNTIES. Bargains in fine improved farms. A few special bargains on selected farms. Can show you farms that produced this year 30 bu. of wheat, 60 bushels of oats and 50 bushels of corn per acre. Three cuttings of alfalfa. These farms have good water, good buildings and near market. Can sell you these farms at from \$35 to \$50 per acre on terms. Write me for particulars. Remember our location. Southeast Kansas, best climate on earth. C. R. Walters & Co., Oswego, Kan.

FOR SALE: 320 acres of slightly rolling upland with part of it low enough that it will raise alfalfa, 4 room frame house, nice little barn for 8 head of horses, granary for 1,000 bushels of grain, splendid well of soft water. 290 acres in cultivation, balance meadow and pasture. 190 acres rented for wheat, 1/4 to purchaser, 190 acres for spring crops. This farm is so situated that grain and feed crops always command a good price from ranch owners in the Brookville district. A bargain at \$45.00 an acre. Write for list of 100 Central Kansas farms for sale. V. E. Niquette, Salina, Kansas.

AUCTION SALE FARM LANDS, LINN COUNTY, KANSAS, SEPT. 22, BEGINNING 1 P. M. 1300 acres choice East Kansas Farm Land to be sold at public auction. All good farm land and within 1/4 to 3 1/2 miles of Parker, Kansas, a thriving town of 500 people, 62 miles southwest of Kansas City. Prosperous farm homes on all sides. Church and school near. Land belongs to non-resident living in New York who has determined to sell as he cannot personally look after it. Will be sold in forty acre tracts and upward. Terms will carry 40% to 50% of purchase price back on the land at 6% balance cash within thirty days. For full information write Col. S. L. Jackson, Auctioneer, or G. C. McConnell, Cashier Parker State Bank, Parker, Kan.

EASTERN KANSAS FARMS 320 a. 1/4 mi. Amlot, Anderson Co., 300 a. good alfalfa land, deep, black sandy loam; abundance of water. Can't be beat for stock or grain farm. \$65.00 per acre. 100 a. adjoining Garnett, Anderson Co.; excellent alfalfa land. Fine improvements. An ideal home. \$125 per a. Long time at low rate of interest on either of these. Moses T. Banta, Owner, Shenandoah, Iowa.

Montgomery County Bargain \$45 per acre buys imp. 240; 200 a. in cultivation, bal. pasture; all good, strong land well located; get details. Foster Bros., Independence, Kan.

For Sale A ranch in southwest Kansas, will sell cheap and on terms like rent. H. C. WHALEN, 213-14 Bitting Block, Wichita, Kansas.

KAFIR KORN KARNIVAL Eldorado, Butler county, October 1-2-3. 100,000 acres, five million bushels. For list fine alfalfa, grain and stock farms and ranches address V. A. Osburn, Eldorado, Kansas.

FINE GRAIN FARM FOR SALE 200 acres smooth land, 5 miles from town; Anderson Co., Kan. Well improved, fine crops on farm; good neighborhood, hundreds of head of cattle have been fed on this farm. Is offered at a bargain; no trades. J. F. Reggel, Owner, Colony, Kansas.

Kiowa County Land bargains. Write for descriptions. Several of my own farms; can make terms to suit. C. W. Phillips, Greensburg, Kan.

ANDERSON CO., KANSAS 480 acres located midway between Welda and Colony, on main line Santa Fe; all level land, black top, rich clay subsoil, 240 a. blue stem and blue grass meadow, fine mow land. 240 a. in cultivation; improvements good, finely located. Well watered. Price \$50 per a. Moses T. Banta, Owner, Shenandoah, Ia.

NEAR WASHBURN COLLEGE 20 or 40 acres, splendid land, right up against the city of Topeka, within a mile of Washburn college, also fine graded school. Every foot beautiful land. All in cultivation; nearly all in alfalfa and timothy. No buildings; will give terms on part if desired. Write owner, Ira Romig, Sta. B, Topeka, Kansas.

FOR SALE ONLY 320 acres, 3 miles of town; 220 in cult. 65 a. in alfalfa, 100 in pasture, one-half nice smooth land, bal. rolling, good soil and fine improvements. \$60 per a. Will carry \$11,000 on farm at 6%. Other good farms for sale. Write me your wants and I will find what you want. A. W. Matthews, Washington, Kan.

Sedgwick Co. Farm Bargains 80 acre farm, good house, barn, silo. 25 a. alfalfa; only 6 miles from Wichita, \$5,500. Terms on \$2,750. 720 a. wheat farm, level, best of land. 450 a. sowed to wheat this fall. \$28 per a. 40 a. tract; best of land. Can be irrigated; at Wichita, only \$100 per a. 160 a. farm; large house, barn. Farm complete. 30 a. in alfalfa. \$75 per a. Take smaller farm. H. E. Osburn, 227 E. Douglas, Wichita, Kan.

BUY LAND 75 acres alfalfa bottom land all in wheat, one mile from Ottawa, town of 10,000 inhabitants, 6 room house, barn. 160 acres smooth tillable land, 30 clover, 15 blue grass, remainder corn, barn 54x60, 5 room house, corn crib for 4000 bu. corn, 2 wells. Price \$10,000.00. Terms if wanted. Owners of the above farms are going to sell. Come at once.

Mansfield Land Company 204 S. Main St., Ottawa, Kansas.

For Sale 80 acres of the best bottom land in Kansas. This land is all in cultivation but unimproved. The land lies due south of Salina on the Ninth Street road, only 2 miles from the Wesleyan University. We could sell either the north or south 80 and might get the owner's consent to sell the whole quarter. This farm has not changed hands in 45 years and no other land in that locality is for sale at any price. Notwithstanding these facts we are in position to offer it at \$50.00 per acre margin. Here is an opportunity to own the best farm in Kansas. The R. P. Cravens Agency Salina, Kansas.

NEW MEXICO NEW MEXICO: Pecos Valley; Carlsbad project. 40 a. government irrigated farm. Exceptional terms. Write owner. R. D. Fuller, Carlsbad, N. M.

FOR SALE:—160 acres choice valley alfalfa and fruit land 1 1/4 miles from Artesia, New Mexico. Well improved. 60 acres alfalfa, 15 bearing orchard. Price \$18,000.00. Actually worth \$24,000.00. Debts force sale. Dan Sullivan, Effingham, Kansas.

MISSOURI

FOR FARM LANDS in Barry Co., Mo., write J. Y. Drake, Exeter, Mo.

WRITE Bedell & Co., Springfield, Mo., for prices on grain, stock and dairy farms.

WRITE O. J. Tapp for farm lists Johnson county. Exchanges made. Warrensburg, Mo.

CHOICE Vernon Co. prairie farms. Easy terms. \$20-\$60 a. W. H. Hunt, Schell City, Mo.

GREAT BARGAINS South Missouri. Easy terms, small payments. Write for booklet and lists. J. A. Wheeler, Mtn. Grove, Mo.

IF YOU want a farm in Cass or Jackson counties, I have what you want. Write me. A. R. Wherritt, Pleasant Hill, Mo.

MANY FARMS FOR SALE, 40 to 100 miles of Kansas City; real bargains. G. W. Dupue, Drexel, Mo.

FARMS FOR SALE. Eastern Kans. Western Mo. 30 miles south K. C. Write for lists. L. W. Kircher, Cleveland, Mo.

5 FARMS to exchange for merchandise. One or all of them. J. W. Key, Mountain Grove, Mo.

BIG bargain: 120 a. improved, \$1,000; other bargains. For complete list, terms and full des. write W. D. Blankenship, Buffalo, Mo.

\$5.00 DOWN, \$5.00 monthly, buys 40 acres grain, fruit, poultry land, near town; healthy location, excellent bargain. Price \$220. Box 425-G, Carthage, Mo.

90 A. highly improved; 2 miles from good S. W. Missouri town; will make 45 bu. corn per a.; will grow alfalfa; \$56 per a. \$2,500 handles. Ben F. Browning, 619 E. Walnut St., Springfield, Mo.

ATTENTION, FARMERS. If you want a home in a mild, healthy climate with pure water and productive soil and where land can be bought at a reasonable price write Frank M. Hammel, Marshfield, Mo.

FOR SALE. Improved 237 acres, joins town; 40 miles S. E. of Kansas City. Good smooth land, \$2000 payment, term of years on bal. Price \$70 per acre. No trade. This is a bargain. Tannehill Bros., Garden City, Mo.

OZARKS. 155 acre Elk river bottom farm 6 miles from railway; about 90 acres first bottom; big new barn, old-fashioned two story good dwelling; fine water supply; a dandy little stock proposition; \$35.00 per acre; terms. Can add up to 280 acre range land immediately adjoining this at \$35.00 an acre; terms. W. J. Chambliss, Anderson, Mo.

WRITE for booklet and lists on Ozarks. We have best dairy, poultry, and fruit country there is in the U. S. Pure water, short feeding months, grow all kinds of grasses. Have State Fruit and Poultry farms and large creamery located here. J. A. Wheeler, Mountain Grove, Mo.

OZARKS. 35 acres 1/4 mile from Anderson; valley land; beautiful Indian creek forms south boundary, crystal clear bass stream; 6 room frame dwelling, good condition, fine well, two springs, concrete cellar; about 70 fruit trees; in Anderson high school district. Bargain at \$3,500, will carry one-half. W. J. Chambliss, Anderson, Mo.

WHITE RIVER stock and fruit farm comprising 360 acres, Washington county, northwest Arkansas, on White river, five miles southeast of Springdale on Frisco railroad, 50 acres bearing apples, 50 acres alfalfa and clover, 50 acres orchard grass and clover meadow, 120 acres corn, oats, etc., balance woods and tame pasture, all fenced into sixteen fields. Two good sets improvements, including largest barn in county, 8 springs, four wells, one mile to good inland town, phone and rural free delivery, good roads, progressive people, high quality land, altitude 1400 feet, good winter climate. Will sell farm, or subdivide same, at \$50.00 an acre. Liberal terms, but no trade. W. R. Draper, Owner, 816 Reserve Bank Bldg., Kansas City, Mo.

ATCHISON CO., MISSOURI 80 acres, located 1 1/4 miles of Langdon on main line of the Burlington; deep black, sandy loam, rich and productive; no waste land; no overflow land; in a high state of cultivation, well fenced. 5 room house; well watered; large alfalfa meadow. Farm will rent to reliable parties \$7.00 per a. Price \$100.00 per a. Moses T. Banta, Shenandoah, Ia.

NOTICE A. J. Johnston, the owner of the big Springfield 8000 acre Ranch near Springfield, Missouri, will put on the market the last of this month 680 head of three and four year old steers. This is said to be the finest bunch of steers in that part of the state. These cattle can be seen on Mr. Johnston's 8000 acre ranch near Springfield, Mo. Address A. J. JOHNSTON, Woodruff Bldg., Springfield, Mo.

Fortune Offer 1,092 acres finest bottom, sandy loam, cut-over timber land in one tract on one side of a river. Part subject to overflow by back water in spring; all for cultivation. Back water easy stopped. Offer to deaden all, fence all with woven wire, sow all in grasses and clovers. Price in such shape \$16.50 per a. In three years all can be cleared for \$4 or \$5 per a. The land will raise 2 or 3 tons timothy or clovers; 50 to 80 bushels corn per a. 6,000 acres in cultivation joining the land; all brings \$6 to \$10 cash rent per a. No ranch in U. S. to compare with. No trade; cash deal; title perfect. F. Gram, Naylor, Mo.

OKLAHOMA

WE SELL THE EARTH that produces alfalfa and corn. W. E. Wilson Realty, Walters, Ok.

SPECIAL Oklahoma bargain list free. Some trades. Write Harvey Cox, Hooker, Okla.

140 A. 8 mi. McAlester. A-1 bottom and second bottom land. No overflow; 100 a. in cult. Fair imp. \$28 per acre. Terms. Southern Realty Co., McAlester, Okla.

INVESTORS! Am desirous of selling my several farms near Chickasha (Grady Co., Central Okla.) aggregating 2500 acres in tracts of 40 to 200 a. Will give some man a real bargain; \$15,000 cash will handle deal, balance easy. C. T. Erwin, Chickasha, Oklahoma.

OKLAHOMA LAND FOR SALE

Good land in Northeastern Oklahoma, which was part of the old Indian Territory, price from \$20 to \$35 per acre. Write for price list and literature. Agents wanted. W. C. Wood, Nowata, Okla.

For Sale by Owner

Beautiful valley farm, between 400 and 500 acres, very rich land, no overflow. New, modern improvements. Will divide into two farms, if desired. 25% cash, liberal terms on balance. Location three miles east of Vinita, Oklahoma. W. M. Mercer, Aurora, Illinois.

WISCONSIN

160 A. IMPROVED, \$3200. \$1000 cash. Frazer & Maxson, Owners, Sparta, Wis.

30,000 ACRES cut-over lands; good soil; plenty rain; prices right and easy terms to settlers. Write us. Brown Brothers Lumber Co., Rhinelander, Wis.

OFFICIAL PUBLICATIONS concerning the soils, climate and crops of Wisconsin may be had free by writing Wisconsin State Board of Immigration, Capitol 333, Madison, Wis.

Upper Wisconsin Lands

Wanted! Farmer Agent in every county to sell our Chippewa Valley land. The heart of the clover region. Liberal commissions. J. L. Gates Land Co., Milwaukee, Wis.

Settlers Wanted For

our drained, level farm lands, Southern Wisconsin. \$35 to \$45 per acre. Easy terms. Great for corn, alfalfa, clover, timothy and dairying. Droughts unknown; no hills, rocks, alkali, hardpan or stumpage. Trades considered. Sample of soil sent free. Near railroads. Agents wanted. Write owner, Charles E. Cline, 218 Masonic Temple, Davenport, Ia.

Secure a Home in UPPER WISCONSIN

Best Dairy and General crop state in the Union. Settlers wanted. Lands for sale at low prices on easy terms. Ask for booklet 30 on Wisconsin Central Land Grant. State acres wanted. Write about our grazing lands. If interested in fruit lands ask for booklet on apple orchards in Wisconsin. Address Land Dept., Soo Line Ry., Minneapolis, Minn.

MINNESOTA

SETTLERS WANTED for clover lands in central Minnesota. Corn successfully raised. Write Asher Murray, Wadena, Minn.

CORN AND CLOVER FARMS near Twin City markets. No drought. Ask for descriptions. \$25 to \$75 per acre. Carter Land Co., Near Union Depot, St. Paul, Minn.

WANTED—Farmer in every locality to handle our West Central Minnesota farm lands. Liberal commissions. Write for proposition. King Land & Loan Co., Breckenridge, Minn.

MINNESOTA IMPROVED FARMS for sale; corn, clover, and dairy farms; good markets, schools and roads. Write for list. Crescent Land Co., Owatonna, Minn.

RICH farm lands in Minnesota Red River Valley. Where corn, alfalfa, and clover flourish. Ideal stock country. Rainfall 28 inches. Crop failures unknown. Prices very low. Write N. S. Davies, Crookston, Minn.

CORN AND CLOVER—grow well in Minnesota. Good soil, plenty of rainfall, pure water, delightful climate, make Minnesota a state worth while. Maps and literature sent FREE. Write Fred D. Sherman, State Immigration Commissioner, Room 50, State Capitol, St. Paul, Minn.

DAIRY FARM 200 OR 400 ACRES. One of the most complete in Minnesota; modern in every particular; high grade dairy cows; horses; and pigs; plenty of feed, up-to-date machinery of all kinds; lovely home place; lake frontage and groves; one and one-half miles from excellent town; selling owing to ill health and old age. For fullest particulars apply to Lock Box 192, Jekster, N. D.

NORTH DAKOTA

BEST DEAL ON BEST SOIL in rain belt. Wadsworth, Langdon, N. D.

RICH, BLACK, Red River Valley farms at local prices. We grow corn, clover and alfalfa successfully. Write for Blue Book. Wm. McRoberts, Casselton, N. D.

NORTH DAKOTA LANDS

Direct to Purchaser. Crop conditions in North Dakota were never finer than now and land prices are going up. To obtain settlers along our 1200 miles of track here we have obtained listings of several hundred thousand acres of choice lands, ready to farm, and will sell these at cost. Prices will never be so low again. Roads, schools, churches, railroads all established. Very low excursion rates Mondays and Tuesdays. Come and see lands yourself or write for full particulars. J. S. Murphy, Immigration Agent, Soo Line Railway, Minneapolis, Minn.

ARKANSAS

LITTLE RIVER valley lands rich and cheap. On railroad. Robt. Sessions, Winthrop, Ark.

IMPR. 80 a. \$240 cash. Terms. Spring; orchard; close in. Leslie Land Co., Leslie, Ark.

DOWELL LAND COMPANY will furnish you lists of farm, timber and rice lands at lowest prices. Walnut Ridge, Arkansas.

FOR DES. LIT., city props, Ark., and Okla. farm, fruit, timber, grazing lands, write Moss-Ballou & Hurlock, Siloam Sprgs., Ark.

IF YOU WANT a stock or fruit farm of any size in the land of cold springs, fine streams, the home of the apple, come to or write to Howard & Smith, Hiwassee, Benton Co., Ark.

FINE farm land; sure crops, corn, oats, cotton, clover, alfalfa. No rocks nor swamps. Easy payments. Discount for cash. Free map. Tom Blodgett Land Co., Little Rock, Ark.

17,000 ACRES, no rocks, hills or swamps. Any size farms. Grant Co., \$150 per a. down bal. 20 years at 6%. Grant County Land Co., Opposite Union Depot, Little Rock, Ark.

BEAUTIFUL 80 A. FARM HOME. 1 mi. railroad town of 1,000 people; fine water; good orchard; dwelling house and barn. 40 a. cult. \$1,000. Stephens, Cazort & Neal, Morrilton, Ark.

ARKANSAS

TWO FINE FARMS for sale; 640 acres, 500 acres. If interested write at once. Burks & Patton, Monticello, Ark.

WRITE for land list and tell us just what you want to buy or trade. Horton & Company, Hope, Arkansas.

FRUIT, grain and stock farms, all sizes, in Benton Co., Ark. Banner county of state; low prices and easy terms. Gentry Realty Co., Gentry, Benton Co., Ark.

FOR SALE. 277 acres fine land, located six miles from Stuttgart; all in cultivation and pasture; good house, barn, rice plant and other outbuildings. Fine crops of corn, oats, rice and peas. This is a fine rice and general farm and a bargain at \$65 per a. Terms can be arranged. Write for booklet and list of bargains. Arkansas Investment Co., Stuttgart, Ark.

FOR SALE

917 a. farm; best improved in Baxter Co. Barn 50x150, scales, extra good 9 room house, 300 acres in cultivation. All farming tools and threshing outfit. All for \$16,000. 160 acres 3/4 mi. to Haney, 60 a. in cultivation; good spring. Price \$1,600. 33 room hotel and furniture on a fine corner in Cotter. Will trade this for a farm in Kansas. Write for full description and price. A. T. Garth, Cotter, Ark.

FOR SALE OR EXCHANGE

WILL SELL OR TRADE you "That farm you want." James Harrison, Butler, Mo.

BARGAINS in Lyon County. Trade anywhere. S. M. Bell, Americus, Kansas.

CASS CO. FARMS for sale or exchange. W. J. Dunham, Creighton, Mo.

EXC. BOOK. 1,000 farms, etc. Everywhere. Honest trades. Graham Bros., Eldorado, Ks.

10 ROOM modern home Kansas City, Mo.; want land or mdse. Drug stock \$4,000, want land. 200 a. Washington Co., Ark., improved land, want mdse. or wheat land. Richmond Land & Loan Company, Richmond, Kan.

FOR EXCHANGE for western land, 2 brick store buildings in county seat in Eastern Kansas. They are full 2 stories high and 25x80 feet each. Price \$7,000; mtg. \$2,200. Glen S. Riley, Waverly, Kansas.

BUY A WHEAT FARM. It is cheaper than rent. Several farms in Edwards Co. for sale. Small payment down, balance just like rent. Long time. Franklin Co. farm to trade for western land. Hotel for land. What have you? Mrs. L. K. Briggs, Kinsley, Kansas.

EASTERN LAND FOR WESTERN. 240 acres, well improved, about 75 mi. southwest of Topeka. Price \$18,000, mtg. \$5,500. Want good land, in Kansas, not too far west for equity. What have you? Might assume some. Frank W. Thompson, Beloit, Kan., Agt.

BARGAINS in Cass and Johnson counties, Missouri, 346, 280, 222 acres well improved, fifty miles from Kansas City. Want merchandise worth \$18,000.00. Exceptional cash bargains on well improved farms in three miles of town. John N. Shomaker, Garden City, Mo.

TRY BIGHAM & OCHILTREE, they sell and trade farms and property. 802 Corby-Forsce Bldg., St. Joe, Mo.

FIGLEY & DILLEY will sell or exchange farms; small farms, ranches, alfalfa lands. Write for prices or come and see us. Council Grove, Kansas.

5 ACRE CHICKEN RANCH with new buildings and rental property in German Catholic neighborhood to trade for farm. Inquire Theo. Voeste, Ope, Kansas.

HOWELL COUNTY land for sale or trade. J. R. Bright, West Plains, Mo.

Buy or Trade with us—Exchange book free. Bersie Agency, Eldorado, Ks.

To Trade for Land.

Business property in Topeka; elevator, steam heat, electric lights; close to post-office and court house. Price \$40,000. Address GEO. M. NOBLE & CO., 435 Kansas Ave. Topeka, Kansas.

1914 BARGAINS

Choice farms just listed in northwest Missouri, Iowa, Nebraska, for sale or exchange. Advise me your wants and what you have with full description. M. E. Noble & Son, 507 Corby-Forsce Bldg., St. Joseph, Missouri.

For Sale or Exchange

Fine stock or dairy farm. 200 acres, on creek, close to school and town. Extra well improved. 100 a. tillable, bal. pasture. Want clear 80 or 120 for \$6,000 equity, also registered Hackney stallion and Mammoth jack would include. Lock Box 24, Elk Falls, Kansas.

For Exchange

Eastern Kansas land for clear western land. H. C. WHALEN, 413-14 Bitting Bldg., Wichita, Kansas.

Want a Larger Farm?

We've got 'em listed from E. Kansas counties—160 to 480 a. Want less land, take diff. or carry on land. Get a larger farm now before values raise for they're going to—can't help it. Iola Land Co., Iola, Kan.

GOOD TRADES

Section for ranch in the Panhandle. Section for smaller farm. 240 for eighty. 180 for hardware. \$8,000 merchandise for land. Topeka residence for land. Describe what you have. A. W. Matthews, Washington, Kan.

BUY AN OZARK STOCK FARM



Many Ozark farmers are making money raising hogs. The fine open winters make it unnecessary to provide expensive quarters and the porkers can range nearly the entire year. There is little disease in the Ozark region. A few good brood sows will soon pay for an Ozark farm. Although it was a dry year one Ozark dairyman reports a profit of \$100 a cow in 1913 from each one of his 18 cows. Holsteins, Ayrshires and Jerseys are making the Ozarks one of the greatest dairy countries in the United States. It would be impossible to find a better country for poultry raising than the Ozarks. A large portion of the poultry products that make Missouri the greatest poultry state come from the Ozarks.

83 A. close town; spring, house, barn; 20 a. cult. \$650. Other bargains. McQuary, Seligman, Mo.

FREE: "Homesteaders' Review," best land journal published. Many big bargains. West Plains Real Estate Co., West Plains, Howell County, Missouri.

OZARK FARM BARGAINS. Write or see the Southwestern Land & Immigration Co., Springfield, Mo. Exchanges made.

BEST bargains in Missouri. 333 a. 2 mi. town. Two sets imp 180 a. bottom, price \$30 per a. Missouri Land Co., Humansville, Mo.

25,000 A. timber land, imp. farms, Douglas and Ozark Cos. Best bargains on earth. Homesteaders Real Estate Co., Ava, Mo.

GOOD TIME to get into Stone county, Mo. Big crops; feed and land cheap. Climate the best. J. Felix Norman, Galena, 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.

FRUIT and timber, clover and bluegrass land. \$10 to \$25. Write for lists. South Missouri Land Co., Mountain View, Mo.

IF YOU WANT farms or stock ranches in the Ozarks of Missouri, write A. J. Johnston, Mchats. Nat'l Bank Bldg., Springfield, Mo.

WHITE RIVER CLUB sites on lake. Farms, ranches, city property; mineral, fruit, poultry land. White River Realty, Branson, Mo.

IF YOU WANT a grain or stock farm on Current River, write Garry H. Yount, Van Buren, Mo.

C. L. WILLIS will furnish you free lists of farms and timber lands. Write him at Willow Springs, Missouri.

480 A. STOCK RANCH, Estanchia Valley, N. M. Valley land, well imp. \$9,600. Near R. R. Want income. F. M. & C. G. Morgan, Springfield, Mo.

240 A. two miles of Lebanon; level land, good soil, well improved, 8 acres orchard, plenty of water; price \$55.00 per acre. Stillwell Land Co., Magnetic City, Lebanon, Mo.

COLORADO

FOR SALE. Deeded land, desert and homestead entries, near R. R. station. \$10 per a. Wm. Tew, Sterling, Colo.

WHY PAY RENT? Why pay interest on high priced land? Come and see what I have here for you. Fine land, climate, water and good crops. Write me. Frank Vanderhoof, Otis, Colo.

IRRIGATED COLORADO LAND

40 acres 9 1/2 miles north of La Junta; 23 acres in alfalfa or about so. 17 a. in sugar beets; a two roomed house, cave, cistern, stock well, hen house and stable. Good water, right, all under irrigation and cultivation. Mortgage \$1800. Price \$3800. Cash. Must sell at once. Address S. W. Burkholder, Box 146, Kalona, Ia.

BIG CROPS IN COLORADO

Last chance to buy land at present prices. Winter wheat promises to make 40 bushels per acre on dry lands. We own 13,000 choice acres, Weld county, near Carr. Denver only 85 miles; Greeley 30; near mountains. Fine climate, beautiful scenery. Your choice of land at \$15 to \$20 acre. Easy terms. Smith Estate lands being closed out. Don't miss this. Write at once for plat and particulars. ELWOOD LAND COMPANY, 749 McKnight Bldg., Minneapolis, Minn.

Eastern Colorado Land Offered By Owner At Great Sacrifice

12 sections in cultivation, each fenced separately, good corn, alfalfa and wheat land. Worth intrinsically \$50 per acre for farming and stock raising. Will sell as a whole or in section tracts at \$25 per acre. Liberal terms to responsible parties. Opportunity for wealthy farmer and business man to organize syndicate and take over as a whole. Address owner. WARREN W. HURD, 310 Commerce Bldg., St. Paul, Minn.

MONTANA

320 ACRE HOMESTEADS. We can locate you on 320 acres. All plow land; rich soil, good water. R. F. D. routes, free coal and timber. Write DAVIES REAL ESTATE CO., Montana, Billings.

MONTANA AGRICULTURAL LANDS. Winter wheat, corn, fruit and alfalfa lands, in the Billings District (best climate in the world) at prices from \$7.00 to \$25.00 per acre, easy terms. Write for literature. Central Montana Inv. Co., Billings, Mont.

TEXAS

100 ACRES highly improved; a \$3500 residence 100 yards from railroad station; owner a widow and wishes to leave state. This is a fine place and a bargain; price \$4500. Mrs. A. E. Hawcroft, Lassater, Tex.

BIG CROPS, BIG MARKETS, BIG PROFITS. In the Houston, El Campo district of the Gulf Coast. Write us for Free Booklets, "Where Farming Pays," "Pointers on Where to Buy Land;" also "The Gulf Coast Bulletin," for six months free. Allison-Richey Land Co., Houston, Texas.

Irrigated Alfalfa Farm

I will trade my irrigated alfalfa farm of 320 acres, every acre good, well pumping 1500 gallons water per minute, 70 acres in alfalfa, located in the Plainview Shallow Water district, no junk considered. J. Walter Day, Owner, Plainview, Texas.

FLORIDA

OWN A HOME in the land of sunshine and flowers. De Soto County, Fla., offers you a delightful climate, productive soil. Our land has no swamps. We are not troubled with snowstorms nor blizzards, sunstrokes are unknown. There are no swamps, no droughts, 56 inches of rainfall, fine drainage; 365 days of growing season; three to four big paying crops each year; fine stock and dairy country. Big crops of hay, corn, oats, vegetables, oranges and thirty other kinds of fruit. We are selling this land on very low prices and easy terms. Write us for complete information. Do it now. R. G. Tonkin, Pres.

New Home Realty Co.

1307 Commerce Bldg., Kansas City, Mo.

ALABAMA

BLACK BELT ALFALFA AND STOCK Farms for Sale

1,550 acres, beautiful location, flowing artesian wells, plenty of shade; 1,330 acres choice alfalfa soil, ideal location, flowing wells. The above farms are the best properties in Alabama. We are selling more land and have more good land to offer than any firm in either Alabama or Mississippi. For information address C. C. Clay Alfalfa Land Co., Demopolis, Alabama.

NEW YORK

HERE IS A GREAT BARGAIN to settle up ownership. 147 acres; 2 barns, 40 cow stalls, basement; stables, silo. Nice hen house, 10 room house. Main barn 80x35; one mile from railroad town. \$500 worth of timber as it stands; all for \$3000. \$1200 cash, bal. time at 5%. Must move at once. Hall's Farm Agency, Owego, Tioga Co. N. Y.

FARMERS CLASSIFIED PAGE

Advertisements will be inserted in this department for 5 cents a word each insertion for one, two or three insertions. Four or more insertions 4 1/2 cents a word each insertion. Remittances should preferably be by postoffice money order. All advertisements are set in uniform style. No display type or illustrations admitted under any circumstances. Each number or initial counts as one word. Guaranteed circulation over 104,000 copies weekly. The rate is very low for the large circulation offered. Farmers Mail and Breeze is the greatest classified advertising medium in the farm paper field. It carries the most classified advertising because it gives the best results. Here is a splendid opportunity for selling poultry, livestock, land, seeds and nursery goods, for renting a farm, for securing help or a situation, etc., etc. Write for proof that it pays. Everybody reads these little ads. Try a classified for results.

POULTRY

BUFF ROCK COCKERELS FOR SALE. William A. Hess, Humboldt, Kan.

BARRED ROCKS—YOUNG AND OLD stock. Mattie A. Gillespie, Clay Center, Kan.

WHITE INDIAN RUNNER DUCKS AND drakes for sale. H. H. Tillotson, Latham, Kan.

GOLDEN LACED WYANDOTES. Cockerel and 12 pullets \$10.00. D. Lawver, Route 3, Weir, Kan.

BROILERS, HENS, DUCKS, TURKEYS wanted. Coops loaned free. Write The Cope's, Topeka, Kansas.

EXHIBITION BARRED ROCKS FOR THE fairs and shows. Guaranteed to win. A. H. Duff, Larned, Kan.

43 VARIETIES, POULTRY, PIGEONS, SPECIAL prices on young stock. Incubators. Catalogue 4 cents. Missouri Squab Co., Kirkswood, Mo.

WHITE RUNNER DRAKES, ONE DOLLAR each. Beauties, absolute satisfaction guaranteed. All young full grown stock. E. R. Mahaffa, Neal, Kan.

REDS—BUFF ORPINGTONS—BIG BONED, dark red, and big golden Buffs, from \$20.00 eggs. Sell cockerels cheap; egg laying strain. Ava Poultry Yards, Ava, Mo.

S. C. WHITE LEGHORNS, YOUNG'S strain cockerels \$2.00, three for \$5.00. April hatched. Classy, vigorous and healthy. Satisfaction guaranteed. Leon E. Turner, Kingsville, Mo.

FOR SALE—PURE BRED TURKEYS, geese, ducks, 18 varieties of poultry, guineas, bantams, dogs, Belgian hares, rabbits, fancy pigeons. Write your wants. D. L. Bruen, Platte Center, Neb.

LIVE STOCK

BLACK GALLOWAY BULL, WEIGHT 1700. G. Schmidt, Goessel, Kan.

FOR SALE—THOROUGHbred LINCOLN rams. J. O. Shouse, Lawson, Mo.

S. C. WHITE LEGHORN COCKERELS \$1.00 each. Dorothy Fritz, Linwood, Kan.

FOR SALE OR TRADE—150 HEAD OF Angora goats. Address Jno. Orth, Bush-ton, Kan.

YEARLING SHROPSHIRE RAMS, GOOD ones, registered, \$15 each. G. M. Fisher, R. R. 4, Wichita, Kan.

FOR SALE—PURE BRED PERCHERON stallion, black; weight 1800. John F. Weller, Overbrook, Kan.

FOR SALE—THREE ELIGIBLE TO REGIS- ter heavy milking Jersey cows. One fresh soon. S. J. Molby, Agricola, Kan.

HIGH GRADE HOLSTEIN CALVES, either sex, 3-4 weeks old, \$17 each, crated. Burr Oak Farm, Whitewater, Wis.

PURE BRED REGISTERED DUROC HOGS, Shropshire sheep and trotting horses, old and young, male and female. Arthur H. Bennett, Topeka, Kan.

ORDERS FOR THE PURCHASE OF ALL classes of dairy cattle on a commission basis are solicited. Write me your wants. L. R. Brady, Manhattan, Kan.

HOLSTEINS—TWO CHOICE YEARLING bulls; also 3-year-old herd bull. Will exchange latter for one of proper breeding. W. H. Lewis, Smith Center, Kan.

FOR SALE—HEREFORDS, 7 GOOD polled heifers, 2 years old; 2 good horned cows, some have calves at foot. Write at once. Box 30, R. No. 1, Lawrence, Kan.

REGISTERED SHROPSHIRE SHEEP—80 head of bucks and ewes. Better write or come and see them. Visitors are always welcome at the Doyle Park Stock Farm. Homan & Sons, Peabody, Kansas.

FOR SALE—SEVENTY-FIVE HOLSTEIN heifers two to three years old, heavy springers or to be fresh this fall and winter. Also seventy-five fine Holstein and Jersey cows. Waggoner & Son, Independence, Kan.

LANDS

A FEW 320 ACRE HOMESTEADS CHEAP. H. K. Haynes, Vona, Colo.

ONLY \$30.00 PER ACRE. 160 A. IMP., 100 miles east K. C., for mdse. 352, Gas, Kan.

FOR SALE—SOME FINE HOMES NEAR Lawrence, Kan. Address Box 30, R. No. 1, Lawrence, Kan.

FOR SALE—320 ACRES IN NORTHEAST corner of Barton county, Kan. Address H. C. Mall and Breeze.

FOR SALE—200 ACRES WASHINGTON Co., Arkansas, improved. Owner, B. E. Wilson, Morehead, Kan.

ADVERTISE YOUR PROPERTY IN CAP- per's Weekly for quick and sure results. 250,000 circulation guaranteed—among best farmers in Kansas and adjoining states. Advertising rate only 8c a word. Address Capper's Weekly, Adv. Dept., Topeka, Kan.

LANDS

LINEKER LAND COMPANY, NORTHERN California, olive, orange and peach land for sale and trade. Palmero, Calif.

80 ACRES WELL IMPROVED ALFALFA, fruit and water. Description, terms and price of Chas. West, Meriden, Kan.

76 ACRES, VERNON CO., MO.; WELL IM- proved; smooth; at station; fine crops; half cash; \$4,180. Box 84, Clinton, Mo.

FOR SALE OR TRADE—JACKSON COUN- ty unimproved farm 160 acres. Write owner for description. Box 75, Soldier, Kan.

FOR BARGAINS IN ARIZONA REAL ES- tate, deeded relinquishments and homesteads write Paul E. Gradall, Pearce, Ariz., Box 27.

FARM LAND AND RANCHES—LARGE list of Jewell and Smith Co. and western Kansas. Write A. J. Moravek, the land man, Esbon, Kansas.

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

HAVE GOOD SECTION OF PASTURE land at \$6.00 per a., good terms. Good 1/2 section to exchange for land near Superior, Neb. Andrew Meyer, Hoxie, Kan.

160 FARM FOR SALE IN GOOD GERMAN Catholic settlement 1 1/2 miles from town in Lyon Co. 30 acres alfalfa. \$50 per acre for quick sale. P., care Mail and Breeze.

120 ACRES IN ARKANSAS, 2 MILES FROM town of 3000—60 acres in cultivation—rich level land. \$15.00 per acre. Terms. H. D. Katz, 552 Peoples Gas Bldg., Chicago.

240 ACRES, 6 ROOM HOUSE, BARN, sheds, 80 acres bottom, alfalfa land, bal. pasture. Plenty water. Walnut timber. \$40.00 per acre. Widow, must sell. Box 26, Leon, Kan.

FOR SALE—HIGHLY IMPROVED STOCK and truck farm of 115 acres 2 1/2 mi. from Ocala, Florida. Write for particulars. Price \$7,000.00. Will exchange. John W. Naylor, Ocala, Fla.

FOR SALE—240 ACRES; GRAIN AND stock farm; 100 acres bottom; six (6) miles from Selden, Kansas. Price \$25.00 an acre. 160 acres 1 1/2 miles out \$20.00 an acre. Box 421, Norton, Kansas.

318 ACRES EASTERN COLO., CLEAR, 160 acres central eastern So. Dak. \$1,500 mtg. For sale or exchange. Prefer clear or lightly mortgaged farm. J. L. Short, Mahaska, Kan.

20 ACRES OF MY IRRIGATED LAND will make more than your 100-acre dry farm. Raise alfalfa, corn, truck, pecans, hogs and fine cattle. Near Ft. Worth and Dallas. Write for booklet. E. C. Stovall, Graham, Texas.

FOR SALE—142 ACRE FRUIT FARM, Wickes, Polk county, Ark. 4,000 Eberta peach, 500 Red June apple trees, all bearing; 2 acres strawberries, 2 blackberries. Good reason for selling. Cheap for cash. J. G. Mittelbach, Iola, Kan.

FOR TRADE—320 A. NICE SMOOTH LAND 11 miles S. E. of Syracuse, Kan., improved, 240 a. broke, close to school and church. Price \$15.00 per a. Want live stock or good rental property. New list for the asking. Trades a specialty. W. & M. Sales Co., Spearville, Ford Co., Kan.

PRODUCTIVE STATE AND DEEDED lands, crop payments or easy terms—along the Northern Pacific Ry. in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. No isolated pioneering. Free literature. Say what state interests you. L. J. Bricker, 393 Northern Pac. Ry., St. Paul, Minn.

FOR SALE OR RENT—40 ACRES, 3 MILES of Carbondale, Kan.; 30 under cultivation, balance pasture and little timber on creek; 2-room house, barn, cow lot, chicken house and corn crib; 1 mile to good school; 3 to church and store; fine neighborhood. Am a widow and must sell or rent quick. Bargain. Mrs. Rachel Layman, Carbondale, Osage Co., Kan.

EASTERN OKLAHOMA FARM FOR SALE. A splendid 250 acre prairie valley farm located 2 1/2 miles from Caney, Kan., adjoining the Kansas line in Oklahoma. 180 acres in cultivation. Some improvements. Will sacrifice at \$29.50 per acre. For sale by original Cherokee Indian allottee. Title absolutely perfect. Address Box 1227, Muskogee, Okla.

BUY A FARM ON TEN YEARS' TIME— Fertile soil. Open prairie. Ample rainfall. High elevation. Excellent drainage. Big crops of cotton, corn, potatoes, peanuts, forage, vegetables and fruits. Finest cattle and hog country in the world. Big profits in dairying and poultry raising. Two miles from Rock Island, Colorado county, Texas. Home markets for all crops at good prices. Churches, schools, healthful climate, pure water. Farms at \$45 per acre, payable \$4.50 per acre cash and \$4.50 per acre per year. Less than rent. We are farming on this land. Write today for full information, map and plat. Address F'rench & Frazee, owners, Dept. 18, Rock Island, Texas.

FINE TOPEKA HOME FOR SALE—I WILL sell my place in Topeka, located on the most beautiful street in the city, near limits of city, two blocks from street car, two blocks from fine school, fine old shade, park like surroundings, lot 61 1/4 by 205 feet, eight room house, modern in every detail, hardwood finish, four fine mantels and grates, of oak, brick and tile, big sleeping and dining porch, both screened, barn, poultry houses, etc., etc. Fine place for farmer who wants to move to the capital city. Price \$5,500, worth more. Cash or terms. Interest only 6 per cent instead of the usual 7 per cent. No trade. Address R. W. E., care Mail and Breeze.

FOR SALE

SCOTCH COLLIE PUPS CHEAP. BOX 111, Inman, Kan.

SWEET CLOVER, WHITE AND YELLOW. T. Mardis, Falmouth, Ky.

THOROUGHbred SCOTCH COLLIE PUPS for sale. W. H. Smee, Zurich, Kan.

PEDIGREED COLLIES—\$2.50 FOR FE- males, \$4.00 for males. S. C. Gardner, McLean, Ill.

FOR BARGAIN IN SPALDING DEEP tilling machine write B. C. Pogle, Williamsburg, Kan.

CALIFORNIA MOUNTAIN SAGE HONEY— 120-lb. cases \$9.00 per case. Sample 10 cents. W. W. Hatch, Alta Loma, Cal.

FOR SALE—DISC GANG PLOW AND EX- tra disc, all complete and in good shape. \$25.00 cash. Jno. B. Thompson, Plattsburg, Mo.

FRESH DRIED FRUIT, DIRECT FROM trays to consumer. Peaches, prunes, raisins at \$6 per 100 F. O. B. A. S. Cross, Kingsburg, Calif.

HONEY—FANCY WHITE ALFALFA, 2 60-lb. cans \$11.00; amber, 2 60-lb. cans \$10.00. Single cans 25 cents extra. Bert W. Hopper, Rocky Ford, Colo.

COLLEGE HILL HOME. EIGHT ROOM house, three lots, shade and fruit trees, city and well water, gas and electricity, bath, etc. Price and terms reasonable. Mrs. Henrietta Clark, 1291 Mulvane St., Topeka, Kan.

FOR SALE OR EXCHANGE

24 ROOM HOTEL, PART BRICK AND part frame, with all the contents, to trade for land. Theo. Voeste, Olpe, Kan.

TO TRADE FOR UNENCUMBERED FARM land, seven-passenger, 60-horsepower Winton Six automobile, fully equipped, self-starter, top and windshield. Cost \$3,000 when new. This is a great family touring car, in first class condition, and has only been used by owner. T. D. Costello, 1512 Waldheim Bldg., Kansas City, Mo.

FARMS WANTED

FARM WANTED—FOR CLEAR INCOME brick business property, of equal value, \$12,000. Garth Realty, Larned, Kansas.

FARM WANTED—OWNER DESIRING TO sell send description, location, size, price, at once. C. L. Winegar, Box 101, West Fort Ann, N. Y.

I WANT TO RENT A FARM ON THE share plan, landlord to furnish everything. Address Farmer, care Farmers Mail and Breeze, Topeka, Kan.

WANTED: GRAIN AND STOCK FARMS, from 40 to 800 acres, for cash buyers. Will deal with owners only. Give price, description, and location. James P. White, New Franklin, Mo.

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

AUTOMOBILES

MY PRACTICALLY NEW FIVE PASSEN- ger Elmore. This is a classy little car and is in perfect condition. L. C. Lippincott, 432 Riato Bldg., Kansas City, Mo.

MY FIVE PASSENGER STEVENS-DUR- yea at a sacrifice price. This is a high grade machine and is in perfect condition. T. J. Coughlin, 438 Riato Bldg., Kansas City, Mo.

FIREARMS WANTED.

FIREARMS WANTED. BUY OR EX- change all sorts. Stephen Van Rensselaer, Dept. 31, West Orange, N. J.

HELP WANTED

THOUSANDS GOVERNMENT JOBS OPEN yearly. List free. Franklin Institute, Dept. L 51, Rochester, N. Y.

WANTED—MIDDLEAGED WOMAN FOR general housework. Must be neat in appearance and good cook, no washing. Address Dr. M. J. Perkins, Spearville, Kan.

WILL PAY RELIABLE WOMAN \$250 FOR distributing 2,000 packages Perfumed Soap Powder in your town. No money required. M. Ward & Company, 218 Institute Place, Chicago.

WANTED—MEN AND WOMEN—18 OR over. Get government jobs. Thousands appointments this year. \$65.00 to \$150 month. Write immediately for list of positions available. Franklin Institute, Dept. L 51, Rochester, N. Y.

WE WILL PAY YOU \$120.00 TO DISTRIB- ute religious literature in your community. Sixty days' work. Experience not required. Man or woman. Opportunity for promotion. Spare time may be used. International Bible Press, 199 Winston Building, Philadelphia.

MALE HELP WANTED

GOVERNMENT FARMERS WANTED. EX- amination Oct. 14. Good salary. Write, Ozment, 38 F, St. Louis, Mo.

MOTORMEN - CONDUCTORS; INTERUR- bans; earn \$80 monthly; experience unnecessary; qualify now; state age; details free. F., care Mail and Breeze.

WANTED - MANAGER FOR LUMBER yard; also to learn of a few locations for branch yards. Skeena River Mills Limited, Vancouver, B. C.

RAILWAY MAIL CLERKS, CLERK-CAR- riers and rural carriers wanted. I conducted examinations—can help you. Trial examination free. Ozment, 38, St. Louis.

MEN WANTED PREPARE AS FIREMEN, brakemen, motormen, colored train porters. No experience necessary. Steady work. Write Inter Railway, care Mail and Breeze.

LEARN WATCH REPAIRING; THE BEST paying trade. Begin now under personal instruction. Earn while you learn. Write for full details. Watch School, 821 East 12th St., Kansas City, Mo.

RAILWAY MAIL CLERKS—CITY MAIL carriers get \$65.00 to \$150 month. Thousands appointments coming. Examinations frequently. Specimen questions free. Write Franklin, Dept. L-51, Rochester, N. Y.

LOCAL REPRESENTATIVE. WANTED. Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. All or spare time only. 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. National Co-Operative Realty Company, L-157, Marden Building, Washington, D. C.

AGENTS WANTED

AGENTS—GET PARTICULARS OF ONE of the best paying propositions ever out. The New Portable Oil Gas Stove for Heating, Cooking and Baking. Sells like wild-fire. Light in weight—practical. \$25 to \$50 per week. A postal will bring our money making proposition. The World Mfg. Co., 6106 World Bldg., Cincinnati, O.

YOUNG MAN, WOULD YOU ACCEPT AND wear a fine tailor made suit just for showing it to your friends? Or a Slip-on Raincoat free? Could you use \$5 a day for a little spare time? Perhaps we can offer you a steady job? Write at once and get beautiful samples, styles, and this wonderful offer. Banner Tailoring Co., Dept. 874, Chicago.

\$9 DAILY AVERAGE SELLING ADVANCE Pump Governors. They make the hardest working pumps work easy, windmills turn in slightest wind, pumping engines work with less than one-half the gas or steam; fit all pumps; warranted 5 years; exclusive territory; price \$4 each; honorable men wanted to sell them everywhere. International Foundry Co., 359 Minnesota street, St. Paul, Minn.

SEEDS & NURSERIES

SWEET CLOVER; WHITE AND YELLOW; biennial. Pure Kentucky seed direct from grower. R. E. Purdy, Falmouth, Ky.

TREES AT WHOLESALE PRICES FOR fall planting. Fruit Book free. Address Wichita Nursery, Box B, Wichita, Kansas.

ALFALFA SEED—1914 CROP, RECLEAN- ed. Free sample. Large sample 10c. Buy now for spring planting. G. L. Huyett, Minneapolis, Kan.

SUDAN—THE WORLD'S GREATEST HAY crop. A limited quantity of seed for sale in 10-pound lots, at 55 cents per pound, two pounds plant one acre. References furnished as to responsibility and purity of seed. Kimbro & Parks, Lubbock, Texas.

PATENTS

MEN OF IDEAS AND INVENTIVE ABIL- ity should write for new "List of Needed Inventions." Patent Buyers and "How to Get Your Patent and Your Money." Advice free. Randolph & Co., Patent Attorneys, Dept. 25, Washington, D. C.

MISCELLANEOUS.

OREGON STATE PUBLICATIONS FREE— Oregon Almanac and other official books published by State Immigration Commission, telling of resources, climate and agricultural opportunities for the man of moderate means. Ask questions—they will have painstaking answers. We have nothing to sell. Address Room 112, Portland Commercial Club, Portland, Oregon.

FREE FOR SIX MONTHS—MY SPECIAL offer to introduce my magazine "Investing for Profit." It is worth \$10 a copy to anyone who has been getting poorer while the rich, richer. It demonstrates the real earning power of money, and shows how anyone, no matter how poor, can acquire riches. Investing for Profit is the only progressive financial journal published. It shows how \$100 grows to \$2,200. Write now and I'll send it six months free. H. L. Barber, 425, 28 W. Jackson Blvd., Chicago.

It May Be Rheumatism

BY DR. R. R. DYKSTRA.

One of my cows, 6 years old, fresh last spring, has begun to run down. Seems to be stiff in all her joints; mostly in shoulders and neck. Hurts her to put her head down. Has a fair appetite. Drinks well. Does not cough or run at the nose.—J. W. L., Melvern, Kan.

I cannot tell you what the trouble is with your cow, as the symptoms are too limited, but I suspect that she may be affected with rheumatism. For this latter trouble I would advise you to give the cow 2 drams of salicylate of soda every two hours for twelve hours, and afterward, the same dose three times daily.

If rheumatism is the trouble, this will effect a cure in the course of a week or ten days.

The Billard Issue is Met

(Continued from Page 9.)

"We have abolished the gambling hell and the saloon in Kansas. But thousands of Kansas boys and girls are still fair prey for the brothel keeper and the white slaver. Commercialized vice still thrives in many Kansas towns and cities as a recognized part of the community under the old policy of toleration and criminal partnership of the fine system.

"The Kansas town or city which now permits or sanctions this traffic and sets apart a place for it in the community, should be proscribed—quarantined like a plague spot and scorned by its neighbors."

Feterita is a New Food

(Continued from Page 3.)

meal has made many a stack of batter cakes on winter mornings. With a flavor of its own, it will do all in muffins, brown bread, corn cakes, puddings and pastries that corn meal will do. So at last the grain sorghums have come into their own. No longer may they be regarded as servants faithful, indeed, but inferior; no longer as poor relations of corn, honest, perhaps, but ragged. They are equals, with a standing in the community won strictly on their proved merits.

The grain sorghums, says Carleton R. Ball of the United States Department of Agriculture, have made good on the farm, and in the city.

The left hind foot of a graveyard rabbit will bring luck to any man who is industrious, efficient, economical and thrifty.

MISCELLANEOUS

PRICE—CLEAN WHITE TABLE RICE, 100 lbs. \$5.50. Send for trial order. Beaumont Rice Exchange, Box 765, Beaumont, Texas.

LUMBER—HOUSE AND BARN BILLS DIRECT from mill to consumer. Wholesale price. Shipped anywhere. McKee Lumber Co., Shawnee, Okla.

YOU MAY HAVE A BUSINESS TRAINING. Whatever your circumstances. The Success Club, Topeka, Kan., will find you a way. Write fully. Enclose stamp.

250 ACRE BOTTOM FARM FOR RENT, adjoining Poteau, Oklahoma. Will subdivide. Also want two monthly farm hands for year. R. B. Funk, Poteau, Okla.

WANT TO BUY A SECOND-HAND GASOLINE plowing outfit; also wish to rent some wheat land. Or buy land on crop payment plan. Address Wheat, care Mail and Breeze.

DIMENSION LUMBER DIRECT FROM mill to consumer. Use oak for frame work on barns, sheds, etc. It's better, costs less. Farmers club together. Write for prices. A. C. Nickel, Piedmont, Mo.

A SCIENTIFIC LINIMENT FOR RHEUMATISM. Send address and see what our home people, who have tried it say. Don't suffer, send now. Clarksville Medicine Co., Box 256, Clarksville, Tenn.

WILL PAY RELIABLE MAN OR WOMAN \$12.50 to distribute 100 free pkgs. Perfumed Borax Soap Powder among friends. No money required. M. B. Ward Company, 218 Institute Pl., Chicago.

NOTICE TO SILO OWNERS—TO OWNERS of pit silos I have a hoisting machine with which one man can take the ensilage from silo alone. Machine is sold under an absolute guarantee. For further information write Henry Santrock, Kensington, Kan.

PEARS. PEARS. YOU WANT THE BEST fruit grown. You can have fresh pears that cost you 8c-10c home canned per quart. We pay freight, stand loss and guarantee satisfaction. 17th year. Lancaster Pear Co., Rockford, Gage Co., Neb., Dept. P.

BIG BARGAIN FOR SHORT TIME ONLY. Send only 10 cents and receive the greatest farm and home magazine in the Middle West for six months. Special departments for dairy, poultry and home. Address Valley Farmer, Arthur Capper, publisher, Dept. W. A. 10, Topeka, Kansas.

WHAT BREEDERS ARE DOING

FRANK HOWARD, Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and Oklahoma, 614 So. Water St., Wichita, Kan. John W. Johnson, N. Kansas and S. Nebraska, 820 Lincoln St., Topeka, Kan. Ed R. Dorsey, Illinois and Indiana, Versailles, Ill. Jesse R. Johnson, Nebraska, 1507 Elm St., Lincoln, Neb. C. H. Hay, S. E. Kan. and So. Missouri, 4204 Windsor Ave., Kansas City, Mo.

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.

Poland China Hogs.

Sept. 29—W. H. Cooper, Pittsfield, Ill. Oct. 15—Fred G. Leplad, Lawrence, Kan. Oct. 15—Homer Dickerson, Jameson, Mo. Oct. 19—Sam Herren, Penokee, Kan. Oct. 20—U. S. Byrne, Saxton, Mo. Oct. 20—Joe Hemmy, Hill City, Kan. Oct. 20—Roy Johnston, South Mound, Kan. Oct. 21—H. B. Walter, Effingham, Kan. Oct. 22—H. C. Graner, Lancaster, Kan. Oct. 23—Herman Groninger & Sons, Bendena, Okla. Oct. 24—Wm. R. Zahn, Concord, Ill. Oct. 26—J. L. Moseley, New Boston, Ill. Oct. 28—Walter Hildwein, Fairview, Kan. Oct. 28—Albert Smith & Sons, Superior, Neb. Oct. 29—Thos. F. Walker & Son, Alexandria, Neb.; at Fairbury, Neb. Oct. 30—Fritchard & Martin, Walker, Mo. Nov. 7—Ben Anderson, Lawrence, Kan. Nov. 11—J. H. Harter, Westmoreland, Kan. Nov. 13—L. E. Klein, Zealande, Kan. Dec. 17—Ed Sheehy, Hume, Mo. Jan. 20—Roy Johnston, South Mound, Kan. Jan. 21—Joe Hemmy, Hill City, Kan. Jan. 23—A. C. Lobough, Washington, Kan. Feb. 1—Beall & Jackson, Roca, Neb. Feb. 2—John Klimmer, Mankato, Kan. Feb. 3—J. H. Hamilton & Son, Guide Rock, Neb. Feb. 4—Albert Smith & Sons, Superior, Neb. Feb. 5—H. L. Pritchett, New London, Mo. Feb. 8—E. B. Merten, Clay Center, Kan. Feb. 9—Jas. W. Anderson, Leonardville, Kan. Feb. 10—Agricultural College, Manhattan, Kan. Feb. 11—G. A. Wiebe, Beatrice, Neb. Feb. 13—J. F. Foley, Oronoque, Kan. Feb. 13—Thos. F. Walker & Son, Alexandria, Neb.; at Fairbury, Neb. Feb. 15—Joshua Morgan, Hardy, Neb. Feb. 17—J. H. Harter, Westmoreland, Kan. Feb. 18—J. L. Griffiths, Riley, Kan. Feb. 19—A. J. Swingle, Leonardville, Kan. Feb. 20—Hubert J. Griffith, Clay Center, Kan. Feb. 24—Alfred Carlson, (Spotted Polands), Cleburne, Kan. Feb. 25—T. M. Willson, Lebanon, Kan. Feb. 26—Lambert Bros., Smith Center, Kan. Feb. 26—W. E. Epley, Diller, Neb. March 5—Gilbert Johnson, Osceola, Neb.

Spotted Poland Chinas.

Oct. 16—Kennedy & Sons, Trenton, Mo. Feb. 24—Alfred Carlson, Cleburne, Kan. Duroc-Jersey Hogs. Oct. 12—W. R. Hamline, Blandinsville, Ill. Oct. 22—M. M. Hendricks, Falls City, Neb. Oct. 27—Master & Fitzwater, Goffs, Kan. Oct. 21—John O. Hunt, Marysville, Kan. Oct. 31—E. N. Farnham, Hope, Kan. Nov. 6—Sam'l. Drybread, Elk City, Kan. Nov. 7—Phillip Albrecht & Sons, Smith Center, Kan. Nov. 10—J. B. Duncan, Flush, Kan. Nov. 12—E. F. Swank & Sons, Blue Rapids, Kan. Jan. 25—J. B. Swank & Sons, Blue Rapids, Kan. Jan. 25—Geo. Briggs & Son, Clay Center, Neb. Jan. 26—Ward Bros., Republic, Kan. Jan. 27—Ralph P. Wells, Formoso, Kan. Jan. 28—Dana D. Shuck, Burr Oak, Kan. Feb. 6—Phillip Albrecht & Sons, Smith Center, Kan. Feb. 12—A. C. Buckingham and J. A. Porterfield, Jamesport, Mo. Feb. 9—Agricultural College, Manhattan, Kan. Feb. 10—Thompson Bros., Garrison, Kan. Feb. 11—Samuelson Bros., Cleburne, Kan. Feb. 12—Howell Bros., Herkimer, Kan. Feb. 16—J. M. Layton, Irving, Kan. Feb. 22—W. T. Fitch, Minneapolis, Kan. Feb. 23—J. R. Jackson, Kanopolis, Kan. Feb. 25—Martin Kelly, Verdun, Neb. Feb. 27—A. N. Farnham, Hope, Kan. March 5—Samuelson Bros., Blaine, Kan.

Hampshires.

Sept. 23—J. F. Price, Medora, Kan. O. I. C. Hogs. Oct. 1—Alvey Bros., Meriden, Kan. Feb. 3—Chas. H. Murry, Friend, Neb. Shorthorn Cattle. Sept. 23—Adam Andrew and Fred Cowley, at Girard, Kan. Sept. 29—Geo. A. Linn, Neodesha, Kan. Jan. 15—L. R. Brady, Mgr., Manhattan, Kan. Jersey Cattle. Sept. 22—H. C. Johns, Carthage, Mo. Oct. 14—Parkdale Farm Co., Kane, Ill. Nov. 9—A. L. Churchill, Vinita, Okla. Angus Cattle. Jan. 21—L. R. Brady, Mgr., Manhattan, Kan. Holstein Cattle. Sept. 22—W. G. Merritt & Son, Great Bend, Kan. Oct. 8—T. A. Glerens, Lincoln, Neb. Oct. 15—A. B. Wilcox, Abilene, Kan. Oct. 22—T. A. Glerens, Lincoln, Neb. Oct. 19-20—Henry C. Glissman, Omaha, Neb. Hereford Cattle. Oct. 23-24—W. I. Bowman & Co., Ness City, Kan.

Guernsey Cattle.

Nov. 16—Frank P. Ewins, Independence, Mo.; B. C. Settles, sales manager, Palmyra, Mo.

Jacky and Jennets.

Oct. 20-21—L. M. Monsee & Sons, Smithton, Mo.

Percherons.

Feb. 18—W. S. Boles & Sons, Enid, Okla.

Combination Livestock Sales.

Nov. 9 to 14—F. S. Kirk, Mgr., Enid, Okla. Jan. 4 to 10—F. S. Kirk, Mgr., Enid, Okla. March 8 to 13—F. S. Kirk, Mgr., Enid, Okla.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

Olivier & Sons, Danville, Kan., have over 200 Poland China spring pigs that are unusual in both size and quality. Their herd of sows ranges from the medium sized to those of outstanding scale and they have mated them with several herd boars to produce that size which is becoming more in demand and without sacrificing quality. This spring's crop of pigs, great, stretchy fellows, many of them with show yard quality, is proof of their success as breeders. They are now ready to sell these spring pigs and will price them where you will want more of the same kind at the same price. Write them describing your wants, mentioning Farmers Mail and Breeze.

Last Call Price's Hampshire Sale.

J. F. Price, Medora, Kan., will sell Wednesday, September 23, 55 Hampshire hogs. Mr. Price is intending to close out his entire herd and every animal of this well known herd will be sold without reserve, including herd sows, herd headers and all. To the breeder who expects to start in the Hampshire business or add new blood to his herd here will be the place to find what you need. Several of these herd sows have litters at side and one of these good herd sows and her litter will soon put you in the Hampshire business and the Hampshire is without doubt becoming a favorite breed. Read the display advertising this issue and write today for catalog and make arrangements to be at this sale.

Price's Hampshire Sale.

This is the last opportunity we will have to remind our readers of the big dispersion sale of Hampshire hogs at Medora, Kan., September 23. J. F. Price, the owner of this herd, was one of the first men in Kansas to take up this breed of hogs. His herd furnished the first state fair exhibit made in Kansas which was some dozen years ago. Each year since Mr. Price has been a regular exhibitor at Hutchinson and has won largely of the ribbons. The first two or three years his herd was the only one on exhibition at this fair but of later years he has had strong competition as the breed has grown in favor and herds have increased rapidly during the last few years. Mr. Price is selling his entire herd, herd boars, herd sows and all, which will afford an unusual opportunity for breeders and farmers who want to buy this breed of hogs. Remember the date and arrange to attend the sale.

Walnut Grove Duroc-Jerseys.

R. C. Watson of Altoona, Kan., proprietor of Walnut Grove Farm, is making

a special price on a yearling boar, sired by Model Top and out of a B. & C's Col. dam. This boar will weigh about 400 pounds in breeding flesh and is a proven breeder and guaranteed all right in every way. In addition to the yearling boar he has a number of good spring boars and gilts of March farrow that will weigh around 160 pounds. Mr. Watson recently shipped 12 head of Duroc-Jerseys to a Nebraska breeder who came to his farm and selected the animals himself. Mr. Watson's hogs please all who see them. The following letter indicates the way his customers feel about his hogs. "Received the hogs yesterday. I am sure well pleased with them. They are just what I have been looking for.—W. A. Denise, Fontana, Kan." If interested in Mr. Watson's offering write him and mention Farmers Mail and Breeze.

N. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

Write A. J. Swingle, Leonardville, Kan., about a Gritter's Surprise or Big Orange Again March boar. He has some of the best you ever saw and out of his big mature Iowa bred sows. He will not make a boar sale and will price them worth the money.

Howell Brothers, Herkimer, Kan., offer the top boars from their 115 last spring Duroc-Jersey pig crop. They are holding the gilts for their bred sow sale February 12, but the top boars go at reasonable prices. Look up their advertisement in this issue and write them for prices and descriptions.

W. C. Dubois, Agra, Kan., exhibited his Poland Chinas at the Smith county fair where he won first and sweepstakes on herd boar and first and second on fall boars. He has decided not to hold a fall sale but will sell his fall and spring boars at private sale. Also a nice lot of spring gilts. His herd is one of real merit.

J. L. Griffiths, Riley, Kan., is offering 24 March boars sired by King of Kansas that are hard to beat. They are out of mature

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—Enclosed please find draft for \$4.00 for two issues of advertising. I have sold the land so will not need it to run longer. Will try some more a little later. Yours very truly, GEO. W. FINNUP, Dealer in Real Estate. Garden City, July 23, 1914.

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—Farmers Mail and Breeze has been a good puller for me. Yours truly, C. E. WHITE, Breeder of Shorthorn Cattle. Burlington, Kan., Aug. 3, 1914.

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

PUREBRED HORSES.

German Coach

70—Horses—70

The great general purpose horse. Satisfaction guaranteed. Write or call.



J. C. BERGNER & SONS, Pratt, Ks.

Johnson's Shetland Pony Farm

Write me regarding Shetland Ponies. I have for sale 40 to 50 head of fine ones, spring colts, yearlings, coming two and matured stock. Registered mares or stallions. My herd runs strong to spotted, black and white, and I have Nebraska State Fair winners. Let the children have a pony. My prices are reasonable and every pony is guaranteed as represented. Write me now while I have a fine offering of spring colts on hand.

H. H. JOHNSON, CLAY CENTER, NEBRASKA.



At Ordinary Prices

farm-raised registered Percheron studs, 1, 2, 3 and 4 years old. Kind disposition because well cared for. You would admire their big bone first, then their immense weights because they are developing big like their imported sire and dams. And you will receive true old-fashioned hospital—Fred Chandler's Percheron Farm on your visit at CHARITON, IOWA. Just above Kansas City.



Alvey Bros. O.I.C. Dispersion

Meriden, Kansas

Thursday, October 1, 1914

The sale will be held at the farm three miles north of Grantville, nine miles northeast of Topeka and five miles south of Meriden. Come to Grantville and we will bring you out to the sale and return you in the evening. Best of morning and evening train service to and from Topeka and Grantville.

This dispersion sale consists of 50 head

as follows: Three 1913 fall boars, 12 spring boars, one three-year-old sow and three first litter sows open. Also eleven 1913 fall sows that are bred and 20 spring gilts. They are prolific families having scale and there are no bad backs or feet. This is a good honest dispersion of one of the well known herds of the country. Catalog ready to mail. Address,

ALVEY BROS., Meriden, Kan.

Send bids to Col. Frank Zaun, Auctioneer or J. W. Johnson, fieldman in my care; Mention Farmers Mail and Breeze.

LIVESTOCK AUCTIONEERS.

BOYD NEWCOM Wichita, Kansas. Auctioneer. Real Estate a Specialty. Write, wire or phone for dates.

N.W. COX Wellington, Ks. Auctioneer. LIVESTOCK AND FARM SALES.

Spencer Young, Osborne, Kan. Livestock Auctioneer. Write for dates.

JESSE HOWELL Herkimer, Kan. Livestock Auctioneer. Write or phone for dates.

J. P. Oliver Newton, Kan. Livestock and Real Estate Auctioneer. My 20 years experience insures better results.

Jas. T. McCulloch, Clay Center, Kan. Reference: The breeders I am selling for every year. Write for open dates.

FRANK J. ZAUN FINE STOCK AUCTIONEER. INDEPENDENCE, MO. "Get Zaun. He Knows How." Bell Phone 675 Ind.

Ruggels & Son, Beverly, Kansas Livestock and big farm sales solicited.

W. A. Fisher, White City, Kan. Livestock Auctioneer. Write or Phone for dates.

D. F. Perkins, Concordia, Kan. Livestock Auctioneer. Write, wire or phone for dates.

Be an Auctioneer

Travel over the country and make big money. No other profession can be learned so quickly, that will pay as big wages. Next 4 weeks term opens Oct. 5th. Are you coming?

MISSOURI AUCTION SCHOOL Largest in the World. W. B. Carpenter, Pres 818 Walnut St., Kansas City, Mo.

O. I. C. HOGS.

O. I. C. PIGS LARGE TYPE. Harry W. Haynes, Meriden, Kansas.

O. I. C. FALL BOARS REGISTERED FREE. HENRY KAMPING, ELSMERE, KANSAS.

Western Herd O. I. C. Hogs March pigs, both sexes, \$10 to \$15. Pairs and trios not related at less. Also 25 fall gilts bred for September farrow. F. C. GOOKIN, RUSSELL, KANSAS

Chester White Swine If you want the best in this popular breed write QUINTON M. BRADSHAW, LaHarpe, Ill.

O. I. C. FEB. AND MARCH PIGS at \$15 and \$20. Booking orders for August and September pigs. A. G. COOK, WALDO, KAN.

IMPROVED CHESTER WHITE HOGS Jumbo's Models and Dixie strains. 100 early spring pigs. Immuned by double treatment. September and October sales recorded free. B. M. GILMORE, JOY, ILLINOIS

O. I. C. HERD BOAR My herd boar O. K. Wonder for sale at \$40. A sure breeder and a good one. Also spring pigs of both sexes. Write. Andrew Kosar, Delphos, Kan.

O. I. C. SWINE Pigs and Bred Gilts. If you want pigs of Quality write me. My prices are low. J. P. CANADAY, CARROLLTON, MO.

Immune Chester White Boars The first check for \$20 gets choice of 25 boars we offer for sale, fine pigs, F. O. B. (terms). Write at once to EDW. ROSS & SON, WHITE HALL ILL.

O. I. C. Bred Sows and Gilts A few tried sows and gilts, bred for fall farrow. 150 spring pigs with size and quality, also a few boars ready for service. Write for prices. JOHN H. NEEF, BOONVILLE, MISSOURI

MAPLE GROVE O. I. C's L. B. SILVER CO'S STRAIN.

Table with 2 columns: Age (2 to 3 months old, 3 to 4 months old, 4 to 5 months old, 5 to 6 months old, 6 to 7 months old) and Price (\$10.00, \$12.50, \$15.00, \$17.50, \$20.00). Includes Service boars at \$25.00 and Bred gilts at \$25.00. F. J. GREINER, BILLINGS, MISSOURI

HAMPSHIRE.

Registered Hampshires Spring boars and gilts priced to sell. Every hog properly vaccinated. C. E. LOWRY, OXFORD, KANSAS

SPECIAL PRICES on Pedigreed young Hampshire boars, bred sows and gilts. Call on or write, J. F. PRICE, Medora, Kan.

SUNNY SLOPE FARM HAMPSHIRE'S Pigs all sold but 5 boars and 10 sows—best of the crop. \$20 each or 3 for \$50. If you say they are not worth the money, I will try my level best to adjust the difference. If you know a fair way to sell hogs, tell me and I will sell your way. FRANK H. PARKS, Olathe, Kansas

sows and are the big kind with loads of quality. Look up his advertisement in this issue. He would like to sell them at private sale and will make the price right. Mention the Farmers Mail and Breeze.

E. N. Farnham, Hope, Kan., offers Duroc-Jerseys of all ages for sale. He can supply you with pairs or trios not related of spring farrow, or boars or gilts of last fall farrow, the gilts either bred or open. He also has a nice lot of pigs farrowed this month. His herd is one of the best in the country and you can't miss it by writing him for information and prices. Mention his advertisement in the Farmers Mail and Breeze when you write.

E. E. Merten, Clay Center, Kan., is offering March Poland China boars at private sale. He has a nice variety of fashionable breeding and his March boars are hard to improve on. They are extra well grown and are of the best of big type breeding. He bought bred sows from prominent herds in three states last winter and has the goods. His prices will be found very reasonable. Write him at once for prices and further information about breeding.

D. Ballantyne & Son, Herington, Kan., offer 20 Shorthorn bulls for sale ranging in age from 6 to 12 months. Also a nice lot of 1 and 2-year-old heifers. The Ballantynes have been in the Shorthorn breeding business on the same farm near Herington for 30 years and are among the best breeders in the West. They are two miles out from town. Write them for prices and descriptions. Look up their advertisement in this issue of the Farmers Mail and Breeze.

Spotted Poland China Boars

Alfred Carlson, Cleburne, Kan., breeds spotted Poland Chinas and has over 100 spring pigs. He has claimed February 24 as the date of his bred sow sale and will sell spring boars at private sale and at very reasonable prices. He also has two fall yearling boars that are extra good, for sale. Anyone interested in the big spotted Poland would do well to write Mr. Carlson for prices as he has a fine herd and will sell reasonably. Look up his advertisement in this issue of the Farmers Mail and Breeze.

Great Boar Opportunity.

A. J. Swingle's public sale offering of Poland China sows with litters by their sides did not draw a sufficient attendance to warrant him in starting the auction. Everyone was given an opportunity to buy at private sale. The 15 young sows with litters were of the highest quality and all had excellent litters with them. It was a little early in selling sows with litters is something new in the public sale business. The litters will be weaned and the sows bred and put in the February 19 bred sow sale. The 15 March boars will be sold at private sale. They are a fine lot of big well grown fellows and will be sold worth the money. Write Mr. Swingle, Leonardville, Kan., for descriptions and prices. Mention the Farmers Mail and Breeze when you write.

Variety of Duroc Breeding.

In this issue will be found the advertisement of George Wreath, Manhattan, Kan., in which he is offering at private sale his spring crop of Duroc-Jersey pigs. Mr. Wreath is well known as a breeder of Duroc-Jerseys and was one of the best buyers last winter of bred sows in prominent sales over the country. His crop of pigs represent prominent Duroc-Jersey families and has been carefully handled and are of good size and will be priced worth the money. Two litters were sired by E. & S. Crimson Wonder and are good enough to go anywhere. Their dams were by Model Hero, by Golden Model. Another litter equally as good was sired by Rambler's King and out of a Good Enough Again dam. Another is by Orion Wonder and out of a Kansas Special dam. In addition to this he has other up to date breeding. His herd is located near the college at Manhattan and he will be glad to show you around any time. Drop him a line for further information about breeding and prices. Look up his advertisement in this issue.

O. I. C. Dispersion Sale.

Alvey Brothers, Meriden, Kan., are dispersing their O. I. C. herd of hogs at public sale at their farm three miles north of Grantville, Kan., Thursday, October 1. The sale is a real dispersion of the entire herd as they have decided to let up a little on the hard work necessary in looking after a herd of this kind. They will be glad to mail you their catalog by return mail if you will drop them a line giving them your address and mentioning their advertisement which appears in this issue of the Farmers Mail and Breeze. Alvey Brothers are old O. I. C. hog men and are well and favorably known to the breeding fraternity. The writer visited their farm recently and inspected their herd. There will be sows in this sale with show yard quality that should have been in the show ring this season. There will be fall boars good enough to go anywhere, and last fall gilts bred for this fall farrow. Also spring boars and gilts and if you are in the market for breeding stock to improve your herd you want to be at this sale or represented at it. Col. Frank Zaun of Independence, Mo., has been employed to conduct the sale. Those from a distance who attend the sale should come to Topeka and go from there to Grantville on the Union Pacific the morning of the sale. It is only three miles to the farm from there and rigs will meet you. The evening train will get you back to Topeka in good time. Those from Atchison can come on the morning Santa Fe to Meriden where they will be met with rigs. They can return in the evening. Write for a catalog and come or send bids to J. W. Johnson of this paper. Mention the Farmers Mail and Breeze when you write.

Illinois and Indiana

BY ED. R. DORSEY.

J. L. Mostey of New Boston, Ill., who is to hold his big bone Poland China sale at Keithsburg, October 26, reports his stock doing nicely and all in the very best of health. He will sell 20 males, 20 gilts and five of his brood sows. He says, "Take notice of the Big Orange Mac pigs," and we will say if he had seen some of the big winners this year at the Iowa State Fair that were blood relation to his good herd boar, Big Orange Mac, he would still appreciate his valuable hog even more than he does. Big Orange Mac is individually a show hog

SHEEP.

FOR SALE Registered Shropshire sheep of both sexes; yearlings and lamb rams. J. W. JOHNSON, Route 3, Geneseo, Kan.

Registered Hampshire Rams 30 choice rams sired by Imported Baron Hampshire. They are large, rugged fellows with strong, thick backs. SHERWOOD BROS., SHELBYVILLE, MO.

Hampshire Down Sheep Fifteen ewes and fifteen rams; best of breeding. Large and rugged; the kind that go out and make good. Priced right. H. W. GARNETT, LEONARD, MISSOURI

POLAND CHINAS.

ATTRACTIVE PRICES ON BOARS. Poland China fall boars—Iowa breeding. Good individuals, priced low to make room. Rock Island and Burlington shipping points. J. F. Foley, Oronoque, Kan.

12 Spring Boars A Wonder, Corrector, Hadley, Contractor blood. \$15 each if taken soon. Can give pedigree. J. A. LOVETTE, MULLINVILLE, KANSAS.

Sunny Side Poland Chinas Boars, gilts, and weanlings for sale. Satisfaction guaranteed. J. G. BURT, SOLOMON, KANSAS

Poland Chinas with size and quality herd boars King Hadley, Chief Giant and Long Look. Stock for sale at all times. LAMBERT BROS., SMITH CENTER, KAN.

POLAND CHINA BOARS of March farrow for sale. Prominent breeding. Prices will suit. Address Sam Herren, Penokee, Graham Co., Kan.

WE ARE BOOKING ORDERS for pigs by bon boar, King Blain, Jr., the reserve champion King Blue and King Hadley. W. Z. BAKER, RICH HILL, MISSOURI

50 Big Type Poland Chinas Spring farrow. Both sex, pairs not related. Big breeding. C. W. FRANCISCO, INLAND, NEB.

Fall and Spring Boars For Sale 12 November boars; big, stretchy fellows. Smooth and all right at \$25 and \$30 each. 25 spring boars sired by Sterling by Brookside by Major Hadley and out of sows good enough for anybody's herd. Write your wants. A. L. Albright, Waterville, Kan.

BECKER'S Poland Chinas 65 early spring pigs from large even litters, descendants of A Wonder, Big Hadley and Progression. Price and pigs will both please you. Pairs and trios at reduced prices. Satisfaction guaranteed. J. H. BECKER, NEWTON, KANSAS.

Elmo Valley Big Type Polands I am ready to make you prices on pigs of both sexes. March farrow. The 700 and 800 pound kind. Everything immune. Satisfaction guaranteed. J. J. HARTMAN, Elmo, Dickinson County, Kan.

Big Orange Again and Gritters Surprise Early spring boars. Herd header material at reasonable prices. Write for descriptions, breeding and prices. A. J. SWINGLE, LEONARDVILLE, KAN.

Health Certificate. Pedigree and a guarantee accompanies each sale of Poland Chinas from the Hatlelea Poland China herd. Get our prices. Please mention this paper. J. L. SLATER & SONS, WEST POINT, ILLINOIS.

EVERGREEN HERD HAS 80 HEAD We are offering 80 head extra fine Big Type Poland China pigs and a few sows to farrow in Sept. Pigs are by Mo's Mastodon Wonder \$1477, Looks Hadley 69109, Great Look 47659 and Capital 53354. Write for prices. E. E. Carver & Sons, Guilford, Mo.

THE KIND YOU WANT PLEASES Our big bone Poland Chinas will do the work. 100 spring pigs to select from. Get our prices. CHARLIE S. GERMAN, Box H, HENRY, ILLS.

KLEIN'S BIG POLANDS Boars and Gilts, spring farrow at attractive prices. Can furnish them not related. I guarantee satisfaction. L. E. KLEIN, Zeandale, Kan.

King of Kansas March boars. Out of my best mature sows. Write for prices and descriptions. Satisfaction guaranteed. J. L. Griffiths, Riley, Kan.

LARGE TYPE POLANDS A few big strictly fall boars by Orphan Chief and out of Knox All Hadley and A Wonder's Equal dams. Also a few extra good gilts bred for September farrow. Must go soon. Write today. A. R. ENOS, RAMONA, KANSAS

70 MARCH AND APRIL BOARS AND GILTS No public sales. Everything at private sale. Write for descriptions and prices. Satisfaction guaranteed. JOE SCHNEIDER, NORTONVILLE, KAN.

Poland China Bred Gilts 15 September gilts bred for September farrow for sale. Also a few choice boars of same age. Popular big type breeding. Gilts \$25 to \$35. Boars \$20 to \$25. JAS. ARKELL, Route 4, JUNCTION CITY, KANSAS

MT. TABOR HERD POLANDS I am offering the tops of my 150 spring pigs by four different boars at attractive prices. Write for prices on one or as many as you want. J. D. WILFOUNG, ZEANDALE, KANSAS.

HIGGINS' BIG SMOOTH POLANDS We have bred and developed more noted boars than any other Nebraska breeder. 90 pigs either sex, March farrow, by Shattucks Sampson and out of sows by Sensation and Arrow, with Blue Valley Expedition crosses. J. R. HIGGINS & SON, DE WITT, NEBR.

POLAND CHINAS.

SHEEHY'S BIG POLAND CHINAS 15 good big fall boars. Some good sows and gilts, bred. 100 head of spring shoats. ED SHEEHY, HUME, MO.

45 Poland Boars Blue Valley 2nd, Taxpayer and A Wonder blood. Early farrow. No culls. G. A. Wiebe, Beatrice, Neb.

Model Wonder Sept. Boars 12 September boars, sired by Model Wonder, out of big mature dams. Great values at \$20 to \$25, with two or three at \$35. Write now for further information. O. R. STRAUSS, MILFORD, KANSAS.

Alfred Carlson's Spotted Polands Original Big Boned Spotted Polands. 100 spring pigs. I am ready to book orders. Bred sow sale February 24. ALFRED CARLSON, Cleburne, Kan.

Poland Chinas that Please Fall and spring boars, fit to head herds, also sows of all ages. Prices right. Write us your wants. F. L. WARE & SON, PAOLA, KANSAS.

Big Type Poland Chinas Long, smooth and heavy boned spring boars and gilts of March and April farrow. Prices very reasonable. Write your wants. JAS. E. TARR, R. R. No. 3, Augusta, Ill.

Liberty Hill Poland Chinas Herd headed by Improvement and Gunfire Meddler. Herd sows large, broody, prolific. Choice spring pigs, herd header and brood sow material for sale. Also Scotch Collies. I guarantee satisfaction. BEN FRANK, JEFFERSON CITY, MISSOURI.

PRIVATE SALE 95 Feb., March and April pigs at private sale. Satisfaction guaranteed. No public sales. Big type with quality. Write for descriptions and prices. JOHN COLEMAN, DENISON, KAN.

Erhart's Big Type POLANDS See the largest hog on exhibition this year. Robidoux 59527, weight 1200 pounds, at Hutchinson, Oklahoma City and Muskogee Fairs. Young stock for sale at all times. A. J. ERHART & SONS, Ness City, Kansas

30 Extra Choice March Boars (PRIVATE SALE) I bought top sows in three states last winter and these boars are from popular sires and dams. They are extra choice individuals. Prices reasonable. E. E. MERTEN, CLAY CENTER, KAN.

DUROC-JERSEYS.

Duroc-Jersey Hogs Richly bred Duroc-Jerseys, selected from the tops of two of the best herds in Illinois, may be bought at very reasonable prices from IRA DODSON & SON, ALEDO, ILLINOIS

ASH GROVE DUROCS Bred gilts for September and October farrow. Spring boar pigs; the big, thrifty kind and good enough for any herd. Priced right and guaranteed. Paul Sweeney, Bucklin, Kan.

SIZE and QUALITY DUROCS A choice lot of spring pigs. Pairs, trios, and young herds unrelated, also fall gilts. B. & C's Col., Superba, Defender, Perfect Col. and Ohio Chief blood lines. Description guaranteed. John A. Reed, Lyons, Ks.

Axtell's Durocs Herd headed by Tatarax, Jr., by the champion Tatarax, assisted by Graduate Jr., by Graduate Col. Spring pigs, pairs, trios, and young herds at very reasonable prices. Can ship from either Medicine Lodge or Sawyer. D. H. AXTELL, SAWYER, KAN.

17 MARCH BOARS Sired by Wylie's Good Enough, by Good Enough Again King, the grand champion boar last season. Extra values in this offering. Satisfaction guaranteed. A. L. WYLIE & SON, CLAY CENTER, KANSAS.

1000 Pound DUROCS We have the frames for this weight. For years I have bred for size. One hundred spring pigs for sale. Do you want one or more? J. COLLINGWOOD, Kewanee, Ill

GEO. WREATH, Manhattan, Kan. Offers 25 Duroc-Jersey spring pigs of choice breeding and individual merit at private sale. For prices and descriptions address as above.

PLEASANT HOME FARM DUROCS 15 Spring boars sired by the good boar K's Golden Rule 151535 and out of sows by great Duroc boars. One fall boar by K's Wonder. Prices right; come or write GEO. M. KLUSMIRE, HOLTON, KANSAS.

DUROC-JERSEYS.

DUROC-JERSEY—O. I. C.
boars, both breeds of March farrow at \$12.50 to \$20
Satisfaction guaranteed. J. M. Layton, Irving, Kan.

Special Prices for 30 days on Duroc Jersey Spring
pigs. Pairs and trios.
Satisfaction guaranteed. R. C. Watson, Altoona, Kan.

DUROC-JERSEY BOARS AND GILTS
100 head both sex and pairs not related, sired by Van's
Crimson Wonder and Iowa Chief.
GARRETT BROS., STEELE CITY, NEBRASKA

Smith's Durocs
September gilts, by Smith's Graduate, others by Tattler, by
Tattarax, bred for September litters, spring pigs either sex.
Priced reasonably. J. R. SMITH, NEWTON, KANSAS.

Tyson Bros., McAllister, Kansas
The tops of our Duroc Jersey spring crop of
pigs, either sex at \$12.50 to \$15.00 each. 12 Sept.
gilts at \$20 to \$25 each. Address as above.

BARGAINS IN DUROCS
Bred sows and gilts. Good thrifty spring
boars and sow pigs. Our prices will suit you.
C. D. WOOD & SON, ELMDALE, KANSAS

GOOD E. NUFF AGAIN KING 35203
The sensational Grand Champion of Kansas State
Fair 1913 heads our great herd. Sale average March
11, \$62.12. 40 great sows and gilts for sale. Prices
right. W. W. OTEY & SONS, WINFIELD, KANS.
"The men with the guarantee."

IMMUNED DUROC - JERSEYS
Best of breeding. Plenty of size and quality.
Prices right. Sale Oct. 27.
MOSER & FITZWATER, GOFF, KANSAS

Schwab's Duroc - Jersey Hogs
150 head for the season's trade. Both fall and spring
boars and females of all ages. Choice individuals of best
breeding. Also Red Faced Cattle. Prices right.
Geo. W. Schwab, Clay Center, Kan.

November Boar Bargains
12 big stretchy fellows that can't help pleasing
you. Also gilts same age bred to order. Also a
few bred sows. Everything guaranteed.
J. R. JACKSON, KANOPOLIS, KANSAS.

Maplewood Durocs
We are offering trios, two gilts and a boar, early
April farrow at \$45 for the three, not related. Address
Mott & Seaborn, Herington, Kan.

Quivera Herd Durocs
Spring pigs all sold, am now taking
orders for fall pigs which will arrive August
15th to October 1st.
E. G. MUNSELL, Route 4, Herington, Kan.

CAMPBELL'S DUROCS
Fall gilts bred for September litters. Spring pigs—
the handsome, stretchy kind. Ohio Chief, Col. and
Model Top blood lines. Can ship via Rock Island
or Santa Fe. Satisfaction guaranteed.
A. T. CAMPBELL, MARION, KANSAS

Bonnie View Stock Farm
For Sale: March and April boars and gilts by
Tat-A-Walla and Jayhawk Crimson Wonder. Also
10 or 12 choice last October gilts, either bred or open.
SEARLE & COTTLE, BERRYTON, KANSAS

60 Pigs, Private Sale
Sired by Freddy M (1,000 pounds) and Harley, by
Regulator, by Regulator. Good herd boar material.
Address F. M. CLOWE, CIRCLEVILLE, KANSAS

Select Chief — Col. Harris
150 February, March and April boars and gilts by
above boars at private sale. All are immune. Prices
reasonable. See our herd at the fairs this fall.
THOMPSON BROS., GARRISON, KANSAS

TATARRAX HERD DUROCS
No bred sows or gilts to spare. Special prices on
spring pigs. Pairs, trios and young herds with male
to mate. Everything immunized by double treatment.
Write today. BUSKIRK & NEWTON, Newton, Kan.

BRED GILTS

Yearling gilts, growing and thrifty, bred
for late summer and early fall farrow, to a
good sire of Col. Chief breeding. Prices reasonable.
HAROLD P. WOOD, Elmdale, Kan.

Immune Fall Boars

Col. and Ohio Chief blood lines. Choice from
large litters, also spring pigs, large and fancy, by an
outstanding son of champion Good E Nuff Again
King. Quick sale prices. G. M. Shepherd, Lyons, Kt.

BANCROFT'S IMMUNE DUROCS

We hold no public sales; nothing but the
best offered as breeding stock. Choice spring
boars, also gilts, open or bred to order for
spring farrow. Customers in 13 states, satisfied.
Describe what you want. We have it.
D. O. BANCROFT, OSBORNE, KANSAS

HILLCREST FARM DUROCS

For sale: Spring pigs, pairs or trios.
Fall gilts open, or bred for September
and early October litters. Boars
for service. One good two year old
herd boar. All immune. Write for
description and prices.

E. N. FARNHAM, Hope, Kans.

Private Boar Sale

Top boars from our 115 March and
April Duroc-Jersey pigs. Nothing but
choice ones priced. Extra size, best of
breeding. Prices reasonable and satisfaction
guaranteed.

HOWELL BROS.

Herkimer, Marshall Co., Kansas.

if properly fitted. We hope our readers will
keep this date in mind. As Mr. Mosely is
one of our good breeders. Early this spring
he had his pigs vaccinated with the simul-
taneous treatment which entitles him to ship
to any of the iron clad states.

Cooper's Dispersal Sale.

W. H. Cooper of Pittsfield, Ill., who will
hold his closing out sale of Poland Chinas,
September 29, writes under a recent date
that his hogs are coming along nicely and
his catalog is printed and ready for distribu-
tion. We wish to emphasize the impor-
tance of being present at this sale if you
want to buy a herd hog, as Mr. Cooper
will sell one of the best sons of Big Orange
we ever saw, and also three pigs by Mr.
Pritchard's A Wonder that will be 1 year
old this fall. He is selling sows of the
same age, out of Marie Wonder, Mollie and
May Price, by Again Price that are classy
and will be an honor to any herd. Mr.
Cooper will sell 75 head in this sale that
are exceedingly richly bred and of that
beautiful finish that is so much desired by
owners of first class herds. Get his catalog.
Remember Pittsfield, Ill., is on the Wabash
railroad just across from Hannibal, Mo.

S. E. Kansas and S. Missouri

BY C. H. HAY.

R. C. Watson of Altoona, can supply
your wants in the Duroc line. No matter
what you want or how many, he can sup-
ply them and you can depend on them be-
ing No. 1 quality. Write him for a com-
plete description and prices. Please don't
forget to mention this paper.

Andrew-Cowley Shorthorn Sale.

Only four more days until this sale. The
largest sale of its kind in southeastern Kan-
sas this season. It is too late to send for
catalogs but plenty of time to arrange to
attend the sale. On another page in this
issue you will see their display ad; read it
over carefully and try to be there.

Pritchard's Prize Winners.

W. O. Pritchard of Walker, Mo., who will
hold a sale with F. L. Martin of the same
address, Friday, October 30, writes under
a recent date that he had just returned
from the fair held at Nevada, where he won
first prize on his young boar, Dorsey's Non-
pariel, by Mammoth Orange, by Big Or-
ange, and he expects to win the first prize
at the Missouri State Fair.

Keisler Farm Berkshires.

It is one thing to read a description of
a hog and quite another thing to see the
hog or the picture of the hog. Keisler
Farms of Perryville, Mo., are carrying a
regular card advertisement in this paper
offering our readers Berkshires for show
and utility purposes. To any interested
reader Mr. A. J. McCauley, the manager of
these farms, will send photograph of the
hog described. This photo will give a
much better idea of the size and conforma-
tion of the hog than can be obtained from
these descriptions. There is only one better
way than seeing the photograph and that
is seeing the animal itself. If you cannot
visit the farm and are interested write for
photograph and description. Please mention
this paper when writing.

Well Bred Shorthorns.

George A. Linn, one of Wilson county's
prominent breeders, will sell a draft of 25
head of registered Shorthorns September 29.
Mr. Linn has been collecting and breeding
this herd for a number of years. He has
always been a firm believer in the best
being the cheapest and has bought nothing
but the top stock for his foundation stock.
At the head of the herd is the good bull
Lincoln Lad (993192) by Engle Lad (266813),
the great bull now at the head of the herd
of Mr. M. J. Roney. The offering will in-
clude 12 fine big cows, either heavy with
calf or with calves at side; five young bulls
of serviceable age; 12 heifers ranging from
6 months to 2 years old; and the herd bull
Lincoln Lad, a fine blocky individual, the
kind that everyone admires. The stock is
on pasture at this writing and will be sold
in just such condition. They are in splen-
did condition for breeding stock, and are
guaranteed absolutely sound, not a three
teated cow offered. On another page you
will find Mr. Linn's ad. The sale will be
held under cover, at his farm just out of
Neodesha, Kan.

Nebraska

BY JESSE R. JOHNSON.

T. A. Gierens, the big Holstein cattle
breeder and exhibitor, announces a public
sale for October 8. About 75 head will be
included in this sale, about half recorded
animals and the others practically pure-
breds, but not eligible to record. Write at
once for catalog, mentioning this paper.

Murry Claims Sale Date.

Charles H. Murry, the big O. I. C. breed-
er of Friend, Neb., authorizes us to claim
February 3 as the date of his annual bred
sow sale. Mr. Murry has one of the best
herds in the country and his offering this
winter will be an unusually strong one. Re-
member the date and watch these columns
for later announcement or file application
any time for catalog. Always mention this
paper when writing.

Duroc Boars and Gilts.

Garrett Brothers, our Duroc-Jersey adver-
tisers at Steele City, Neb., write that they
are all sold out on bred sows and gilts and
now offer 100 of as choice spring boars and
gilts as were ever grown on the farm. They
were sired by Van's Crimson Wonder, son
of Uneeda Crimson Wonder. Some are by
Iowa Chief and pairs can be furnished that
are not related. Garrett Brothers write ac-
curate descriptions and ship nothing but the
very best. Mention this paper when writing.

Kansans Will Like These.

Kansas Poland China breeders will be
delighted with the kind of Poland Chinas
that Beall & Jackson, of Roca, Lancaster
county, Nebraska, breed. Theirs are the
mighty big and perfectly smooth kind. At
the Nebraska State Fair, held last week,
they won first on aged sow and first and
grand champion on senior yearling. This
sow weighed almost 800 pounds. Good
judges pronounced this the best exhibit of
big smooth Polands ever seen at Nebraska
State Fair. This firm will hold a big bred

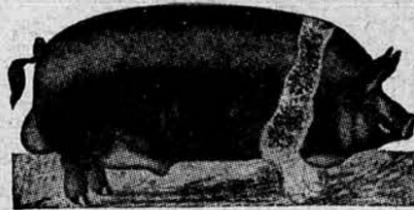
Hampshire Hog Sale

at Medora, Kansas

Wednesday, September 23rd

12 mi. east of Hutchinson, Ks., on Frisco and Rock Island

55
Head



55
Head

25 Spring Gilts. 15 Spring Boars.

11 Sows with Litters at Side. 2 Bred Sows,

1 Yearling Herd Boar. - 1 Aged Herd Boar.

This sale will offer the greatest opportunity to buy Hamp-
shires ever offered in West Central Kansas.

This herd furnished the first Hampshires ever shown at the
Hutchinson State Fair and each year since has taken honors
at this Fair.

Those who want to add to their herds or start the foundation
of a herd of Hampshire hogs will find in this offering, breeding
stock suited to their wants. These hogs are noted for large
litters, easy feeding, quick maturing and rustling qualities and
are growing more popular each year. You will miss a Hamp-
shire opportunity if you are not present sale day. Send your
name today for catalogue. Address

J. F. Price, Medora, Kan.

Auctioneers—John D. Snyder, Jess Langford, R. E. Calbert,
Fieldman—A. B. Hunter.

Both Large and Medium Type Polands—300 Head

Great big, stretchy, spring pigs from mammoth sows, the
kind that have show type and yet with abundance of size. We want to
sell only the kind that will please you and at prices that will make you
buy more.
Write today. Olivier & Sons, Danville, Kan.



GRAND CHAMPION SMUGGLER.

Roy Johnston's Poland Chinas

Tried sows, bred or open; fall yearling gilts, bred or open. Early spring
gilts. Pigs of March and April farrow. Boars of serviceable age. The
quality herd of strictly big type breeding.

ROY JOHNSTON, South Mound, Kansas

ROBINSON'S Mammoth POLAND CHINAS

We offer 100 February, March and April pigs of both sexes for delivery when weaned. Some now
ready. Pairs and trios not akin. They have heavy bone, great length, depth and thickness and show ring
quality. You don't send us a cent until you have received pig, and if not satisfied return pig at our ex-
pense and you are not out a cent. F. P. ROBINSON & CO., MARYVILLE, MO.

DOOLEY'S SPOTTED POLANDS

Eiterville Breeding Farm, home of the old original spotted Poland Chinas. Booking orders now for
spring pigs at weaning time sired by five of the biggest and best spotted boars of the breed. Pairs and
trios not related. Get your order in early as they are going fast. Over 100 head to select from.
EDGAR DOOLEY, EUGENE, MISSOURI

Royal Scion Farm Durocs

The great Graduate Col. and Col. Scion head this herd;
extra choice fall boars by Graduate Col.; also fall gilts
bred for September litters by or bred to him.
G. C. NORMAN, Route 10, WINFIELD, KAN.

Durocs \$12

Early spring boars \$12.00. Gilts \$20.00. Immune. Sired
by "Kansas Ohio Chief," our new herd boar imported last
spring from Ohio. Call and see our hog and poultry
farm. Half section fenced hog tight, with modern
equipment. ROSE COMB RHODE ISLAND REDS.
16 incubators. Winners at American Royal and Kan.
and Okla. State Fairs. R. W. Baldwin, Conway, Kan.

Reds, \$2

BIG TYPE UNPAMPERED BERKSHIRES

150 sows bred to Fair Rival 10th, King's 4th Masterpiece, Truetype, King's Truetype, and the great show
boar King's 10th Masterpiece. All long, large and heavy boned. Sows farrow from August 1st to Decem-
ber 1st. Eighty bred sows and gilts to farrow in June. Open gilts and boars ready for service. Not a poor
back or foot. Every man his money's worth. E. D. KING, BURLINGTON, KANSAS.



HIGH GRADE and REGISTERED HOLSTEINS

OVER 100 HEAD OF COWS, HEIFERS AND BULLS.

The silo and dairy cow are here to stay. There is big money and sure profit
in the dairy farm if you use the right kind of cows. The Holstein has
proven her worth in the North and East and is sure to take the lead in
the southwest. Visitors welcome; call or write today.

Clyde Girod, Towanda, Kansas

BERKSHIRES.

Berkshires Two young show herds, two fall boars, 100 choice individuals to select from, including spring pigs. J. T. BAYER & SONS, Yates Center, Kan.

Hazlewood's Berkshires! A few good bred sows and gilts. Write today. W. O. Hazlewood, Route 8, Wichita, Kan.

Ralph Creighton, Creighton, Mo. Breeder of High Class Berkshires. Bred sows and gilts, and also Spring pigs of both sexes, now for sale, at reasonable prices.

Walnut Breeding Farm BERKSHIRE boars and gilts, spring farrow, grandsons of Barron Duke 5th, Big Crusader and Masterpiece 77000 and out of Lord Premier sows, also an imported bred outstanding 3-year-old boar and a few good Hereford bull calves. Lena Wails, Winfield, Ka.

Private Berkshire Sale 10 Aug. and Sept. boars at \$25 to \$50. 70 March and April pigs by three noted show boars. Dutchess and Imp. Baron Compton dams. Address H. E. CONROY, NORTONVILLE, KAN.

BERKSHIRES for show and utility purposes. Write for prices, describing your wants, and get a photograph of the animal quoted you and thus have some idea of what you are going to get for your money. Klesler Farm, Perryville, Mo.

Special Offering
Sutton Farm
Berkshires
125 head for sale, 10 service boars, 15 bred sows and gilts, 100 fancy spring pigs, at attractive prices. Write today.
SUTTON FARM LAWRENCE KANSAS

MULE FOOT HOGS. Choice young boars ready for service. Spring pigs, either sex; prices reasonable. FREELAND & HILDWEIN, MARION, KAN.

"Mule Footed Hogs" The coming hogs of America. Hardy, good rustlers. Pigs 10 to 16 weeks old \$30 per pair. Circular free. J. B. DICK, LABETTE, KANSAS

ABERDEEN-ANGUS.
ANGUS CATTLE
A select lot of females, bred, for sale. Best breeding and right individually. W. G. Denton, Denton, Kas.
Aberdeen Angus Cattle
DUROC HOGS
Johnson Workman, Russell, Kan.

Aberdeen Angus Cattle
Sutton Farm is now offering 20 yearling heifers with a Blackbird bull. 25 bulls, all registered. These have quality and are priced for quick sale.
SUTTON FARMS, Route 6, LAWRENCE, KANSAS

HEREFORDS.
Bowman's HEREFORDS
635 Head Registered
Perhaps Largest Registered Herd in Kansas
Strong in the blood of such sires as Anxiety 4th, Beau Brummel, Leader, Grove 3d, Don Carlos, Beau Reah, Militant, Lamp-lighter, Acrobat, Dale and other sires of note. Breeding stock for sale at all times. We breed for size with quality.
Public Auction October 23rd and 24th. Send your name early for catalog.
W. L. BOWMAN & CO., Ness City, Kan.

Marshall County HEREFORDS
Ten 2-yr. olds and 23 yrig. heifers for sale. Write for breeding, descriptions and prices.
Potlands: 70 early spring pigs, both sexes at private sale. Big and smooth and priced to sell. S. W. HILLEY, Irving, Kansas

Clover Herd Herefords
Headed by Garfield 4th, by Columbus 53rd. Choice cows from Fankhousr, Sunny Slope, Newman and other noted herds.
FOR SALE—Bulls from 6 to 12 months old, at \$75 to \$100. Also 15 extra good 3-year-old cows, by Garfield 4th, all bred to calve in spring.
F. S. Jackson, Topeka, Kansas

now sale February 1. Watch this paper for further announcement or file application now for catalog.

No Better Jerseys Than These.
J. B. Smith, well known Jersey cattle breeder and showman, formerly of Beatrice, Neb., and now of Platte City, Mo., is out with a fine herd again this year and winning as he always does. At Iowa State Fair he won in the strongest kind of competition against high priced imported stock. He won the prizes for both premier exhibitor and premier breeder, winning more money than any other exhibitor, also the prize for winning the most on stock bred by himself. These winnings were duplicated at Nebraska State Fair, which means that Mr. Smith with his herd, every one but two or three bred by himself, has gone out at the best shows and won over high priced cattle, most of them direct from the island. Mr. Smith has been showing since 1910 and stock from his herd can be found in nearly all western states. Mr. Smith has an announcement in this issue offering 50 cows and heifers and a dozen richly bred bulls from high class dams. He is located just 10 miles east of Leavenworth, Kan.

Schwab's Duroc-Jerseys.
In a letter of recent date asking for change of copy in the Capper Papers from Geo. W. Schwab, Clay Center, Neb., he says that he has had a remarkably good trade in all lines of purebred livestock this season. His sales were especially good in pigs at weaning time. He has made shipments to Montana, Minnesota, Idaho, Colorado, Wyoming, Kansas and different parts of Nebraska. Last week he sent four young females and a young boar to Burley, Idaho. He has just received an inquiry from Denver for 30 bred sows. He expresses himself as being well pleased with the outlook for business. At this time he has about 150 head of Duroc-Jerseys from which to supply the coming season's trade. He has seven fall boars, a good number of spring boars and females of all ages. The herd is in perfect health and the hogs are all in thrifty condition. Mr. Schwab has also had a good trade on his Red Polled cattle and Percheron horses. At this time he has some choice cows and heifers to sell and nine splendid Percheron stallions. He says some of these yearling colts are the growthiest he has ever raised, and that they will make better than ton horses. Everything from the Schwab breeding farm is sold on a strict guarantee. Mr. Schwab is especially anxious to move the Duroc-Jerseys and will make close prices on them. If interested write him and mention this paper.

Publisher's News Notes

Ropp's Calculator.
Ropp's Calculator will give the answer you want almost as quickly as you can tell time by your watch. The Keystone Steel & Wire Co., 829 Industrial St., Peoria, Ill., is sending this great little book free to landowners to help advertise Square Deal fencing. Landowners interested in better fencing should write for the Ropp Calculator and get the Square Deal fence book which explains the method of construction and tells about its special advantages. The company says it is a saving of time and money to put up Square Deal fence; that it takes more time and more labor, and costs more for fence posts when cheap, unreliable fencing is used. More posts must be set to make a satisfactory fence; more time is taken to dig holes, more wire staples are used and the final cost is therefore greater. See ad on page 6.

An Epidemic Safeguard.
The farmers of Kansas have not yet forgotten the epidemic in the fall of 1912. Thousands of horses died in a few weeks. A great many farmers were thanking their "lucky stars" that while their horses were in good health and conditions normal, they had had the good judgment to get some insurance in the old pioneer company, the Indiana & Ohio Livestock Insurance company, of Crawfordville, Ind. Those farmers did not meet with a total loss. They received checks in full payment of their claims, as soon as proper evidence of loss was made to the company. Many owners sought insurance while the epidemic was prevalent. In order to give the farmer protection when he most needed it, this good old company went ahead writing new business and paying losses in such a businesslike manner that it is now known throughout Kansas as "the farmer's friend." Other companies are not strong enough to withstand the ravages of the epidemic and withdrew, refusing to write business when horses were dying by the thousands. We take pleasure in calling our readers' attention to the attractive advertisement of the "Indiana & Ohio," appearing in this issue. It is well worth the time of owners of horses, mules and cattle to consider the placing of insurance on their livestock. While there are no apparent prospects this year of another epidemic, yet a rainy fall will be the most unhealthful for all livestock. The company's policy is liberal in that it covers death from any and all causes. The state agent, O. P. Updegraff, 24 Columbian Bldg., Topeka, Kan., will be glad to answer all inquiries.

What's Doing in Nebraska
BY F. B. NICHOLS.

When the agricultural history of Nebraska is written some day, the writer will date one epoch from the beginning of the alfalfa revival. From the farmers on the loess soil along the Missouri river, where alfalfa does so well that it sometimes grows wild, to the western part of the state, the craze for more alfalfa is the most evident thing. Around Beatrice in Gage county, where the interest in alfalfa has been much aroused by the county agent, O. H. Liebers, and up the Platte valley where the crop does especially well, the craze has reached the acute stage. This interest in alfalfa is the most impressive thing I saw recently, on a three weeks' trip into that state. Nebraska has been somewhat backward

Western Jersey Breeders
Should avail themselves of this splendid opportunity of attending the
Big "Jacoba Irene" "Loretta D"
Sale of 150 Head of Heavy Producing Jerseys Owned by
Parkerdale Farm Company, at Kane, Ill.
(5 miles north of Jerseyville, on C. & A. R. R.)
Wednesday, October 14, 1914
Sale is headed by two of the greatest "Butter Bred" bulls in the world: Loretta D's Champion 72953, and Oonan's Champion Torono 106127.
Loretta D's Champion is the sire of Loretta D's Jacoba Irene, 14 lbs. 14 ozs. butter in 7 days (Register of Merit). Also sire of Loretta D's Champion's Son, sire of 3 Register of Merit daughters. His sire, Merry Maiden's 3d Son, Grand Champion bull at St. Louis World's Fair, 1904, sire of 9 Register of Merit cows. His dam, Loretta D. 141708, Champion butter cow at St. Louis World's Fair, 1904. Butter test 607 lbs. 0.9 ozs. in one year. Register of Merit test.
Oonan's Champion Torono. Bred by C. I. Hood, Lowell, Mass. Sire, Hood Farm Torono, the greatest sire of High Producers the Jersey breed has ever known, sire of 63 Register of Merit Daughters. Dam, Figgis 42d of Hood Farm 214232, Register of Merit test, 513 lbs. butter in one year, a daughter of Hood Farm Pogs 9th 55552, sire of 70 Register of Merit cows, a son of Hood Farm Pogs 40664, and the celebrated Figgis 76106, test 19 lbs. 15 ozs., and a Grand Champion winner at 13 years of age.
There will be a daughter and three granddaughters of the great Jacoba Irene 140443, the Champion "long distance" cow, that made 1121 lbs. 2 ozs. butter in one year.
There will be over 50 cows and heifers in the sale by Loretta D's Champion 72953. Practically all of these granddaughters of Loretta D. will be bred and safe in calf to the CHAMPION BUTTER BLOOD BULL Oonan's Champion Torono 106127, (as described above).
An absolute dispersal of every animal on the farm. No reserve as we are going out of the business. Every animal tuberculin tested and in perfect health.
Sale is represented with daughters of Loretta D's Champion, Oonan's Champion Torono, Hebron's King, Blue Belle's Black Prince, Jacoba Irene's Premier, Rosette's Guenon Lad, Stoke Pogs of Edgewood, Goldworthy, Goldstream, The King's Golden Interest and other noted sires.
Western breeders are especially invited to attend this big sale. Owing to a very severe drought in this particular section, and the middle states, we do not expect to see our cattle bring their worth; and this will be the best opportunity the far western buyers ever had to secure Champion Butter Bred Jerseys at a very low price. Car-load buyers will be able to make good selections in this sale. There will be bargains. Don't fail to write at once for Large Catalogue which will be mailed on request to
B. G. SETTLES, Sales Mgr., Palmyra, Mo.
P. S.—MR. J. F. LEFFLER will sell 60 head of Heavy Producing Jerseys at Callao, Mo., on the 12th. Arrange to attend this sale, and go on to Parkerdale Farm sale on the 14th, and from there on to the Shoemaker-Van Pelt-Mayne Co's Sale, at Waterloo, Ia., on the 16th.

LOOKABAUGH'S SHORTHORNS
High class Hard Bull, close to imported Scotch Dams, and sired by such sires as Lavender Lord by Avondale. Nicely bred young heifers from milking strains. Registered young bulls, the Farmer and Stockman's kind; cows with calf at foot and rebred.
I want to sell during the next six weeks \$10,000 worth of Shorthorns. Six or nine months' time if desired. What we want is your trial order. Young heifers and bulls at \$75, \$100 and up.
This splendid array of Foundation Shorthorns carry the Best Blood of the Best Families and the Most Noted Sires of the Breed.
THE FARMER'S COW The Shorthorn cow is the farmer's cow because she is best adapted to farm needs. She has been bred for milking purposes generation after generation and will furnish milk for her calf with a surplus to spare to make butter for the family, milk for the table and some for the pigs. Her calf has inherited a tendency to supplement this milk diet with the rough and waste feeds of the farm and the sum total for milk and beef in net gain to the farmer is more than is produced by any other than Shorthorns.
CALL ON OR WRITE
H. C. LOOKABAUGH, Watonga, Okla.

Reduction Sale of Shorthorns
Come to Doyle Valley Stock Farm
175 Head of Shorthorns
58 HEAD MUST SELL IN 60 DAYS. Here is the Bargain Counter for the man who expects to start in the Shorthorn business. All kinds of Shorthorn Breeding Stock from which to select—Sows, Heifers and Bulls, cows with calf at side others due to calve soon. Included are grandsons and daughters of such sires as Avondale, Prince Ogden and other noted sires. If you want Shorthorns come now. Write, wire or phone me when to meet you at Peabody either Rock Island or Santa Fe Depot.
Yours for business,
M. S. CONVERSE, Peabody, Kansas

SHORTHORNS.
SHORTHORN BULLS

Fashionably bred young bulls, by Roan King and Refiner, two Wisconsin bred sires and out of milking strain dams. They are the kind that make good for both dairy and beef. Levi Eckhardt, Winfield, Kan.

Shorthorn Bulls

6 bulls from 10 to 14 months old. Also 6 heifers from 1 to 2 years old. Got by pure Scotch sires. A grand lot. Prices reasonable.

L. M. Noffsinger, Osborne, Kan.

Abbotsford Stock Farm

30 years the home of
Scotch and Scotch Topped Shorthorn Cattle

For Sale: 20 bulls, six to 12 months old. Roans and Reds.
Also a nice lot of yearling and two year old heifers. The two year olds are safe with calf. 130 head in the herd. Inspection invited. Address
D. Ballantyne & Son, Herington, Kan.

RED POLLED CATTLE.

FOSTER'S RED POLLED CATTLE Write for prices on breeding cattle.
C. E. FOSTER, R. R. 4, Eldorado, Kansas.

RED POLLED CATTLE

Choice bulls, cows and heifers for sale. Best of breeding. Write or better come and see
CHARLES MORRISON & SON, Phillipsburg, Kan.

RED POLLED CATTLE

12 head of cows and heifers ranging from yearlings to mature cows. Priced from \$100 to \$150 and cheap at the figures. Come and see them soon. Address
I. W. Poulton, Medora, Kan.

POLLED DURHAMS.

Sleepy Hollow Polled Durham Cattle

12 good bulls coming 1 year old, bred cows and heifers for sale. Also a number of good jacks. C. M. HOWARD, Hammond, Kansas.

DAIRY CATTLE.

HOLSTEIN BULLS Registered, ready for service; also springing high grade heifers for sale.
Springdale Stock Ranch, Concordia, Kan.

Holstein-Friesian Bulls

Very attractive prices on a registered herd bull, two years old and on younger registered bull calves for next few weeks. One a son of 50 lb. cow and her grand dam a 101 lb. cow. HIGGINBOTHAM BROS., ROSSVILLE, KANSAS.

SMITH'S ISLAND BRED JERSEYS

Have won more ribbons than any other Western Herd. 75% Island breeding. 30 cows and heifers, both bred and in milk. 12 bull calves up to yearlings from great dams.
J. B. SMITH, PLATTE CITY, MISSOURI (10 Miles East of Leavenworth)

HIGH GRADE HOLSTEINS

Over 200 head in herd. Special prices on cows and 40 yearling and 2-year-old heifers, sired by Sinit Butter Boy King, whose dam and granddam were 27 lb. cows. 40 miles west of K.C. N. EAGER, R. R. No. 8, Lawrence, Kansas

HOLSTEINS —CHOICE BULL CALVES

H. B. COWLES, TOPEKA, KANSAS.

Rock Brook Holsteins

Registered cows, heifers and bulls. Also a big lot of high grade cows and heifers, both Holsteins and Guernseys. Tuberculin tested. Priced to sell. Car lots a specialty. Rock Brook Farm, Sta. B, Omaha, Neb.

SOMMER--BLADS GUERNSEYS!

TUBERCULIN TESTED.

Headed by Goodwills, Raymond of the Preel, son of Imp. Raymond of the Preel. Grade and registered females for sale, also registered bulls.

ERNEST KENYON, Nortonville, Kansas

Guernseys

Two Choice Guernsey Bulls of Serviceable Age

Sired by the celebrated "MAY ROSE" bull, IMPORTED MAY ROYAL; out of A. R. cows; also choice young cows. Write, or better yet, visit the farm.

Overland Guernsey Farm
Overland Park, Kansas

8 miles from Kansas City on the Strang Electric Line.

in the past in introducing alfalfa, but if the present interest materializes into the acreage that is expected Kansas will have to set its acreage peg forward a few holes if it keeps in the lead as the greatest alfalfa state. There has been a huge increase in the alfalfa acreage this fall, and it is expected that this increase will be almost equaled in the spring, although most Nebraska farmers prefer fall sowing.

I first found this interest in alfalfa near some of the towns around Omaha. The land in this section is almost all of the noted loess formation, and it is very fertile. This soil also is especially well adapted to fruit and truck crops, and the efficient producers of both lines around Omaha are making excellent profits. This is due quite largely I learned, to the remarkably efficient selling organization which handles the production; the Omaha Fruit Growers' association. Under the management of N. H. Nelson this organization has been a vital factor in upbuilding the fruit and truck interests around Omaha, not only in introducing logical selling and packing methods, but also in encouraging better methods of production. It has had just as important a part in the upbuilding of the farming around Omaha as has the Wathena Fruit Growers' association under the management of W. R. Martin in establishing fruit growing on a profitable basis at Wathena, Kan.,—and that is saying quite a good deal.

J. R. Duncan, the secretary of the Nebraska Horticultural society, and I took a little trip up north of Omaha, among the fruit growers. Among others we called on J. J. Smith, who has a fruit farm at Florence. Mr. Smith is a representative of the more progressive farmers of that section. His methods show that the growers of the Middle West can become just as efficient in apple production as the famous growers of the Hood River valley of the Far West.

Mr. Smith believes that only valuable apple varieties should be selected in planting an orchard—his trees consist largely of jonathan and delicious. The open-center system of pruning is used, so the light and air will have a chance to get around the apples well. The apple consumers are more and more coming to demand apples that have good color, and this means that the open-center system must be adopted. If the average brush top tree of Kansas were cleaned out a little there would be a decided improvement in the quality of the fruit, if it also were protected with sprays so it would have a chance to go through a normal development.

Efficient spraying methods are used on the Smith farm; indeed this is the rule around Florence. Apple insects have a hard time of it around that town, for a very large part of the foliage and fruit is made very difficult for them to digest. As a result they become much discouraged with life when quite young—and therefore the Omaha people have a chance to buy the apples at five cents apiece.

The men of Nebraska are much interested in the women's suffrage question. This comes before the voters at the fall election, and most of the leading speakers of the country who favor it are in Nebraska aiding in the fight. Those who favor suffrage probably will win, judging from what the voters in many parts of the state told me, but some complication has come up in the fight that is being made by a society opposed to suffrage for women. This society includes many leading women, and it is spending much money on the campaign. If women's suffrage carries in Nebraska this year state prohibition will come next year.

Livestock farmers in Nebraska are optimistic over the outlook for fall business. Especially do they believe that the trade in the better class of purebred animals will be good this fall.

The cream separator increases the value of the dairy products upon the farm because it makes the skimmilk worth more.

It is almost impossible to restore the flow of milk to the original amount after it is once allowed to run down for lack of food.

By robbing yourself of sleep, you put a mortgage upon your health which nature will foreclose.

"We don't catch typhoid fever—we swallow it."

Linn's Shorthorn Sale

Neodesha, Kansas

Tuesday, September 29, 1914



A GROUP OF GOOD SHORTHORN COWS

25 Head Registered Shorthorns

5 young bulls ready for service, by Lincoln Lad, by Engle Lad. 12 choice heifers ranging from 6 months to two years old. The balance are cows either heavy with calf or with calves by side, as follows: Sycamore Cowslip 2d, by Engle Lad, heavy with calf; Sycamore Martha, by Golden Victor Jr., heavy with calf; Minnie Oak 6th, by Proud Cowslip, heavy with calf; Lula Bell Babe, by Dusky Victor, heavy with calf; Sycamore Matilda, by Victor Maple, heifer calf at side; Lula Belle by Victor 43rd heavy with calf; Day's Beauty, by Briton, heavy with calf; Georgia Martin 3rd, by Wild Eye Prince heavy with calf; Red Matilda 3rd by Lad's Capt. heavy with calf.

Geo. A. Linn, Neodesha, Kan.

C. H. Hay, Fieldman.

Double Attraction

Shorthorn Sale!

September 23, 1914

Valley View Shorthorn Farm

Girard, Crawford Co., Kan.

Conducted by Adam Andrew, of Girard, and Fred Cowley, of Hallowell. The forty head are the best of two breeders' herds and mostly bred by Andrew and Cowley.

One will be able to get stock by Orange Major 264704 (a show bull by Lavender Viceroy 223936 and out of Orange Maid by Master of the Rolls 99463), and Ingle Lad Jr., by Ingle Lad, by Imp. Collynie and out of Sweet Mistletoe by Collynie.

Attractions—Ten yearling bulls by Orange Major and Ingle Lad Jr. (See these bulls if in the market for good ones). One-half of the females are bred to these two bulls, Ingle Lad Jr. and Orange Major. One-half are yearlings and two-year-olds, sold open.

Write for catalog; it is ready. Address

ADAM H. ANDREW, Girard, Kan.

FRED COWLEY, Hallowell, Kan.

THIS PONY FREE!

WE WILL GIVE YOU OR SOME OTHER BOY OR GIRL THIS PONY WITH COMPLETE OUTFIT

"BUTTERCUP"

"BUTTERCUP" is a beautiful black and white spotted Shetland Pony with long silky mane and tail. She is about 8 years old, stands 42 inches high and weighs around 350 pounds. We have already given away 233 ponies to boys and girls who joined our Pony Club and "Buttercup" is just as fine as any of these other 233 beautiful ponies. This is saying a great deal when you consider that we go around to all the big pony farms and pick out the very best ponies we can get for children. "Buttercup" is a gentle and lovable as any pet could be and is thoroughly broken to ride and drive. Hitched up to her nobby little pony cart, with her nickel trimmed harness flashing in the sunlight, she makes the prettiest picture you ever saw. Not only is she pretty, but she can carry along a whole buggy load of happy children at a fast clip—faster than many big horses can. Can you imagine anything you would like to own better than "Buttercup" and her complete outfit? Read this page through carefully and then send us your name and address so we can tell you just how you can get her for your own.



Here's "Buttercup"

THE OUTFIT

LONG with "Buttercup" we send the finest and most complete Pony Outfit that you ever saw: A stylish four-wheeled pony buggy—strong and easy riding (just like the one in the picture) a handsome black nickel trimmed harness and a hand made saddle and Indian horsehair bridle. No matter how rich a child's parents may be they could hardly buy him a better or more complete outfit than the one we send with "Buttercup" to you or some other boy or girl. The horsehair bridle is made especially for us by an old cowboy at Deer Lodge, Montana, and is hand woven out of many colored horsehair—red, black, blue, yellow, green, and white. It is woven into remarkable Indian designs, mounted with fluffy tassels, and the reins end in a real cowboy quirt. You will be the first in your neighborhood to have one of these bridles if you send us your name and get "Buttercup" and the outfit. We had just as soon send this wonderful Pony Outfit to you as to any other boy or girl, but you must send your name and address, right away so we can tell you all about our easy plan. Use the coupon below and mail it now.

Send Us Your Name Today If You Want To Own "Buttercup"

As soon as we hear from you we will tell you how to go ahead and get "BUTTERCUP" for your own. Our wonderful Pony Club is known all over the country because it gives real Shetland Ponies to boys and girls and you can have one of these ponies as well as any other child. Don't let anyone persuade you that you can't get beautiful little "BUTTERCUP" and her outfit because our plan of giving away ponies is different from others. The fact that we have already given away 233 ponies to boys and girls all over the United States, from the state of Vermont to the state of California, several going over 1800 miles from St. Paul, is proof that we give ponies away. The postmaster or banker in your town knows that the Webb Publishing Company of St. Paul, Minnesota established more than 30 years ago, is one of the largest publishing houses in the United States and can afford to give away ponies to advertise its papers. We never heard of one of the 233 children to whom we have already given ponies until they wrote us they wanted a pony and that is why you must send us your name and address at once if you want us to send you "BUTTERCUP" and her dandy outfit.

We Have Given Away 233 Ponies

Here are Pictures of Some of Our 233 Lucky Pony Winners and What They Say About the Ponies we Gave Them



"Roine," Clarence Busick, Adams Co., Indiana

"I live seven miles from Decatur, Ind. I got a pony from The Farmer's Wife Club. My pony's name is 'Roine.' When I go to the gate and whistle 'Roine' will come to me. I drive him to school with my three sisters. The scholars think that is one of the nicest outfits that a boy could have to go to school with. Before The Farmer's Wife gave 'Roine' to me I was absent from school for more than a year because I was sick and it was too far for me to walk. When the doctor heard I had won a pony he said it was one of the finest things I could have for my condition, to be out of doors all the time. This was quite interesting to me, and I am glad to say I am now well again, and the doctor says 'Roine' has done his share in it, and also The Farmer's Wife of St. Paul, Minnesota, who gave him to me."

Clarence F. Busick, Adams County, Indiana, is one of our Lucky Pony Winners, and here is his picture and part of his story.



"Jerry," Cieta Johnson, Douglas Co., Kansas

"I have the dearest little black Shetland pony named 'Jerry' which The Farmer's Wife sent me free all the way from St. Paul up in Minnesota out here to Lawrence, Kans. "When I first started out to get my friends to help me win a pony, I can tell you it was pretty hard work. Some of them laughed at me and made fun of me and said: 'Oh, you can't win a pony.' However, I joined the Pony Club, and now have 'Jerry' as proof that the company did as they agreed. "I took 'Jerry' down to the Douglas County Fair at Lawrence, Kansas, to see if he could win a prize, and he took the first prize of \$6.00 in cash over all the ponies there. When they tied the blue ribbon on 'Jerry' he acted more proud than ever, and how the people in the Grand Stand clapped their hands and cheered."

This is a part of a letter written by Cieta Johnson, Douglas Co., Kans., who is another of our 233 Lucky Pony Winners.



"Sonny," Elmer Hoth, Allamakee Co., Iowa

"I am a little boy 10 years old. I weigh 87 pounds and have light hair and blue eyes. But what I want to tell you about is my pony 'Sonny,' which the Webb Publishing Company, publishers of The Farmer's Wife, gave me. 'Sonny' is the finest pony in these parts and he and his outfit are better than \$500 to me. "I went to the depot to meet my pony the day he came. I could hear him whinnying, but could not see him. Then I saw him in a little crate in the express car. They lifted him down and I took him out of the crate and I was so happy I couldn't talk. "I have lots and lots of good fun with 'Sonny' and no money could buy him. He goes as fast as he can when we go after the cows at night. I am never going to sell him, and 'Sonny' is so good he makes me feel happy all the time."

This is what Elmer Hoth of Allamakee County, Iowa, has to say, because he, too, is one of our 233 Lucky Pony Winners.



"Mac," Ruth Mead, Saline Co., Missouri

"I shall never forget my first drive to town with the Shetland pony which The Farmer's Wife gave me. We hitched 'Mac' to my beautiful little cart, and as we drove through Main Street we attracted as much attention as if we had been a circus parade, for it was the only pony outfit in town. Men, women and children came out and stood all around to look at 'Mac' and pet him, and how proud of him I did feel. "He is so gentle and good natured and will stand with his fore feet on the porch or on a box and let us slide off his back to the ground. I wish every little boy and girl had a pony and cart like mine and had the jolly time I have with 'Mac,' and I hope they will join The Farmer's Wife Pony Club and get a pony half as nice as 'Mac.'"

Ruth Mead, a little girl in Saline County, Mo., still another of our 233 Lucky Pony Winners, writes this and a lot more about the Shetland Pony we gave her.

Notice we print the photographs of these four of our 233 Lucky Pony Winners and the ponies we gave them free which proves that we really do give away live Shetland Ponies. Furthermore we will send you the names of all our 233 Lucky Pony Winners just as soon as we hear from you. Possibly some of these happy children live in your county or a county near you and, if so, you probably know them because our lucky Pony Winners are the best known children in their neighborhoods. However, it doesn't make any difference where you live; if you send us your name and are the lucky child to get "Buttercup" she and her whole outfit will be shipped without one cent of cost to you. If you send us your name the day you read this, we will send you 1000 votes for "Buttercup" and a big surprise that will double your chances of getting a Shetland Pony.

EVERY MEMBER A PRIZE WINNER

Every single child who sends us his name and joins our Pony Club will receive a handsome prize of his own choosing. Besides the Pony Outfit (and the Big Surprise we have for you) we will give Bicycles Diamond Rings, Sewing Machines, Rifles, Cameras, Gold Watches, Flashlights and many other wonderful rewards that you never could get until now. If you become a member of our Pony Club you can't lose. But don't let anybody persuade you that you can't get "Buttercup" because you have the same chance as any other boy or girl.

Address all Letters to
The Farmer's Wife Pony Club
433 Webb Bldg., St. Paul, Minn.

CUT OUT THIS PONY COUPON AND MAIL TODAY

The Farmer's Wife Pony Club—
433 Webb Bldg., St. Paul, Minn.

Please send me pictures of "Buttercup" and names of the 233 ponies you have given away, and also tell me how to take care of Shetland Ponies. I have no pony and want to join the Pony Club and get "Buttercup" for my own.

NAME.....

P. O.

R. F. D. STATE.....

IN THE SADDLE

THIS COUPON IS GOOD FOR 1000 VOTES FOR "BUTTERCUP"

SEND YOUR NAME TODAY

Our ponies are given away so quickly that you will be more sure of getting this one if you sit right down now and send us this coupon with your name and address or send it in a letter (either way will be all right). The work we require you to do to be a full fledged Pony Club Member, eligible to get "Buttercup" is so easy that any child who could drive a pony can do it. We shall write you promptly just as soon as we hear from you.

Address all Letters to
The Farmer's Wife Pony Club
433 Webb Bldg., St. Paul, Minn.