

Twenty Pages

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# *The* FARMERS MAIL AND BREEZE

Vol. 45.

June 26, 1915

No. 26.



Parsifal 24th





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## JUST ABOUT FARMING

The sympathy of the whole country will go out for the farmers of those counties visited by destructive hail storms, last week. This is one of the trials that test the hearts of men and put to the severest strain their faith in the protecting care of Providence. It is to be hoped that the extent of the damage was exaggerated. To see the year's crops destroyed, the payment for a year's work cancelled in a few minutes; to know that the wherewithal for the coming winter's supplies and the summer's bills overdue has been wiped out in one stroke, this is the kind of misfortune that brings to the surface the fine stuff of which Americans are made.

### Accounting

The marketing specialists of the United States Department of Agriculture have devised a complete accounting system and set of 15 forms especially adapted to the business of such elevators. This system and the forms for its installation, which are described in Bulletin 236, "A System of Accounts for Farmers' Co-operative Elevators," was developed after a thorough study of all accounting systems now in use in the grain trade. It also includes suggestions made by a number of elevator managers and grain men throughout the country. Before publication the system recommended and the forms were submitted for careful tests in representative elevators in seven of the grain states. As a result of this practical business use of the forms, the system has been adopted by the Farmers' Union of Kansas, the Grain Dealers' association of Illinois, and the National Council of Grain Dealers' associations.

### Chinch Bugs

During the last few years careful studies have been made, not only by the Kansas Experiment station but also by several other experiment stations, of the fungous disease which attacks the chinch bug. In these investigations the disease was found commonly distributed over the entire bug-infested area, attacking not only the chinch bug but a large number of other species of insects. The results of these studies show that the artificial distribution of this fungous disease amounts to nothing, and even with favorable conditions the artificial introduction will not hasten the action of the fungus. While this disease is apparently everywhere present, it should be stated that the proper climatic conditions must be had in order for it to propagate. These conditions are plenty of moisture and high temperatures. If these favorable conditions are had, the fungus will break out, and if the bugs are abundant it will soon spread among them and sweep them off in great numbers.

### Roughage

A large part of the profit in farming nowadays depends on the utilization of the coarse roughage grown on the farm. The use of the silo is one of the best methods we have of canning or storing this coarse feed and keeping it in the best condition to be converted into salable products by means of livestock. There was a time when livestock was raised and handled for the sole purpose of providing a market for the grain produced. Especially was this true of cattle and hogs. Conditions have changed in these days of high priced grain. Livestock is still an important factor in the operation of every successful farm but it is used more to consume the coarse feeds raised as by-products of the grain and to keep up the fertility of the land than simply to provide a market for the grain.

It has been stated that there is no farming operation which so much resembles depositing money in a bank as putting feed in a silo. It is no uncommon sight in traveling over Kansas every spring to see thousands of tons of feed being burned or otherwise wasted. The loss from deterioration and damage from dust and sand during the winter when the fodder is cut and cured in the field is just as great. The total

loss from this source, and burned straw stacks, probably amounts to more than 20 million dollars every year. If this wasted feed were utilized it would go a long way toward paying the taxes, reducing the grocery bill, and saving the bank account.

### Legumes

Perhaps the most obvious fact in crop growing is that a great increase is needed in the acreage of alfalfa in Kansas. This is true on almost every farm—there are few places that have a maximum profitable acreage of this legume. And there is going to be a great increase next fall in the alfalfa acreage, if the conditions are at all favorable at seeding time. Farmers are planning this increase in almost every community. This is a decidedly encouraging thing, for it will aid both in increasing the profits and in conserving the soil fertility.

### Wheat

The acreage of wheat should be reduced greatly in Kansas, especially in the wheat belt, and more of the land used for sorghum crops and the legumes. This will make it possible to give more attention to the preparation of the land planted to wheat, and thus the yields and profits will be increased. As the Farmers Mail and Breeze showed in the issue of May 29, a difference of more than 30 bushels an acre in wheat yields has been obtained on the agronomy farm of the Kansas Experiment station at Manhattan by a variation in the seedbed preparation. This indicates the vital need for care along this line.

Wheat land should be plowed or listed deeply just as early in the season as possible. If the acreage is large, so it is not possible to get over all of it soon after harvest, which usually is the case, it should be disked just as soon as possible. This disking will aid in moisture conservation and plant food formation, and more than this it will help in destroying insects, especially the Hessian fly. If all the wheat fields of Kansas had been handled in this way last year there would not have been the damage from Hessian fly which occurred this season.

### Farmers' Clubs

One of the well established facts is that the development of a community must come from within. Outside agencies may give the start but the people of the community must supply the constant energy needed in carrying on the development.

Farmers' clubs are one of the most effective agencies in developing a community. There were but few of them until the county agents began their work. They not only started the farmers' clubs but kept in touch with them, giving suggestions and aiding in arranging and providing programs.

These farmers' clubs are enlisting the people of the community in improvement work of the most vital kind. It is social, educational and economic, in a way bringing back the social life that used to be supplied in the husking bee, the barn raising, the singing school and the spelling school; educational, in that most of the numbers of the program are on farm, home and kindred topics, and economic, in that the members of the club are coming to see that the farm products are worth more when a considerable quantity of uniformly high quality is produced in the community, which means community planning in production. This is one of the most effective means of increasing the returns.

### Drainage

Once more has the vital need of better drainage been demonstrated in Kansas. This is true not only on the fields, where a great increase in the use of tiles is to be encouraged, but it also is true with the streams. It will be profitable in reducing flood damage, to clear out and straighten the channels of most of the creeks and rivers in this state.

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# THE FARMERS MAIL AND BREEZE

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## Quick Crops

### There Still Is Plenty of Time to Grow the More Drouth Resistant Plants

By F. B. Nichols, Field Editor

A LARGE acreage of quick maturing crops is needed this year in Kansas. Continued rains have interfered with the planting plan on many farms, until it is now too late for the best results from some lines, corn for example. This makes it necessary to sow the unoccupied land to crops that will grow rapidly, and mature properly before frost. The principal aim in selecting crops for this purpose is to get those which will produce feed of the highest acre value in the limited growing period that remains.

There are many crops that may still be planted in time to give an ample opportunity for maturity before frost. Feterita, milo, cane and kafir are among the more important of the quick maturing crops, and of these feterita and milo are especially valuable. While you are considering this question don't forget cowpeas, which can be depended on to make a quick, profitable maturity in central and eastern Kansas in an average year. A big increase in the acreage of this legume is needed.

Much of the late sowing of these feed crops will be on land that has been planted to some other crop—corn perhaps. When this is the case there frequently is a considerable question, if there is a fair stand of corn and the weeds are bad, as to whether it will pay to replant the field or to fight it out with the weeds. In many fields it will pay to replant, especially in eastern Kansas, where the weeds have had a very good chance this year. There are many farms, too, on which there is no question; the crop has either been drowned out or choked out by the weeds, and replanting is absolutely necessary.

Some of this land which will be planted to quick maturing crops is in bad physical condition. A great deal of it was worked when it had too much moisture. If a drouth should come in July and August the crops probably would suffer more than usual. Feterita, because of its extreme drouth resistance, is especially valuable on such soil. It also can be expected to mature much

sooner than kafir, and perhaps a week or 10 days ahead of milo. Another thing that will increase the acreage of feterita in Kansas this year is that there is a great deal of seed available at a reasonable price. In addition to the supply that can be purchased through the ordinary commercial channels there are farmers in most communities who have seed of this crop for sale. Feterita has become very popular in many sections of Kansas, Wilson county for example, since it made its remarkable record for drouth resistance in 1913. A considerable acreage of this crop was grown last year,

true that the price of the seed is rather high, as usual, but this should not prohibit the planting of a more extensive acreage. Cowpeas can be depended on to produce a reasonably large crop of especially good feed in most sections of eastern and central Kansas in a normal year, and in addition to make it possible, by taking atmospheric nitrogen from the air, to greatly increase the yields of the following crops.

The preparing of the soil for these late planted crops frequently is a complex business. In general the fields are badly infested with weeds, which will greatly damage the following crops un-

Lafontaine has had especially favorable results. In telling of its chemical content, Dr. Charles K. Frances, chemist of the Oklahoma Agricultural Experiment station, says:

"Feterita is much softer than kafir and for this reason probably is much easier and more completely digested. 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."

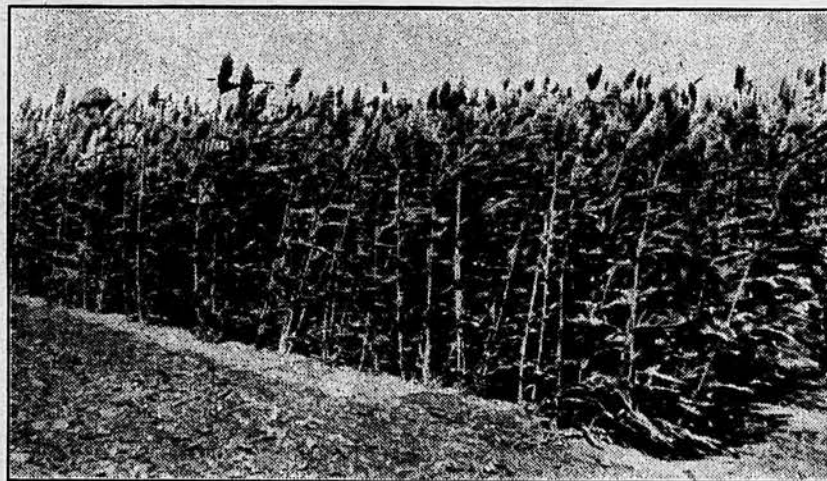
All the seed of sorghums sown in this state should be treated for kernel smut. This is a disease that causes great damage some years, and some loss with the untreated seed is to be expected every year. The damage may be almost eliminated by soaking the seed for an hour in a formalin solution. This solution is made by placing 1 pound of 40 per cent formalin in 30 gallons of water.

The amount of seed to the acre for these crops depends, as George K. Helder of the Hays Experiment station has said, on the vitality of the seed, the locality in which it is planted and the purpose for which it is grown. For example, in western Kansas where good kafir seed is planted for grain production from 3 to 4 pounds is ample, and farther east where the crop is grown for silage twice as much seed as this may be used, and in some cases even more. If one is undecided about the rate of planting he should find out if possible what the different rates of seeding have done on nearby farms under his own soil conditions.

Many interesting letters have been received from farmers recently about the planting of late sown crops. Almost all of these tell of good results with milo and feterita. A letter from G. M. Routh of Salem, Mo., says:

"If I lose my stand of corn I shall plant milo and feterita. Last year I had 12 acres of low, wet land in corn, and as fast as the corn came up the wire worms cut it down. I replanted twice and still had no corn. Then with the lister I went over every row planting milo where there was not enough corn to pay me to leave it. The worms kept busy. I replanted the milo once. After July 4 I replanted 3 acres to milo and

(Continued on Page 15.)



A Field of Late Planted Feterita in Eastern Kansas. This Crop Has Ability To Resist Dry Weather and Hot Winds.

and it probably will be larger this year. For planting under normal conditions in eastern Kansas there is no special reason for one to become abnormally excited about the value of this crop above that of the other leading drouth resistant crops for that section, but it does have a special value for late planting.

Don't forget cowpeas when considering the crops for late sowing. It is

less they are killed. The crops that are listed will have the weeds killed in the rows at least, and then if the seed makes a prompt start they will have an equal chance with the weeds which germinate later. These weeds can be depended on to get started with great promptness. No matter what method is used it is highly important that the field should be freed from weeds.

In planting these late sown crops the question comes up as to just how late the planting can be made safely. This date varies considerably from year to year, depending on the growing conditions and on the date of the first killing frost. In general it is safe to plant crops like milo and feterita well up into July, although the quicker they are planted the better chance there is for a profitable crop. Feterita usually needs 90 days or more for maturity—depending largely on the moisture conditions—and more time must be allowed for most of the kafirs. Some crops have a very quick maturity; Freed's sorghum for example, which is especially well adapted to the conditions in northwestern Kansas, frequently matures in from 65 to 70 days.

Some farmers have feared to plant feterita because of a lack of knowledge concerning its feeding value. In general most of the farmers in Kansas who have tried the crop have been well pleased with it as a feed. H. M. Hill of



Cowpeas and Kafir, Two Valuable Quick Maturing Plants for Use on the Fields Where the Crops Must Be Replanted.



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## Passing Comment--By T. A. McNeal

### Concrete Roads and Transportation

I was talking, a few days ago, with a county engineer whose business it is to lay out and assist in the grading and making of roads. His estimate of the cost of building first class concrete roads was that it could be done for about 75 cents a square yard. Increasing this estimate 5 cents a square yard and estimating the width of the road at 21 feet, the cost a mile not counting bridges, would be approximately \$9,000 a mile. As there are a great many miles of road that require no bridges it is probable that \$1,000 a mile on the average would be sufficient to provide for bridges, making the total cost including bridges, \$10,000 a mile.

We are at present expending on our army and navy approximately 250 million dollars a year. According to frenzied militarists, with whom I am inclined to agree on this point, the army and navy would afford little if any protection in case of war with any first class power. As we have no need for either army or navy except in case of war and as our military experts tell us that what we have would avail us nothing in event of war, then the wise thing to do is to abolish both and expend the money for some useful purpose.

The distance from New York to the Pacific ocean is approximately 3,500 miles. The amount expended annually on the army and navy would construct 71 concrete highways costing an average of \$10,000 a mile from the Atlantic to the Pacific. In ten years if an amount equal to that expended on the army and navy were used in building concrete highways there would be a perfect boulevard spanning the continent from ocean to ocean every 18 miles.

Of course it would not be expected that such a road would be built from ocean to ocean every 18 miles. The roads would be built so as to enable persons to reach the nearest market places most easily. In perhaps one-third of the country it would be unnecessary and impracticable to build roads, while in other sparsely settled localities, few roads are needed.

Heretofore I have mentioned the possibilities to the farmers in the way of transportation. Consultation with those familiar with the cost of building and operating motor trucks confirms my previous estimates. With a proper system of motor trucks and well built concrete roads most of the products of the farm could be transported to market for half or less than half of the present cost.

Estimating that there will be 100 million bushels of wheat to be hauled to market this season, the saving to the farmers of the state, if there were a complete system of concrete highways, would be not less than 5 million dollars in the cost of transportation of wheat alone. The general government should proceed to the building of a vast system of concrete highways. The material and labor should be paid for with non-interest-bearing treasury notes made a full legal tender in payment of debts, public and private, and receivable for all dues to the government, to be cancelled as fast as returned to the treasury. In order to obtain the revenue necessary to meet the increased expenditure—for the government should expend a billion dollars a year in constructing this system of national highways—the income tax should be increased greatly.

All incomes of \$1,500 and over should be taxed, the rate of tax increasing in proportion to the size of the income until in the case of incomes of more than \$100,000 the government should take practically all of it—that is, all in excess of the \$100,000. All state automobile taxes should be abolished under such a system but a reasonable tax should be levied by the government on all motor trucks, automobiles and motorcycles.

There probably are about 5 million automobiles, motor trucks and motorcycles in the United States. With a complete system of concrete highways the number soon would be quadrupled. If an average tax of \$5 a year were laid on the number that would be in use then the revenue from that source alone would amount to a hundred million dollars a year, or sufficient to build 10,000 miles of road.

Here would be something worth while. The building of these roads would afford labor at good wages for all the unemployed. New trade centers would spring up over the entire country. Factories would be brought to the raw material instead of transporting the raw material long distances to congested centers to be manufactured and then shipping the

manufactured product long distances back to the place of original production.

Our present system of transportation is built on a wrong economic theory and must therefore give way to a more sensible and less expensive system. The building of a system of perfectly constructed concrete roads would do away with the most common and the most valid objection, in fact the only objection to government ownership of railroads. There would not be an army of salaried employees as would be the case with government ownership of railroads. The people would do their own transporting over these public highways and a large number of high salaried railroad officials would be compelled to hunt other occupations.

### Speaking of High Salaries

The railroad magnates are shedding tears these days on account of what they call the unfair treatment given them. The general public for some reason objects to piling up an additional burden of several hundred million dollars a year in the way of increased freight rates and passenger fares. The railroad magnates insist that this objection of the general public is the most unreasonable. So far however, there has not been noticed any disposition to reduce the salaries of high officials in the railroad business.

For a good while the Rock Island has been in hard lines. It even has been hinted strongly that the road was looted by financial pirates and this has been given as a reason for its distressed condition. But the road is now in the hands of receivers. It must be said that very competent men have been selected to act as receivers. Our own Henry Mudge is one, and the people of Kansas believe that Henry Mudge is as competent a railroad man as there is in the United States.

I observe that the court has fixed the salaries of these receivers at \$3,000 a month. In view of the fact that the road is bankrupt and the widows and orphans who are so touchingly referred to by the railroad magnates as the purchasers of railroad stocks, are not likely to get any dividends for some time to come, it does look to one in the branches of a tree where he has a birdseye view of the situation, that \$3,000 a month is a good deal to pay for managing the estate of a bankrupt.

I have observed a unanimous reluctance on the part of those who draw fat salaries to take less. Generally they talk as if they were not getting anywhere nearly what their services are worth. At the same time they are apt to express considerable impatience with the people who are drawing down very moderate salaries, say \$40 or \$50 a month, because they express a desire to have their wages increased.

### Down on the Drug Law

An indignant subscriber at Delphos, Kan., pours out his wrath on the new law preventing the sale of drugs without a physician's prescription. He says in part, "I for one have a right to have a weapon to slay a rabid dog or a venomous reptile and to be deprived of the privilege of keeping drugs to destroy serious pains such as inflammation or pleurisy or any other serious disease is wicked and unjust. It is as bad as stealing little children from their parents."

"I have used laudanum 50 or 60 years. So has my lady and so did her father before her and so did my mother before me. They both were born in 1816 and lived until recently. My lady and I have had several attacks of these diseases but have had these remedies in the house and saved ourselves a doctor bill and maybe saved our lives and we have as much right to live as anyone else."

"It looks to me like a scheme of these doctors to get the government to pass a law that will give them a better chance to graft. These doctors are a worse graft on the people than the saloons were and the law of the country upholds them in their grafting. I do not know how long the people will stand for this but I think there will be a day of reckoning."

The writer is dissatisfied also with our road laws. He says, "I always had the idea that we had good roads originally but I find where I have been used to traveling in dry weather they are so dusty that it makes them disagreeable and in a wet time they are horrid. I have said that the less they are cul-

tivated the better the roads will be. Some will dispute this, but that is nothing for Kansas, for there have been enough lies told about the state to sink a whole nation."

### Here's a Hopeful View

Writing from Thackerville, Okla., W. M. Turner, takes a hopeful view of the world in spite of the present war. He calls to mind the historic fact that only a few centuries ago the insane were supposed to be possessed of devils and imprisoned and tortured.

Mr. Turner also is inclined to defend the devil to some extent. It is his opinion that there has been an effort to lay some things on the devil that he is not to blame for. The present war is due to the inherent hellishness of some rulers in Europe, as Mr. Turner believes, but their sins should not be shouldered onto the devil.

"In the remote past," says Mr. Turner, "superstition was much more common than now. Then belief in ghosts was common, now only the ignorant few believe in ghosts. The manner of teaching is the paramount cause of war. Just so long as loyalty of the garden variety is taught in the schools and colleges nations will envy other nations and the result of this envy will be bloodshed. The people are growing broader in their views and more tolerant and this must lead to a better future."

"Cheer up. Give man a chance to redeem himself and as for the devil, give him a rest. Monarchs are going to fade, which speaks well for the progress of man. Teach our youth international patriotism and the foolishness of war and that crime will cease. Socialism may do some good along that line."

### Would We Sell Our Liberty?

Editor The Farmers Mail and Breeze—I have been reading the Farmers Mail and Breeze with great interest. The sound reasoning and just presentation of the pending questions regarding the war in Europe echo my sentiment. If a man break into another man's house he probably will find resistance from the man who owns the house.

Germany has been preparing for this trouble since 1870. The great war indemnity France paid was used for armament and a quick, crushing blow was planned to annihilate France and afterward to strike England across the Channel. Belgium stood in the road. The short cut was frustrated by the Belgian resistance to this criminal proceeding.

History will record the judgment passed by the whole world on this barbarous invasion. Think of it! A people having done nothing to offend the aggressor but happening to be in the way of this terrible foe who wreaked vengeance upon them, simply because they spoiled the crushing blow intended for their neighbor!

I am a native of Switzerland, born in 1836. I came to the United States in 1867. You see that I am close to the end of my journey but I still take a keen interest in the world's progress. Never did I think such atrocious cruelty would be possible in this pretended enlightened Twentieth century. I am a lover of freedom. Will it be possible for the people of the earth to live in peace together? What have all the teachings of the centuries to show in the way of doing away with such savagery which makes the beasts of the jungle seem tame by comparison?

Is there any truth in the report that German capitalists want to negotiate for the purchase of the Bethlehem steel plants, the Remington arm factories and close them? This would be selling our liberty and giving control of our government to a power that tries to crush everything which happens to arouse its temper. Such a movement should be resisted by all the people. All minerals should be national property and never sold to private persons. Before allowing these plants to go to foreign capitalists the government should buy them at any price or forbid non-residents to own them. I wish to hear something about this matter.

Ludell, Kan. JACOB MILLER.  
 I of course know nothing more about the effort of Germany to purchase these plants than the rumor spoken of. Personally I have not considered that anything like that is likely to come about.

### Another Opinion

Frank E. Miller, who lives at Abbeyville, Kan., is a very strong sympathizer with Germany and of course differs radically from Jacob Miller. Frank is especially hostile toward England, as most German sympathizers are.

"The common people of England," says Mr. Miller, "live in constant dread of having either to go to the poorhouse or starve to death," and continuing he says, "Here are the plans of the allies: The war shall be continued until Germany and Austria are forced to accept whatever terms will be given them. Each of the four great powers is pledged to continue



the war until it is abandoned by unanimous consent of the four. There shall be no arbitration by Holland, the United States or other neutral powers but the four allies shall dictate the terms of peace.

"There shall be three classes of nations established in Europe. Class A shall consist of Great Britain, Russia, France and Italy. Class B shall consist of Belgium, Holland, Servia, Spain, Portugal, Switzerland, Roumania, Greece and Bulgaria. Class C shall consist of Bohemia, Poland, Bavaria, Hungary and the other minor states into which by racial affinities the German and Austrian empires shall be split.

"The English are trying to rule the world. The favorite old expression, 'The sun never sets on England's dominions,' is true but we must stop and think how this comes to be. England picks at every little nation with the hope of conquering it. That wouldn't be so bad if England would do it alone, but instead of that she gets people of all sorts and colors to help her and in the present European war they are trying to drag every nation into the conflict."

Mr. Miller concludes his letter by stating that he does not wish to hurt my feelings. While I am grateful for the consideration he need not worry any about my feelings. I most freely accord to every man the right to think as he pleases.

### A Single Taxer's Views

Editor The Farmers Mail and Breeze—I read with much interest your argument against the single tax in connection with George Hughes's argument in its favor. At first reading it sounds conclusive but when we get under the surface it is faulty. In the first place the overhead charges upon the 10-story building are more in proportion to the investment than those upon the four-story building. It also is true that the depreciation is proportionately greater, so that at the end of 50 or 100 years when those buildings become obsolete you will find that the net income from the small building is as much as that from the large building, all else being equal; so the burden of taxation will be equalized indirectly.

You say you believe those most able to pay should pay most in support of the government. That is justifiable under our present system of taxation but is wrong in principle and will not be necessary under a just system.

I hope that your red headed friend eventually will convert you to a belief in the justness of the single tax. The single tax will not come until the farmers are for it—and you have the ear of the farmers.

ROBERT TAYLOR.

Kansas.  
If a man's assumptions are taken for granted it is easy for him to win an argument. Mr. Taylor assumes for example, that the overhead charges on a 10-story building are greater in proportion to the cost than on a four-story building. He does not say why and I apprehend that he would have great difficulty in proving anything of the kind.

The cost of heating a four-story building probably would be greater proportionately than the cost of heating a 10-story building. A four-story building would require an elevator. The 10-story building might require two elevators but they would serve at least two and a half times as many people as the elevator in the four-story building. If it were true that a four-story building would pay a better rate on the investment than a 10-story building then the 10-story building would not be built.

Mr. Taylor thinks that the principle that those most able to pay should pay most for the support of government, is wrong. In this view he will have the most cordial support of the millionaires in this country, who insist that somebody else should pay their taxes and, it may be said, they very generally manage to accomplish their desire.

### And Here Is Another

Editor The Farmers Mail and Breeze—In your issue of April 17 you say, "I never have been able to see all the beauties in the single tax theory that seem to be entirely evident to its enthusiastic supporters." Again in your issue of May 8, commenting on a contribution by P. E. C., of Ottawa, which, among other things, states that the farmer produces what the population of the world eats and wears, you assume that P. E. C. must be a single taxer.

Now one of two things is evident to one who has read the works of Henry George. Either you have been misinformed sadly in regard to the theory of single tax, or by attributing absurd and irrational ideas to its advocates, as also some of our leading dailies do, you covertly try to prejudice the uninformed against it. I think it up to you to square yourself with your single tax subscribers.

TAYLOR STORM.

Edna, Kan.

I have no desire to prejudice any reader against the single tax theory nor have I the slightest conception of what Mr. Storm is driving at. He is evidently conversing through his head covering.

### Sympathizes With Germany

Editor The Farmers Mail and Breeze—I have read with much interest your articles in "Passing Comment" on the war in Europe. While you want to be just and fair and impartial you are another glaring example of the fallibility of great men. You boldly denounce Germany and defend the allies.

If there is any German blood in me I do not know it. My mother's people all came from the British Isles and my father had an Irish name and I suppose is of Irish extraction. Yet from the beginning of this struggle I have sympathized with the Germans. Most people with whom I have talked are against the Germans; most of the papers I have read are rather against than for the Germans; but knowing the German people and the history of the German nation as I do, I am constrained to believe that for brain and brawn and for all the essentials that go to make up a higher civilization, the German people are the greatest the world ever has produced.

The English are a great people. I think I had better change the tense of that and say they were

a great people. The factory system, the idleness and dissipation of the so-called upper class, and the use of alcoholic drinks by all classes have started the people of the British Isles well down on the toboggan slide of degeneracy. The British soldier is no match for the German, man for man. The German by his good sense, his industry, his patience and persistence outstripped the Britisher in the arts of peace and he easily can beat him in the arts of war.

But in duplicity and diplomacy the English statesman has the German at a great disadvantage. Insanely jealous of Germany's growing industrial and commercial supremacy which she, Germany, had fairly won by her superior knowledge, skill and industry, England, unable to compete with her great rival, set about to stir up hatred of the Germans among the other nations. She succeeded, and what is the result? All Europe pitted in deadly combat against the peoples of Germany and Austria.

The degenerate Briton, the ignorant, untutored, half barbarous Russian and all the mongrel breeds of southern and southeastern Europe fighting with the bitterness of extermination the purest, most virile and most civilized race of people that this planet ever has been able to evolve.

The fact that the crown prince of Austria was killed and the blame laid to the Servians; the fact that the German emperor is haughty and imperious, (if he be so); the fact that Germany has seen fit to develop militarism in order to protect her unexampled industrial and cultural civilization; the fact that the Lusitania was sunk with some neutrals who had courted death by taking passage on it, are mere incidents. They do not change the greater and all inclusive fact that the greatest race of beings with the greatest civilization that the world has evolved up to the present time is being crushed out by a coalition of peoples whose supremacy in Europe would perhaps turn the horoscope of time back a thousand years. Perhaps I should not have used the word "supremacy" for no nation would be supreme in Europe after the German civilization was annihilated. There is no principle involved on the part of the allies. It is a war for loot. Germany is fighting for racial perpetuity and national existence.

She may make mistakes as in the case of the Lusitania. But if civilization, brawn and brain, virility, patience, persistence, industry, frugality, system, music, art, science, literature, temperance, ideal home life, large families of bright and well developed children, knowing how to feed, clothe, shelter and educate well 67 million people on 208,000 square miles of this planet is right the Germans are right; and the people who are trying to destroy them are wrong; for none of her enemies has accomplished what Germany has in all the lines above mentioned.

In free America and in England where they boast of constitutional liberty we don't like German discipline. We like our "do-as-you-durn-please" methods here and think German government is tyrannical. The fact is there is very much less pauperism and poverty in Germany than in either the United States or Great Britain. The people are happier, better fed, better clothed, better educated, and have more steady employment. If that is tyranny we had better have more of it in this country. In conclusion I will make this declaration or prophecy: If Germany wins and annexes territory, the people who come under her jurisdiction will be fortunate. If the allies win and annex German territory the people who come under their jurisdiction will go from a better to a worse condition. Emperor Bill's tyranny and German militarism is paradise compared with any government that the allies will supply. Not that the allies would necessarily be cruel but there would be some cruelty mixed with a lot of inefficiency and inefficiency breeds poverty, misery, pauperism and crime.

M. P. McNAMEE.

Norman, Okla.

### The Mexican Situation

Editor The Farmers Mail and Breeze—I notice in your Passing Comment that you compare the Mexican situation to the past condition in Cuba and indicate that the same remedy we applied to Cuba would work in Mexico. I never have been in Cuba and have met only a few Cubans in Mexico. A great many Cubans are descendants of Spaniards and negroes while the Mexicans are of mixed Spanish and Indian blood. Mexico never had any negro slaves. I doubt if there is one negro to 100,000 Mexicans. Mexico is a difficult country to govern on account of what I will call "caste" for want of a better name.

The Mexican people are divided into two classes, the aristocrats and the peons. It is hard to understand the situation unless you can speak their language and become familiar with their customs. The first great stumbling block is caste. No gentleman, according to the Mexican idea of honor, can do any physical labor. A Mexican gentleman never works, never raises his hand for anything but to fight. Everything else is below his standard of honor. The peons are the laboring class and do all the work. They are the bees that gather the honey. They support the upper classes.

Honest elections are impossible under the Mexican constitution. Every voter must sign his ballot in order to show that there has been no fraud. After election the successful candidate can arrest, imprison or exile all those who voted against him on the charge that they are unpatriotic citizens conspiring against the government. So you can see that the only safe way for a voter to do is to hide out until the election returns are announced. If his vote was for the right man he goes and asks for a political job, but if he voted for the defeated candidate he had better keep out of sight and leave the country while the leaving is good.

The Socialist idea of confiscating the land and dividing it among the peons is popular. All revolutions are started on that plan. The custom of the past hundred years is supposed to have been to confiscate the property of the opponents of good government, but all the government has left to show is the property taken from the church, such as cathedrals, schools and convents which the government owns now. All other confiscated property the dominant party distributed among its members, that is, among the leaders.

Madero had been in the United States so much that he was imbued with American ideas and did not exile his opponents. Therefore he was denounced as a traitor and violator of the constitution. A Mexican gentleman cannot stand for a bluffer. He has no respect for the United States government or its citizens.

While I was in Mexico I was told that I would be treated well; that the Mexicans were a nice people, but that I must not let them know that I was a citizen of the United States, and that I would better not associate with Americans while in Mexico.

Since my government does not believe in protecting its humble citizens I took the advice and was invited to many Mexican homes. I found the upper class very entertaining and fond of home. They were rather prejudiced against Americans and Eng-

lish. From their point of view they were somewhat justified in feeling that way toward us.

When Diaz was president it was a government of families—that is, each state was governed by an old man, the head of a large family. While I was there the discontent of some of the younger generation began to show itself. Madero started the ball rolling which has brought the avalanche.

A few years ago Mexico was a land of orphans and widows to the extent of one-fourth of the population. Now the proportion must be one-half. Even when times were good you could hear children crying by the hour for something to eat. You could see more needy beggars in half a day than you could see in a lifetime in the United States. What must be the condition after these years of short crops and revolution?

I am not a Catholic but I cannot help speaking a good word for that church. There is no other place on earth where the church has been so persecuted as in Mexico. While Diaz was in power the church got much protection through Mrs. Diaz, who was a good Catholic and much devoted to the church. Since then it has seen nothing but persecution.

The impression that Mexico is not a healthful or productive country is wrong. When properly developed it will outrank California. Fifty kinds of fruit that California never heard of can be raised in Mexico. There is one state in Mexico that could rival Pennsylvania in the production of coal and iron.

It is our duty to go down there and stop the destruction of life and property. It will not be a big task to make the dove of peace rest in Mexico, but we will have to stay there a whole lot longer than we stayed in Cuba in order to accomplish the same results. The lower class is easy to govern. They are not revolutionists by choice. They have been forced into this thing and will quit gladly at the first opportunity.

This revolution business is a great thing for the Mexican politician. He starts with nothing but a six shooter and soon by robbery gets to be a rich man. It will take years to teach him that there are better ways of making a living.

Colony, Kan.

E. C. MEISSNER.

I am thoroughly satisfied that Mr. Meissner in his very interesting letter has the situation sized up correctly in Mexico. The leaders of the revolution do not want peace because they thrive better when the country is in a condition of anarchy.

Much as I have opposed intervention in Mexico except as a very last resort I am satisfied that it must come sooner or later and perhaps the sooner the better. The idle leaders never will bring peace to that stricken land and if one of them should triumph it probably would mean no better conditions for the poor peons who are the only ones entitled either to help or sympathy.

### The Sunday Schools and War

Editor The Farmers Mail and Breeze—Contrary to our usual custom we attended Sunday school one recent Sunday to meet our neighbors at a basket dinner. One topic for consideration brought the discussion down to date. What attitude shall the Sunday school take toward the peace movement? I was interested in the protest against the lessons used at this particular time. It seems that they are a recital of the triumphs of Jehovah's forces as recorded in the Old Testament.

While generally it was recommended that great care be taken in placing the interpretation, one radical, not a church member, advocated refusing to use them. It set me to wondering. The lessons are international. What persons compose the board that selects them? Could it be that they have been chosen with a purpose to influence the public mind in favor of war—to foster the spirit of war in the countries where it exists? Can it be that the Sunday schools have been made an ally of the forces of destruction that enthrall Europe? Is it the old, old story of the church serving the state to the destruction of its citizens? Or is it just the irony of fate?

MRS. SYLVESTER BARINGER.

Westphalia, Kan.

Probably the board which prepares the International Sunday school lessons did not have the purpose in mind suggested by Mrs. Baringer. It is true however, that every bloodthirsty hypocrite who tries to educate the people to believe that they should engage in war, bases his religious argument on the stories of the conquests of the Israelites.

### Exemption From Military Service

Editor The Farmers Mail and Breeze—Do the laws of Kansas prohibit the drafting of young men belonging to the Mennonite church in Kansas into the military service? Why compel the young men of other denominations to perform military service and let the Mennonites go free? Would not this be discriminating?

Peabody, Kan.

A READER.

It certainly would be if such were the case. The Constitution of the state of Kansas exempts from military service the members of all religious denominations whose members have conscientious scruples against bearing arms.

Section I, Article 8, of the Constitution reads as follows: "The militia shall be composed of all able-bodied male citizens between the ages of 21 and 45 years, except such as are exempted by the laws of the United States or of this state; but all citizens of any religious denomination whatever who from scruples of conscience may be averse to bearing arms shall be exempted therefrom upon such conditions as may be prescribed by law." This clause has been a part of the Constitution since its adoption, which was a good many years before the Mennonites made their settlements in Kansas.

### Treason to the State

Editor The Farmers Mail and Breeze—A discussion has arisen in our class concerning the trial and conviction of John Brown. He was arrested and tried in the Virginia courts and convicted of treason against the state of Virginia. Can the crime of treason be committed against a state?

Iola, Kan.

LLOYD E. ODER.

Yes. The crime of treason can be committed against a state. In Kansas treason is the only crime still punishable with death.



## Any Feterita Seed to Sell?

Here's a Chance to Test This Crop With Moisture

BY HARLEY HATCH  
Jayhawker Farm

**D**EMAND for feterita has taken the entire local supply of seed. It is now too late to plant kafir expecting it to mature but there is still plenty of time for feterita. In fact, it is still just a little too early for it. Many farmers here planted feterita last year, just after corn was planted with the result that it was ripe and had to be cut early in August. Following this was a wet fall and the feterita fodder entirely spoiled. Probably feterita is poor fodder to start with but if it does not ripen until just before frost and does not get too much rain on it after that it may make feed that cattle will eat for a time during early winter.

Many will sow considerable cane or kafir broadcast as soon as the ground can be plowed for it. Cane is the favorite because it makes more and slightly better hay. It can be sown as late as July 10 and still make a full crop. In fact, it should not be sown too early. Like all the fodders of the sorghum family it is at its best when it comes into the dough stage just as frost falls. Cut then it makes fine feed. If sown or planted early it gets woody and stock do not like it. Up to a short time ago cane seed was selling cheaper here than kafir but the demand will no doubt make cane worth the most for the rest of the season. It takes a full bushel of cane seed to each acre sown to make the growth fine enough so it will handle well.

We have cut both cane and kafir hay with a mowing machine and put it up in large bunches in the field and we have cut both with a grain binder. We have found that stock like the loose hay the best. One would think that nicely bound hay would be the best, but if we leave the choice to the stock they decide in favor of the loose article every time. We like to let the hay cure out pretty well and then put it up in bunches of about one-half ton each. Some say that cane hay needs only to wilt and it can then be bunched, and will cure out in the best of condition. That plan might work in very dry sections but here it will not do.

When we mentioned that we had had a few letters from persons in other states wishing to buy land we did not expect the multitude of letters which have come to us asking for the address of those persons. It is simply out of the question for us to supply them, because of the clerical work. Even if it does rain every day we still find something on the farm that must be done, and so cannot conduct a real estate office. If we supplied the addresses to one we should have to write to all and that is out of the question. This will be an answer to those who have sent requests for addresses.

We have one bushel of Silver Mine corn which we shall plant if we can get it into the ground by June 25. Then we shall plant one bushel of Golden Beauty, not expecting to get mature grain from it but for cattle feed if it gets large enough for that. This we shall also plant if we can get it done by June 25. This, with the 20 acres

mentioned will comprise our corn crop for 1915.

Monday, June 7, it became dry enough in this locality so that field work was resumed. By Wednesday we had got up the alfalfa hay which had lain in the swath just one week. It was damaged somewhat but not nearly so much as one would think. Had it been clover or prairie hay it would have been entirely spoiled. As it is, it will make good hay both for horses or cattle, but would not be salable.

We went at the crops again Thursday, June 10, helping a brother to replant his listed corn. His fields were drier than those on this farm so we joined forces and went at the job with three listers and one planter. We re-listed 19 acres that day splitting the ridges which had been made in May. The land worked well and the corn went in in good condition. The usual rain came that night, fully 2 inches of it. We are not expecting to raise much corn this year in this locality.

This is written June 12, and the ground is as sodden as it can well be. We doubt very much whether a stand of corn is returned from any of that planted this week. It had not been in the ground long enough to start a sprout. Twenty acres of corn planted about May 12 is all the show we have on this farm for corn up to this date. This farm is better adapted to dry seasons than wet ones so we should remember that we are not being treated so badly, having had five dry seasons previously to this one.

A Brownell, Kansas, inquirer asks if it is possible for a man to buy a farm in this section of the state at the prices quoted a short time ago—\$40 to \$75 an acre—and in time make up the largest part of the purchase price from the land. In ordinary seasons a good farmer and manager can do this. It can be done, and has been done here, many times, but not in seasons like 1913 and 1915. It is such years as those that give a black eye to the farmer heavily in debt. We doubt the wisdom of buying a farm now unless the buyer has a good part of the price to pay down. What that part should be will depend on the man, on the farm he buys and on the seasons that are sent him. Perhaps it is not too much to say that the buyer should have 50 per cent of the purchase price to pay down in order to be safe.

Many prospective land buyers who write us, especially those who have been renting for a number of years, say that land prices are too high and that there are few farms which will pay a net income of 6 per cent on the asking price of the land. This is true. But good farms, like government bonds, are in a class by themselves. Men will pay much for safety, and so it comes that they will buy U. S. bonds which net only 3 per cent when they could quickly lend their money on commercial propositions at from 6 to 8 per cent. Farm land is a safe investment and the element of safety helps to make the price

high. But even with this element included there is still a large speculative value in many farm lands. Whether or not that element will be squeezed out in time or grow still larger no one can tell. The safe plan is, if a man finds a farm that suits and the price is not out of reason, to buy and not wait for land to go lower in price. It may not do it.

Many renters also write complaining of the high rent charged. In seasons such as the last four have been cash rent is scarcely a fair proposition for the tenant; but what of the landowner who, in many cases, is paying 6 per cent on a large part of the value of the farm? We know the lot of the tenant is not one to be envied, but, what can be done? The men who complain of high rent say they do not like to buy because they cannot pay 6 per cent on the cost of the land. The most equitable plan is share rent but there are just enough uncertain tenants to make that plan unsafe as a general rule. In this part of the country the good tenant gets his pick of the farms and he also gets a chance at share rent if anyone gets it. In many localities tenants raise their own rent, in a way. They will bid against one another on the desirable farms and in turn the price of the less desirable ones follows.

We saw a farmer doing a wet weather job last week, putting manure around his young apple trees. When we questioned the wisdom of the practice he said that he had 200 hens running among the trees and that it would not take them long to spread the manure evenly over the whole ground. We have never thought it wise to put much manure directly around the tree trunk; if it is scattered anywhere under the spread of the branches the tree will make full use of it.

### Cabbage Worms

How shall I prevent worms from killing our cabbage? Please advise me through the Farmers Mail and Breeze.  
E. V. K.  
Prairie View, Kan.

So many enemies attack cabbage that it isn't easy to answer your question at a long distance. We have been successful ourselves in ridding the plants of the ordinary green worm by spraying with kerosene emulsion diluted to 15 parts, but it should be applied before the infestation becomes general. In dry weather, which we seem never to have, road dust applied generously will kill the worms. Flour will do it also. If you are sure these cabbages are attacked by what we call the cabbage worm, and the plants have not headed you may use the oil emulsion. If they have headed you would better use hellebore. You can get it at the drug store.

### A GOOD THING

When It Comes Along Don't Let It Get Away From You.

"I really feel that it is hardly possible to say too much in favor of Grape-Nuts as a health food," writes a Chicago woman.

"For 9 or 10 years I had suffered from indigestion and chronic constipation, caused by the continued use of coffee and rich, heavy foods. My ailments made my life so wretched that I was eager to try anything that held out a promise of help. And that is how I happened to buy a package of Grape-Nuts food last spring.

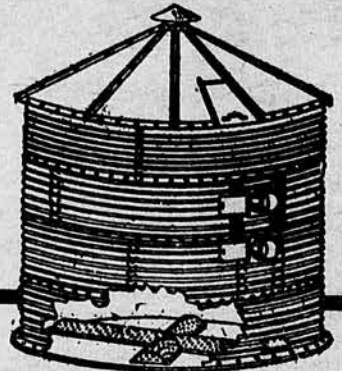
"That ended my experiments. For in Grape-Nuts I found exactly what I wanted and needed. From the day I began to use it I noticed an improvement and in a very few weeks I found my health was being restored.

"My digestive apparatus now works perfectly and chronic constipation has been entirely relieved. I have gained in weight materially, and life is a very pleasant thing to me so long as I use Grape-Nuts once or twice a day. I have found by experiment that if I leave it off for a few days my health suffers.

"A physician in our town has great success in treating stomach troubles, and the secret of it is that he puts his patient on Grape-Nuts food—it always brings back the power of digestion."

Name given by Postum Co., Battle Creek, Mich. Read, "The Road to Wellville," in pkgs. "There's a Reason."

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



### Your Grain Is Gold—Take Care of It

Sell when the market is high—not when it is lowest. Don't let the speculator, the elevator man, the insurance company, get all the profit.

### The Security Corrugated Metal Granary

Saves shrinkage from rats and mice, saves fire losses and insurance cost, storage charges and hauling expense. The only granary that really ventilates the grain. Perforated tube ventilator, with outside connections. Keeps the air circulating through the grain. The only granary with 8 corrugations to the sheet. 20 times stronger than plain sheets. Strongest roof on the market with separate rafter frame, strongly bolted water-proof joints. Dormer manhole, made so the wind can't blow grain. Made of 30 gauge galvanized steel and angle iron; strong and rigid; good for a lifetime. Costs no more than wood. Fire proof, rat proof, thief proof, worry proof. Mail the coupon for booklet and price, and name of nearest dealer.

### Mail This Coupon

Metal Products Company,  
401 North Ninth St., Salina, Kan.  
Please send me booklet and prices of the Security Corrugated Metal Granary, and name of nearest dealer.

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R. F. D. .... Town .....

State .....

## The New Tulsa Granary

Built just like The Tulsa Silo—same quality Yellow Pine—same air-tight wall construction. Will last as long as the house you live in, and keep grain in good condition.

### Capacity 1,000 Bu.

#### Portable

Costs less than metal—nothing to rust out. Has two heavy iron spouts for loading, or emptying. Can be used for small Silo. Store your wheat and get a better price. Your Tulsa Silo dealer can supply you, if not—Write us for Free information, and pamphlets on Silos.

The Tulsa Silo Co., Kansas City, Mo.

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**GRAIN BIN**



**CORRUGATED  
RAT-PROOF  
FIRE-PROOF**

Safe, profitable place to store grain until favorable time to sell. Keeps grain perfectly. Large door, removable shoveling board, 2-foot sliding door for easy scooping. Ask for booklet showing letters from satisfied users.

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1304 Grand Ave., Kansas City, Mo.

### Prices Now Less Than Wholesale

\$17.95

For 11.5 H.P. Galloway Motor. Other sizes in proportion.

Guaranteed 6 H.P. Massey-Harris engine replacement of the world in material, construction, low price. Shipped from Kansas City, Mo. Buffalo, N.Y., Chicago, Waterbury, Conn. Catalog free.

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Box 45 Waterbury, Conn.

Lightning Can't Strike

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Illustrated Book on Lightning Free. Explains kind of rods that protect. W. C. SHINN, 110 N. 16th St. Lincoln, Neb.

Shinn Gets There First



"We Haven't Thought It Wise to Put Much Manure Directly Around the Tree Trunks; Be Careful of This."



## A Big Crowd for Hutchinson

Thirty-Five Companies Have Entered the Kansas Traction Plowing Exhibit, To Be Held From July 19 to 24

**T**HIRTY-FIVE of America's leading tractor and plow makers have entered for the Kansas Traction Plowing Exhibit to be given at Hutchinson July 19 to 24. No such interest ever has been shown in such a demonstration, in this country or abroad. Indeed the records up to June 24 including many letters from farmers showed an enthusiasm far surpassing the expectations of any of the most hopeful promoters.

One thousand acres will be plowed. This land is just south of Hutchinson, along the line of the Hutchinson and Southern Railroad, and is very uniform. It is a sandy loam, and as it contains no objectionable "sand-pits" it is ideal soil for a demonstration of this kind. The tractors will have a fair chance to show their efficiency.

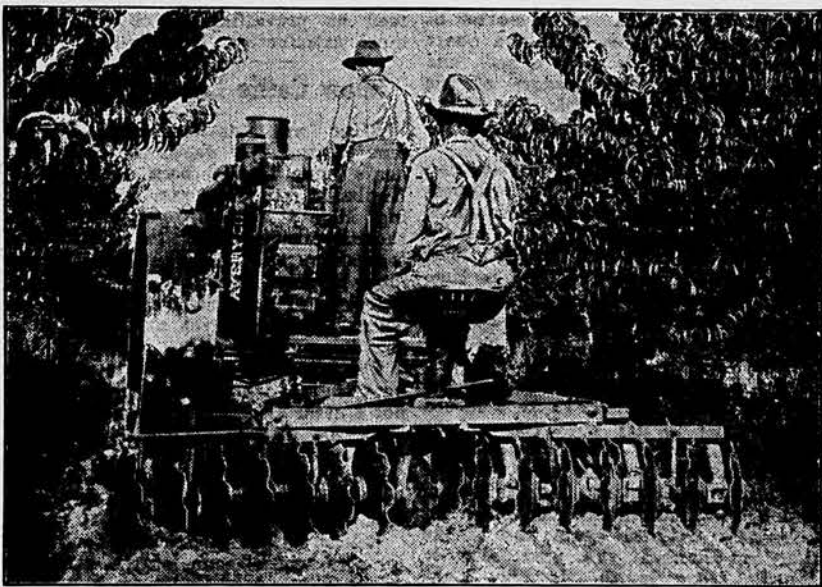
The purpose in holding the Hutchinson show is to make the principles of power farming available for farmers. A man who attends the demonstration will have a good chance to study the different makes, and to determine whether they are adapted to his needs. The officials and tractor operators expect to co-operate in this. In addition, lectures on power farming will be given by the leading tractor experts of the country, who will pay special attention in these talks to the financial end of power farming.

Tractors are not adapted to every place in Kansas, but it is believed that they can be used profitably on a larger number of farms. The Hutchinson show

Grand Detour Plow Company.  
Oliver Chilled Plow Company.  
International Harvester Company—"8-16 Mogul" and four others.  
Nilson Farm Machinery Company.  
Waterloo Gas Engine Company—"Waterloo Boy."  
Universal Tractor Mfg. Company.  
J. I. Case Plow Works.  
Simplex Tractor Company.  
John Deere Plow Company.  
Gilson Mfg. Co.  
Ward Tractor Company.  
Kinnard-Haines Company.  
Electric Wheel Company—"Light-All-Work" Tractor.

Kinnard-Haines Company.  
J. I. Case Threshing Machine Company.  
Helder Mfg. Company.  
Aultman-Taylor Company.  
La Crosse Plow Works.  
Rock Island Implement Company—"Sanders" Disk Plows.  
Sweeney Tractor Company—"Sweeney's Iron Horse."  
Holt Mfg. Company—"Caterpillar" Tractor.  
Dayton-Dick Company.  
Chief Tractor Company.  
Light Draft Harrow Co.—"Forkner" Light Draft Tilling Machine.  
Joliet Oil Tractor Company—"Bates Steel Mule."  
Emerson-Brantingham Implement Company.  
Wallis Tractor Co.—"Wallis Cub."  
Dauch Mfg. Company—"Sandusky" Tractor.

H. M. Bainer of Amarillo, Tex., agricultural demonstrator for the Atchison, Topeka and Santa Fe Railway will be field manager for the plowing exhibit. Mr. Bainer is a Kansas man, and a graduate of the Kansas State Agricultural college of the class of 1900. He taught farm mechanics for seven years, in the Iowa State college and the Colorado Agricultural college, before he became a member of the Santa Fe organization. He



The Small Modern Farm Tractors Are Well Adapted to Many Kinds of Work, and They Are Winning Their Way by Efficiency.

will give the best possible opportunity to determine which engine you especially favor and what it can do when compared with the other makes. All of the leading tractors will be there.

It is expected that an especially large number of farmers will attend the show from the territory covered by the Hessian Fly Special on the Atchison, Topeka and Santa Fe Railroad. The speakers on this train advocated deep, early plowing in preparing for the wheat crop, to make the conditions favorable for avoiding Hessian fly injury, for this is needed along with late sowing and the destroying of the volunteer wheat. Deep plowing early in the season can be done much better with a tractor than with horses, for an engine has the power to pull the plows at a proper depth, and it can go ahead steadily even if the weather is hot.

Increased yields can be obtained from early preparation for wheat, a factor that is being considered more and more in buying tractors. These higher returns have done a great deal to promote the tractor business of Kansas. In many cases they have more than paid for the cost of the tractor in a season or two. The firms which have entered the Hutchinson show are:

The Avery Company—5 Tractors.  
Peoria Tractor Company.  
Mayer Bros. Company—"Little Giant."  
Hart-Parr Company—"Little Devil."  
Bullock Tractor Company—"Creeping Grip."  
Hall Bros. & Reeves—"Bull" Tractor.  
Hume Mfg. Company.  
Parrett Tractor Company.

has had a great deal of experience with tractors.

A. A. Potter, dean of engineering in the Kansas State Agricultural college, will co-operate with Mr. Bainer during the exhibit. The field assistants for Mr. Bainer will be F. A. Wirt, R. E. Wiseman and W. A. Buck, all of the division of engineering of the Kansas State Agricultural college. Mr. Wirt will be the first assistant to Mr. Bainer, and he will have general charge of the surveying and the depth of plowing. Mr. Buck will be fuel inspector. Mr. Wiseman will pay special attention to the operation of the tractors.

### Leading Kansas Corn Growers

The National Top Notch Farmers' club is an organization formed to advance the farming interests, and especially crop growing. Charles F. Mills of Springfield, Ill., is secretary. Farmers who have produced 100 or more bushels of corn an acre may become members. The Kansas members of this association with their corn records in bushels are:

Name	Yield
J. A. Baxter, Auburn.....	104
J. M. Gillman, Leavenworth, No. 1....	114.49
Paul Gillman, Leavenworth, No. 1....	107
C. E. Hildreth, Altamont.....	100
J. G. Haney, Oswego.....	105
C. D. Mayer, Leavenworth, No. 1....	101
W. D. Roppey, Severance.....	100
J. C. Robinson, Towanda.....	100
W. J. Tod, Maple Hill.....	100
Sumner G. Trent, Hiawatha.....	117
William James, Colver.....	116

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**I**N the big power plants, like those that harness Niagara Falls, and aid the progress of American manufacturing, we find men chewing—and they're chewing STAR.

And here's why men of big minds and big bodies chew and boost STAR:

STAR plugs are thick—that means more of the rich, chewable inside for you. A thick STAR plug won't dry out like a thin plug and every STAR plug weighs a full 16 ounce pound. STAR is made clean and kept so.

Try STAR and you'll know why one hundred and twenty-five million 10c pieces are sold each year.

# STAR

## CHEWING TOBACCO

LEADING BRAND OF THE WORLD

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16 oz.  
Plugs  
10c  
Pieces

## Livestock Profits

Keep a can of Zenoleum always handy—it's the best live stock Profit Insurance on earth. Its use as a disinfectant and germicide insures the destruction of all germs and insects that prey on cattle, hogs and sheep. This powerful safe germicide kills lice, mites, sheep ticks, cures mange, scab, skin troubles, sores, wounds and prevents abortion in cattle.

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No other live stock remedy is so highly regarded by breeders and live stock authorities. For twenty years it has stood every test. Cheaper than home-made mixtures and absolutely reliable. Send a dollar bill for a can of Zenoleum postpaid, sufficient to make 50 gallons of positive disinfectant. Full gallon can to make 100 gallons, \$1.50 parcel post paid. If it is not all you think it ought to be you get your money back; no argument—just money back. Write for ZENNER'S VETERINARY ADVISER, FREE. ZENNER DISINFECTANT COMPANY, 180 Lafayette Av., Detroit, Mich.

FILL OUT THIS COUPON AND SEND IT WITH YOUR CONTRIBUTION TO THE KANSAS BELGIAN RELIEF FUND.



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and thereby do my share toward sending 10,000 Family Food Boxes from Kansas to the starving people of Belgium

I herewith subscribe \$\_\_\_\_\_ for this purpose. My subscription accompanies this coupon to be sent to

### The Kansas Belgian Relief Fund

412-14 Central National Bank Bldg.

Topeka, Kansas

(Name) \_\_\_\_\_

(Address) \_\_\_\_\_

Write name and address in full

This is a picture of the Family Food Box that the National Commission will pack, in the warehouse in New York, and send in the relief ship to Belgium. These boxes cost \$3.00 packed for shipment. Each person who gives a food box will receive a permanent remembrance from the National Commission in the form of an engraved certificate. The Kansas Belgian Relief Fund Executive Committee will forward all subscriptions, and will publish in the newspapers the name of every person who gives to this fund.



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215 Michigan Street,  
RACINE, WIS.

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than any other silo filler operating under equal conditions. That guarantee is based on what repeated tests have proved that the Appleton Silo Filler will do. By its efficiency and economy in use, its positive safeguards against breakdowns and its extra long life; the Appleton proves that service-cost is the only sensible basis on which to choose a silo filler.

Solid oak frame, braced, bolted and mortised; impossible to pull out of line. Special high-grade tool steel knives, spiraled to give clean shearing cut. 10 lengths of cut, 5-16 to 2 1/4 inches. Tremendous capacity. Positive frictionless self feed table runs on chilled iron rollers. One lever controls feed rolls and table. Independent belt driven blower, on

## APPLETON Silo Filler

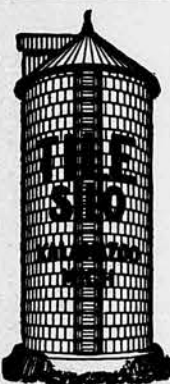


FREE book on Silage.

Explains how silage doubles feed values of crops; describes all types of silos, how built, etc.; full of silage and silo facts of real value. Sent free—write

has speed adjustable to minimum use of power for any height silo. Lowdown, cut-under frame; easy to handle. Send for catalog of details showing 4 sizes.

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Capacity  
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SILO FILLERS AND PRICED  
Glazed Tile Silos TO YOUR Home Town

SILOS to earn cost first—then pay. HOW? Ask, giving size.

Kalamazoo TANK & CO., Kalamazoo, Michigan  
NO. FORT WORTH, TEXAS. MINNEAPOLIS, MINN. KANSAS CITY, MO.

## ROSS Ensilage Cutters and Silo Fillers with Blower



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STEEL Cutting Apparatus and Blower (instead of cast iron).

Especially designed for steam power and extraordinarily heavy work. Steel is known to be stronger than cast iron. The Ross is not an ordinary fodder cutter but a special made machine for filling silos. We have manufactured the Ross for 25 years, and to-day it will by its own actions prove its superiority. Write for catalog. We also manufacture the Ross Wood and IN-DE-STRUCT-O-Metal Silo.

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LEWIS SINGLE 5c Cigar

—that I can't find in any other brand, no matter what I pay."

"My dealer tells me it costs him more than any other 5c cigar. I believe him—it sure is worth twice as much."



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Every woman knows the trouble of loose fly paper. Hold the paper firmly and where you put it. Two holders prepaid for 25 cents.

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### 1915 MODEL 22 Cal. HUNTING RIFLE Free

A REAL GUN—Take-Down pattern, with latest improvements, walnut stock and grip. Shoots accurately 22 long or short cartridges. Handsome, durable. SEND NO MONEY only your name and address for my easy plan of securing this fine rifle absolutely Free—prepaid. Write today. D. W. BEACH, Box 54, Spencer, Ind.

## Cow Testing Clubs Increase

Accurate Records of Milk and Butterfat Production Have Proved Their Usefulness

ONE hundred and sixty-three co-operative cow-testing associations were in operation last year in the United States. This shows a rapid growth when it is remembered that the first association in this country was organized in Fremont, Mich., in 1905, and that as late as 1908 only six associations had been formed. The next year, however, there were 25 and the number has increased rapidly ever since.

The principle on which these associations work is both simple and yet important. Year after year many farmers milk cows that do not pay for the feed they consume. Indeed, the average annual production of a cow in this country is 4,000 pounds of milk, containing 160 pounds of butterfat. The best dairymen say there is no profit in such production, and of course there are many cows that fall far below these figures. To make his herd a success the farmer must weed out the animals that are costing him money, and keep those that are bringing it in to him.

### Exact Records Are Needed.

This is not so easy as it may seem. Experiments continually show that it is impossible for any man, however experienced he may be, to estimate with any accuracy the yearly production of milk from any cow. Some animals start with a very good production and then drop to an ordinary flow, while others give a much more regular yield. The latter may at the end of the year have given the farmer much more milk, but he probably will consider the former to be the profitable one. As a matter of fact few men can guess within a quart how much milk there is in a pail, and if one is selling the product of his herd on a butterfat basis he knows even less of the yield from each individual animal.

The main purpose of the cow-testing association, is to enable its members to hire a tester to keep the records which in practice it is almost impossible for the farmer to keep for himself. The tester should arrive at the farm in time for the afternoon milking, weigh the milk given by each cow in the herd, and take a sample of it to test for butterfat. At feeding time he weighs the feed given each cow and estimates the amount of roughage. He keeps a record of feed given to dry cows as well as those in milk, for it is obvious that the total cost of feed for the year must be taken into consideration. The following morning the individual production of the herd is weighed again and if the ration is changed the feed also is weighed. Later in the day the Babcock test is used to determine the percentage of butterfat in each cow's milk. From these figures it is possible to estimate the amount of milk and butterfat given in a month by a cow and set against it the amount of feed consumed. This method, of course, does not produce scientific accuracy, but careful tests have shown that the results are within 2 per cent of the cow's actual production.

### For Better Records.

Another feature of the tester's work is to watch the prices of various feedings and then to work out for the farmer the most economical ration. This, with the weighing and testing of the milk, will occupy him until it is time to leave in order to arrive at the next farm to test the afternoon milking. Thus the tester devotes one day a month to every member in the association and this limits the number of members to 25 or 26, the number of working days in a month, and defines within somewhat narrow limits the expenses of conducting the association. This has been found to be about \$550 a year, including the salary of the tester, the cost of the acid for the Babcock test, and miscellaneous expenses. All expenses usually are borne by the members in proportion to the number of cows they own. Where the herds are large this may be \$1 a cow, but generally it is \$1.50 a year for every cow. To many farmers it may seem unnecessary to hire a man to do work which they themselves are perfectly capable of doing. The answer to this is that while the farmer could do it, it is likely that during the pressure of other work he would slight the tests.

As a matter of fact the number of dairymen who actually do keep records of their work for the whole year is insignificant; moreover it is really cheaper to have it done by the tester. Experience makes the tester rapid and accurate. It would take the average farmer a long time to become familiar enough with all the details to do the work as well as the tester does.

That a cow-testing association actually does pay has been proved beyond all doubt. Since the first organization of this kind was formed in 1905, 76 for one reason or another have been discontinued. On the other hand the records of those in operation show excellent financial results. There are seven herds that have remained continuously in the Michigan association ever since it was formed, in 1905. In 1906 they included 50 cows and in 1913, 69 cows. In 1906 the average yield for each cow was 5,885 pounds of milk and 231 pounds of butterfat; in 1913 it was 6,123 pounds of milk and 284 pounds of fat. In the meantime prices of both feed and dairy products had risen. The profit, however, to the dairymen in the association rose as well. For every cow it was, in 1906, \$22.23 and in 1913 it was \$51.08, or an increase of \$28.85. It certainly paid these dairymen, therefore, to employ a tester even if it cost them \$1.50 a year for every cow.

Not only do these records show which cows make or lose money for their owners, but they show to what extent each is profitable, the amount of feed given to each cow, and what kinds of feed at prevailing prices produce the most satisfactory financial results.

### Show Cattle Leave Quarantine

After an imprisonment of seven months and two days, the dairy show herds have finally been released, says Kimball's Dairy Farmer. Monday morning, May 31, the state and federal authorities inspected for the last time the test steers and hogs that have been employed since February as prospective detectors of any foot and mouth disease germs that might yet be lurking among the dairy show cattle.

This inspection, like the numerous ones that had preceded it, indicated that not a steer or a hog had become infected with the disease. They were released and inside of an hour were on board the cars and headed for the stock yards to be slaughtered under federal inspection.

Releases were then issued to those exhibitors whose home states would permit the return of their cattle. Quarantines were removed. Camp was broken. Attendants were, for the first time in more than seven months, permitted to leave the barns and return again without being fumigated.

### An Unmannerly Cow

Please tell me how to make a cow give down her milk. I have a good cow but after giving about a quart of milk she holds her milk and will not give it down unless the calf is turned to her, then she gives it freely.

Mena, Ark.

Cows, like other animals, are largely creatures of habit. In my judgment this cow has been spoiled by letting the calf run with her, either during the present milking period or during some previous milking period and she has got in the habit of letting the calf take the milk and will not give it down to the milker. Very often people have the habit of letting the calf nurse the cow first and then milking the strippings. Most cows will soon learn to give the milk down freely while the calf is nursing and hold it up or cut the supply short when the milker tries to get his share. If this is a good cow and you are going to keep her, simply keep the calf away from her and keep it entirely out of her sight. While she may not do extra well this year you will save her for years to come and get her over this habit of holding up her milk.

K. S. A. C., Manhattan.

Many a golden opportunity becomes a pewter reality.

England's Ulster is uncomfortably warm this weather.



## Range Flocks are Vigorous

### Small Yards Have Many Disadvantages in Poultry Growing

BY JAMES E. RICE

**F**REE range for the poultry flock is one of the important factors in maintaining vigor. The best modern system of poultry husbandry is one that combines the growing of crops and the raising of poultry. The old idea of keeping a flock of chickens in a bare yard is all wrong. That is not poultry farming, it is "barnyard" poultry keeping. One can continue this method by exercising great care, and expending a large amount of labor in keeping things sanitary. It also is necessary to get new blood occasionally from farm reared stock. The system of poultry farming that will survive, however, is one that will enable the hens and chickens to run in orchards and fields. Instead of charging the use of the land to the hens, we can charge it to the crop that is being produced.

#### Give Them Fresh Air.

Let the hens live in houses where they always have fresh air. Perhaps there has been no one thing in recent years that has had a greater influence in the development of the poultry industry than investigations in the proper housing of poultry. We thought at one time that the one great difference between summer and winter, when the hens did lay and when they did not lay well, was a difference in temperature. As a result we built our houses with the idea of keeping the heat in. We attempted to make the houses warm with double-boarded walls, and in some instances with double-glazed windows. We have since found that the evil of breathing impure air and living in a humid warm room was a great deal more injurious than cold pure air.

Modern poultry houses are built at less than one-half of the former cost, and provide for the house to be open most of the time, or never closed. There the hens are not breathing impure air, and they do not undergo the violent changes from the warm damp air of the house to the cold of outdoors. The open house is the only sort that is at all comfortable in the heat of summer.

We have made some experiments to determine how important the factor of close confinement is in the matter of getting stronger fertility and hatching power, and better chickens. Two years ago we were getting 40 weak chickens from every 100 eggs we put into our incubators. Our hens were confined in small, bare yards. We moved about 150 hens from these quarters and put them in colony houses down on the north pasture slope, and let them run. We fed them precisely the same ration, but the fertility and hatching power of the eggs rapidly increased until within a few weeks we were getting eggs that would hatch 70 strong chicks from 100 eggs instead of 40 weak ones. The difference in vitality of the little chicks was very marked. We had been losing most of the 40 weak chicks, and almost none of the 70 strong chicks died.

#### The Two Classes.

The next fall we divided the flock, leaving 35 hens down on the range and not shutting them up at all during the fall and winter. We brought 35 to the poultry yards and put them into a house similar in every way to the one used by the range hens, and fed them the same ration. The only difference in care was that the one flock had free range and the other was shut up in November and was not outdoors again until the ground was bare in the spring. Then when they were let out they were allowed to run only on a restricted, bare yard, and were fed some sprouted oats every day for green food. We also started experiments with pens of pullets.

The 35 pullets that were allowed to run on free range laid 164 eggs each in the year. Those confined in the bare yards laid 147. The cost of feeding the range birds for the year was \$1.17, while those in the bare yards cost \$1.16. Notice that there was only one cent difference in the cost of feed, and yet the range birds produced 17 eggs more than the birds in confinement. The eggs were sold at market prices and the average profit after cost of feed, labor and interest on investment had been figured out, was \$3.25 a hen for those that had been on free range, and \$2.50 for those

in confinement. This was a difference of 75 cents a year in favor of the pullets that never had been shut up summer or winter. From these pullets on the range we hatched 71 per cent of the eggs set, and from the pullets in the bare yards 49 per cent. From the pullets on the range we reared 92 per cent of the chickens hatched, and from the pullets in the bare yards 80 per cent.

#### Range Hens' Good Work.

The hens on the range laid 105 eggs each, while the hens in the bare yards laid 90. The hens on the range cost \$1.16 to feed, and the hens in the bare yards cost \$1.30. It will be noted that in this instance the hens that laid the most eggs cost the least to feed. Apparently they found lots of food on the range. The net profit for a hen on the range was \$1.40, and for a hen in the bare yard 83 cents. For some unaccountable reason the percentage of chicks hatched was 57 per cent from the hens on range, and 74 per cent from those in bare yards. We reared 84 per cent of the range chicks hatched, and 81 per cent hatched from eggs laid by hens in the bare yards. The pullets reared from range stock began laying earlier and laid better than those that came from the hens in confinement.

Our second year's work verified the first year's experiments. The net result for the two years' work, including 10 flocks of fowls, five of which were on range for one or two years and the other five of which were kept confined in the houses in winter and allowed to run in small yards in summer, was about two dozen eggs a hen in favor of the range hens.

#### Why Does a Fresh Egg Rot?

It is conservatively estimated that there is an annual loss in eggs in this country of 45 million dollars. Practically all of this enormous loss is sustained by the farmers of this country, as it is on the general farms that the great bulk of eggs is produced. A great part of this loss can be prevented by the production of infertile eggs, which are laid by hens that do not have a male bird with them. The male bird has no influence whatever on the number of eggs laid. Therefore, as soon as the hatching season is over the male should be removed from the flock.

The greatest trouble from blood rings in eggs occurs in hot weather. Special care should be given to the gathering and storing of the eggs in the late spring and summer months. At these times the eggs should be gathered at least twice a day, placed in a room or cellar where the temperature does not rise above 70 degrees Fahrenheit, and marketed two or three times a week.

Blood rings are caused by the development of the embryo of a fertile egg and its subsequent death. It is impossible to hatch an infertile egg or cause a blood ring to form in one. It is generally considered that eggs become infertile from 7 to 14 days after the male bird is removed from the flock. Repeated experiments have shown that where fertile and infertile eggs are kept under similar conditions, the fertile eggs spoiled much quicker, due to the fact that they deteriorate faster than infertile eggs in the average summer temperature. Summer heat has the same effect as the hen or incubator on fertile eggs. Sell, kill, or confine the male bird as soon as the hatching season is over.

#### Cold Storage Apple Holdings

According to a statement issued by the Office of Markets and Rural Organization, United States Department of Agriculture, only 1.9 per cent of the apples placed in cold storage last fall remained in the coolers June 1. This estimate is based upon the reports of 175 firms, and the progress of the movement from these plants through the season was as follows: In December, 9.1 per cent of the total holdings; in January, 17.6 per cent; in February, 21.7 per cent; in March, 25.4 per cent; in April, 15.3 per cent; and in May, 9.1 per cent, amounting to 98.1 per cent of all the apples held by these storages on December 1.

#### THE GOOD JUDGE AND THE FISHERMAN'S LUCK



## THE new chew that everybody likes is the Real Tobacco Chew.

Tastes better, lasts longer and satisfies you better than any of the old kind. Made of pure, rich, sappy, mellow tobacco.

A little chew of pure, rich, mellow tobacco—seasoned and sweetened just enough—cuts out so much of the grinding and spitting.



THE REAL TOBACCO CHEW IS NOW CUT TWO WAYS!!  
W-B CUT IS LONG SHRED. RIGHT-CUT IS SHORT SHRED.

Take less than one-quarter the old size chew. It will be more satisfying than a mouthful of ordinary tobacco. Just take a nibble of it until you find the strength chew that suits you, then see how easily and evenly the real tobacco taste comes, how it satisfies, how much less you have to spit, how few chews you take to be tobacco satisfied. That's why it is *The Real Tobacco Chew*. That's why it costs less in the end. The taste of pure, rich tobacco does not need to be covered up. An excess of licorice and sweetening makes you spit too much.

One small chew takes the place of two big chews of the old kind.

“Notice how the salt brings out the rich tobacco taste.”

WEYMAN-BRUTON COMPANY, 50 Union Square, New York City

BUY FROM DEALER OR SEND 10¢ STAMPS TO US



## Canada is Calling You to her Rich Wheat Lands

She extends to Americans a hearty invitation to settle on her FREE Homestead lands of 160 acres each or secure some of the low priced lands in Manitoba, Saskatchewan and Alberta.

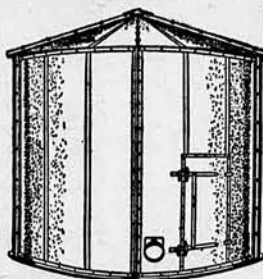
This year wheat is higher but Canadian land just as cheap, so the opportunity is more attractive than ever. Canada wants you to help to feed the world by tilling some of her soil—land similar to that which during many years has averaged 20 to 45 bushels of wheat to the acre. Think what you can make with wheat around \$1 a bushel and land so easy to get. Wonderful yields also of Oats, Barley and Flax. Mixed farming is fully as profitable an industry as grain growing.

The Government this year is asking farmers to put increased acreage into grain. Military service is not compulsory in Canada but there is a great demand for farm labor to replace the many young men who have volunteered for service. The climate is healthful and agreeable, railway facilities excellent, good schools and churches convenient. Write for literature and particulars as to reduced railway rates to Superintendent Immigration, Ottawa, Canada, or to

GEO. A. COOK

125 W. 9th St., Kansas City, Mo.

Canadian Government Agent



## STORE YOUR GOLD IN OKAY GRAIN BINS

Burglar- Fire- Rain- and Rat-Proof

Your Wheat in January Will Be the Same as Gold!

Galvanized Metal and Angle Iron. Built Sectionally; simple to erect.

We Guarantee Satisfaction or Your Money Refunded

Write now for our circular and prices.

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Silos, Culvert Pipe, Tanks, Portable Buildings

**BEE SUPPLIES** Five per cent discount allowed on orders sent in this month. Write for catalogue. Clemons Bee Supply Co., 127 Grand, Kansas City, Mo.

**DISTRIBUTORS WANTED!** GOOD PAY; Steady Work; giving away packages. Perfumed Borax Soap Powder with our Soaps, etc. No capital or experience needed. M.B. WARD & CO., 218 Institute Pl., Chicago



# Saving Money by Canning

If Fruit Must Be Bought It Is Cheapest in Season

BY MRS. C. W. ROWLEY

FRUITS that dis-color badly should be pared with a silver knife and dropped into cold water made slightly acid with lemon juice until enough are pared to fill one can.

The jars and covers should be well sterilized. I use a little carbolic acid, which is one of the best germ killers, 3 to 5 drops of the acid for a pint of the water in which I scald the cans. I put the cans on the stove, fill with the carbolic water and boil them, then empty them and fill with clear boiling water, when they are ready to use. If cans and covers are so arranged that the worker knows the exact cover that fits each can much annoyance will be saved.

One way to can fruit is to fill the jars with perfect fruit, cover loosely, and place in a boiler, on a rack of slats, with something between the jars so they will not touch. Put on in cold water that comes two-thirds of the way to the top of jars, bring to the boiling point and boil 3 hours with the boiler closely covered.

Excess fruit juices should always be canned for future use. They can be used in ices and in punch, and they are of much value in sickness, especially the juices of elderberry, grape, blackberry, and pineapple.

Another method is to cover the bottom of the oven with asbestos or a shallow pan of water. Fill sterilized jars with prepared fruit and pour in enough sirup to fill the jar solidly. Cover loosely and place jars in a moderately hot oven and cook 10 minutes. Then fill again with hot sirup and seal tightly. This method retains the color, flavor, and shape of the fruit. Store the fruit in a dark, cool place. Too much heat spoils fruit, and dampness induces mold.

Rhubarb may be canned by filling the jars with clean prepared fruit and pouring in clean cold water to the brim. Pour in water until all air bubbles have been forced out, then seal. If there is no cover for the jar cover with a thick layer of sterile cotton batting tied down firmly with a tin laid on top to protect it. The cotton should not be sterilized by boiling, but by heating in the oven. Such rhubarb is fine for pies. Gooseberries, I am told, can be canned the same way.

Fruit butters may be made in large quantities by boiling, mashing with a wire potato masher and baking in the oven, stirring often, while the top of the stove is preparing a new supply. Wild plum, gooseberry, and tomato butters are improved by the use of an equal quantity of apples.

## Canning Vegetables.

In canning vegetables we do not have to contend with yeasts and molds, which we find in fruits, but with bacteria. Bacteria thrive in meat, milk, and vegetables. They live both in the spore, or seed, form, and in the growing form. Boiling will kill them in the growing form but will not kill them in the spore form. To prepare vegetables to keep we must treat them in such a way as to destroy both the growing bacteria and the spore forms. This is the reason most vegetables, especially peas, string beans and corn, should be boiled a third time before canning. The first boiling kills all growing bacteria. In the 24 hours following the spores have time to germinate, the second boiling kills them, and the third boiling is for safety's sake, to destroy anything left from the second boiling. Beets, summer squash, asparagus, and lima beans are canned the same as corn.

Only freshly picked corn should be used, as the sugar content diminishes rapidly after picking. Fill the cans full



of corn to which about 1 teaspoon of salt has been added for each quart. Place in the boiler prepared the same as for fruit canning and boil 1 hour. Set where it will cool, and fasten the covers securely. The second day loosen the covers and repeat the boiling, then tighten. Repeat the process the third day. After the third heating and cooling if the covers are found air tight store in a dry, cool, dark place.

Beans may be boiled until tender, then canned by adding 1 tablespoon good vinegar to each can. This also insures tomatoes' keeping. I have read that sweet potatoes may be canned in a sirup.

The peculiar effect light has upon fruits and vegetables canned in glass is probably responsible for the preference many women have for tin cans. I prefer to use glass and keep them in the dark.

Besides using canned fruits and vegetables we would all be healthier and probably wealthier if we stored away some dried fruits and vegetables, and green vegetables such as beets, parsnips, carrots, winter radish, and cabbage. Dried corn and field beans make a fine succotash for the working man's winter fare. The dried pumpkin and squash pies of olden times were superior to the present "factory canned" pumpkin pies.

## Money Made by Careful Buying.

Many vegetables may be bought in the fall at a profit if we know how to keep them. Lime in a cellar is always good to remove dampness and to purify the air. There is usually a saving in buying fruits at market prices to can, as a few prices will illustrate: Tomatoes last fall sold for 50 cents a bushel. A bushel will make 16 quarts of canned tomatoes. Sixteen tin cans at 40 cents a dozen cost 53 1/3 cents, a total of \$1.03 1/3, or 6 1/2 cents a can. In the winter we priced tomatoes by the case (two dozen cans) at our local store and got a price of \$3.10, or about 13 cents a can. Pears at \$1.50 a bushel, or 20 quarts canned, cost about 11 1/2 cents a can. Bought in cans they usually cost 20 cents. We paid 75 cents a bushel for budded peaches, which made the cost a little more than 8 cents a can. The market goods cost 20 to 25 cents a can. The figures I have given for home canning include sugar at 5 cents a pound. The cans usually are used twice, which will cover any variation in the price of sugar. It will be seen then, that a quart each of tomatoes, pears and peaches canned at home cost 26 cents. The same amount of fruit bought canned from the store would cost 52 cents, which gives us a good price for our labor.

Let us have plenty of fruit and vegetables for winter use, even if we have to buy canned goods; but if we must buy the canned goods let us always buy at cash prices if possible.

Zeandale, Kan.

## A Good Way to Spend the Fourth

I would suggest private picnics in some nearby grove, on a river if possible, and not more than six miles distant, so the children will not be too tired with the trip. Write or phone the invitations, at the same time requesting each to bring such refreshments as will require simple preparation, nut and meat sandwiches or cold meat, fresh beet pickles, fresh raw fruit, lemonade and cake.

One person may be asked to bring lemons, sugar and ice, and others detailed to bring certain articles of food, thus avoiding duplicates and therefore waste. The lemon juice and sugar may

be prepared at home and carried in self-sealing cans; then it will be little trouble to add the ice water and serve. Paper plates and paper napkins may be bought for a small sum, this adding to the convenience of those who go.

Swings should be provided, and such games as do not require much physical exertion. Those who prefer quiet may bring their books and magazines. This picnic may be for all day and dinner, or for afternoon and supper.

Augusta R. Wible.

Hazelton, Kan.

## Better Way to Spend Money.

If the money squandered for firing off cannon, shooting fire crackers, and for fireworks at night could be spent for a free-for-all laborer's picnic, with pure lemonade, homemade ice cream, popcorn, peanuts free for his children, flags and music, and a good dinner, July Fourth would be a blessing.

D. A. Ellsworth.

Pittsburg, Kan.

## Picnic Means a Good Time.

July 2 and 3 I prepare some "extras" and on the morning of the Fourth we make a big freezer of ice cream. Then the three little ones are dressed in clean, dark gingham and we are ready for our

(Continued on Page 13.)

## HOME DRESSMAKING

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

Girls' one-piece apron 6870 is cut in five sizes, 4 to 12 years. Middy blouse 7271, for misses and small women, is in sizes 14, 16, 18 and 20 years.



Dress 7255 is in six sizes, 34 to 44 inches bust measure.

The pattern for skirt 7268 is cut in sizes 14, 16 18 and 20 years. Raised or regulation waist line may be used.

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## Who Named the Week Days?

Betty Didn't Know Till Aunt Anne Told Her

BY MARY CATHERINE WILLIAMS

"WEDNESDAY'S the hardest day of all to spell," sighed Betty as she closed her speller with a slam and tossed it on the table. "I've studied my spelling lesson half an hour tonight, and just as like as not when class comes tomorrow I'll forget to put that old 'd' in Wednesday. I don't see why week days have such hard names any way. Who named them, Aunt Anne? Do you know?"

Aunt Anne looked up from her crocheting with a smile. "Nobody knows exactly who did the naming, Betty, it happened so long ago, but if you've finished your lessons I'll tell you what the days were named for."

"Oh, goody, that means a story!" cried Betty. "Billy, Aunt Anne's going to tell us a nice story. Come on, you can hear it too."

So the two children perched themselves on the arms of Aunt Anne's big chair and Aunt Anne began.

"We are going back a long, long way into history times," she said; "hundreds of years before anybody knew there was such a place as our own America. There weren't any big cities in northern Europe then, for England and Germany and Norway and those countries were covered with great forests, and the people were almost as wild as the wolves and wild boars that roamed in the woods. There weren't any schools, and the only churches were sacred groves of trees, and there were so many gods to worship folks must have had a hard time keeping track of them all. They had many wonderful stories to tell of the things these gods did, and they believed them, too, though the stories seem like fairy tales to us now."

### Odin's White Horse.

"The great home of the gods was a wonderful place called Valhalla where warriors who had died in battle drank a magic drink called mead from ox-horn cups and feasted at great rough board tables. Odin was the name of the great father and king of the gods. He was all wise, for he had drunk from the well of wisdom kept by the giant Mimir. From his throne in Valhalla Odin could see out all over the world of men. Every evening two great black ravens came and perched on Odin's shoulders and told him all the news they had gathered as they flew up and down over the fields of earth. Two wolves were Odin's companions, and he rode on a snow white horse with eight hoofs, which was as swift as the wind itself. He carried a spear forged for him by the queer little dwarfs who lived in the underworld, and he had a golden helmet and breastplate. It was Odin, the people thought, who made the world, for he and his brother lifted the earth out of the great waters, and when he found on the earth two figures the dwarfs had carved from a tree trunk, he breathed his breath into them and they became the first man and woman."

"Wasn't it queer folks believed all that?" said Betty softly. "But what did all that have to do with the names of days, Aunt Anne?"

"Why, one of the days was sacred to Odin," answered Aunt Anne. "Some folks called him Woden, so his day was called Wodenstag or Wodensday."

"Oh, that's Wednesday!" cried Betty delightedly. "I'll remember the 'd' now 'cause I'll think of Woden. Whose day was Tuesday?"

"Tuesday was the day of Tyr, the war god," Aunt Anne continued. "He was the bravest of the gods. When the Fenris-wolf, a terrible monster in the form of a giant wolf, was doing much harm in the land of the gods and on the fields of earth, the gods decided to chain him, for the wolf was immortal and could not be killed. Now the only way to make the wolf stay quiet was for one of the gods to place his hand in the monster's mouth, and all the

gods were afraid to try it till Tyr came. Tyr thrust his hand far down into the wolf's throat, while the other gods slipped the chains on the monster. When the Fenris-wolf found he was chained, he snapped his mighty jaws together in rage and so Tyr lost his arm."

"Say, Tyr was a brave chap, wasn't he?" cried Billy. "I like those god fellows, Aunt Anne; tell about some more of them."

"Thursday belonged to Thor, the god of storms, and the strongest of the gods. He was a god of peace, also, and protected the homes of the people and gave justice to the oppressed. Thor's day was the favorite day for weddings, and the old Saxons liked to keep it a holiday. Thor's weapon was a mighty hammer. The blows he dealt with it were so

powerful the earth trembled and all the skies rumbled. Thunderbolts were blows of Thor's hammer, the people thought, and the lightning was the flash of Thor's fiery red beard across the sky."

### You've Seen Freya's Necklace.

"Weren't there any lady gods, Aunt Anne?" asked Betty. "Didn't they have any days?"

"Yes indeed, dear, there were many goddesses, and one of them has a day of her own—a nice day, too, for it is Friday."

"Oh, I like Friday 'cause it's the next day to Saturday. Whose day is Friday, please?"

"Freya was her name," replied Aunt Anne. "She was the wife of Odin and was wonderfully beautiful. She had a gorgeous robe of feathers in which she could fly far and wide, and the rainbow was the glint of the sunlight on a sparkling necklace Freya wore. Sunday and Monday were named for the sun and the moon, and Saturday was named for an old Roman god called Saturn who had charge of the sowing of seed."

"There, now," Aunt Anne added as she folded her crocheting, "the week is ended, and so is the story."

"I'm glad as glad as can be you told me about those days," Betty said softly as she laid her little hand caressingly on Aunt Anne's cheek. "They will be lots nicer now I know what they're named for, won't they, Billy?"

"Sure thing," Billy agreed.

### What Constitutes a State?

What constitutes a state?  
Not high-raised battlements or labored mound,  
Thick wall or moated gate;  
Not cities proud, with spires and turrets crowned;  
Not bays and broad-armed ports,  
Where, laughing at the storm, rich navies ride;  
Not starred and spangled courts,  
Where low born baseness waits perfume to pride.

No! Men—high-minded men—  
With powers as far above dull brutes endued,  
In forest, brake, or den,  
As beasts excel cold rocks and brambles rude;  
Men, who their duties know,  
But know their rights, and, knowing, dare maintain;  
Prevent the long-aimed blow,  
And crush the tyrant while they rend the chain.

These constitute a state;  
And Sovereign Law, that state's collected will,  
O'er thrones and globes elate  
Sits empress, crowning good, repressing ill.  
Smit by her sacred frown,  
The fiend Dissension like a vapor sinks;  
And e'en the all-dazzling crown  
Hides his faint rays, and at her bidding shrinks.

—Sir William Jones.

### The Chinese Theory.

A group of Chinese boys was discussing the relative merits of two billboards—one advertising Carnation Milk, the other Bull Durham. One of the boys was explaining the signs to the others, so:

"In America they have he cows and she cows. The she cows give milk, and the he cows give tobacco."

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One of these now comes to the help of your Pocket-book.

Through the simple process of Thinking Hard (and being Candid with ourselves) we have found a Short-Cut to make the best Safety Tread ever put on a Tire cost us only about 5% more than it costs us to make the Plain-Tread of similar quality.

By testing out these Goodrich Safety-Tread Tires on a large number of Taxicabs (where they could be competitively observed and carefully checked up at the end of each day's use) and by comparing their actual performance with that of our own, and other Plain-Treads, of much higher price, we have had this fact forced upon us—

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So MUCH more Mileage, for only 5% more Cost looked so good to us that we decided to give Car Owners the benefit.

Here's what we now offer you!

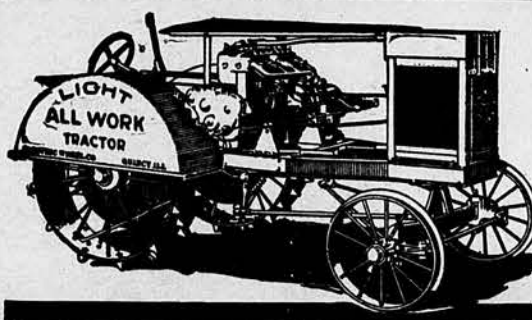
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AKRON, OHIO

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30x3½	12.20	13.35	14.20	21.70	23.60
32x3½	14.00	15.40	16.30	22.85	25.30
34x4	20.35	22.30	23.80	31.15	33.55
36x4½	28.70	32.15	33.60	41.85	41.40
37x5	33.90	39.80	41.80	49.85	52.05

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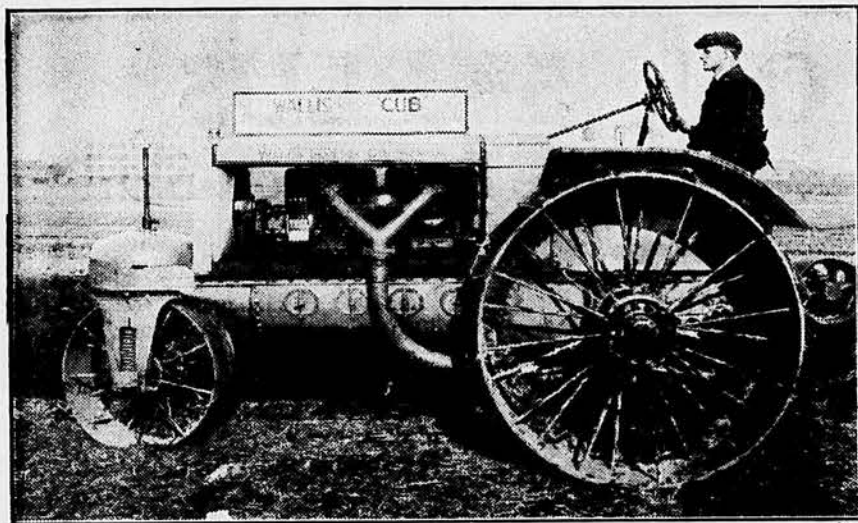
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Postpaid. Dr. C. L. Barnes, of the Veterinary Dept. of the Kansas State Agricultural College, says: "Fli-Kil is certainly the best preparation I ever used. The flies would simply swarm around the wound until they came into the presence of the Fli-Kil, when they would suddenly fall over. I can highly recommend Fli-Kil from its use." Fli-Kil pays for itself more than a hundred fold. A trial will satisfy you, or your money back. Car-San Disinfectant beats all for killing lice, mites and disinfecting poultry houses, pig pens, stables, etc. Large trial sample and circulars FREE with your first \$1.00 order for Fli-Kil. Don't delay. Now is the time. **PRESCOTT SALES CO., 304 Trades Bldg., Kansas City, Mo.**



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## Their Faith in Herefords

Marshall County Breeders Are Doing Great Things in Co-operation

BY JOHN W. JOHNSON

IT MAY be set down as a truth worth remembering wherever livestock roam the hills that no man will succeed in that business who is not willing to co-operate. The word is doing double duty, these days, but it is a fine, clean, and mightily inspiring word for all that. It is the word, and the spirit it engenders, that has made Marshall county what it is today in livestock. And that is saying much, not only with respect to Herefords but to hogs and horses and cows. In such a county men do things worth while. It is through the earnestness of such men, imbued with such spirit, that the Hereford history and Hereford popularity are being preserved in Kansas.

The white-faces were introduced into Marshall county 40 years ago by J. B. Woodard and Walter Morgan of Irving. Mr. Morgan, son-in-law of the late Thomas Ashton, a native of Herefordshire, England, is living contentedly and in excellent health with his son-in-law, Frank Preston. Mr. Preston is continuing with the same herd, and is one of the active and enthusiastic Hereford men of the county.

Thomas Ashton brought from England, in 1852, one of the very first importations of Hereford cattle ever seen in this country. He settled in Ohio but came west with Mr. Morgan in 1872 locating in Marshall county and establishing there some of original Ashton importation. From this foundation sprang the Morgan, now the Preston herd, one of the oldest, possibly, in Kansas.

### Herefordshire of Kansas.

With these two herds at Irving as an incentive others were founded all over the county so that now Marshall is often referred to as the "Herefordshire of Kansas."

The herds finally became so numerous that a few years ago the breeders organized a show and sale association which prospered for a time but for the last two or three years has been inactive. William Acker of Vermillion is the president and Frank Preston secretary. The association will be put in working order next fall and Marshall county Herefords will be again in the public eye.

Noted herd bulls have been numerous in Marshall county. Walter Morgan introduced Silver Lord, a son of the great Anxiety 4th. Among the earlier breeders who assisted materially in building up Hereford interests there was the late F. D. Yarrick. After Mr. Yarrick's death his son-in-law, E. R. Morgan, continued the herd and introduced the grand champion bull, Onward 18th. Judge Goodwin for a number of years was a strong factor in Hereford affairs in Marshall county. His farm was the home of Alliant, a bull of great scale and quality by the famous Corrector. At the death of Judge Goodwin his Hereford business was continued by his daughter, Miss Lou Goodwin. Among the choice bulls in Miss Goodwin's herd was Beau Mystic, another grand champion. J. M. Winter was another constructive breeder. It is believed by many that his was one of the really great herds owned in the West a few years ago. He introduced the two great sires, Theodore by Wild Tom and Sheridan by Boatman. At his death his son B. M. Winter took up the work and now has a fine herd. Unfortunately in one sense these three great herds have been dispersed, but fortunately the enterprising Hereford breeders in the county absorbed the herds.

### Some Notable Sires.

Cottrell Bros. and later Fred Cottrell of Irving have long maintained one of the largest and strongest herds in the county. The chief sires in service were Governor by Boorman and Constantine by Baccalaureate. Drennen Bros. established and own one of the strongest herds in the county. Beau Donovan and Brightlight by Lamplighter did excellent work in their herds. S. W. Tilley, one of the older breeders, has one of the large herds. One of his leading bulls is a son of the great Majestic. William Acker, president of the association for 20 years a Hereford breeder, has an excellent lot. The great bull, Abercrom-

bie, has left his stamp upon Mr. Acker's herd. C. G. Steele's herd was brought prominently to the attention of Hereford breeders everywhere recently when he bought the great bull Pursifal 24th. The picture of this bull adorns the first cover page of the Farmers Mail and Breeze this week.

J. F. Sedlaeck is a young breeder with a most excellent herd. George E. Miller, son-in-law of Judge Goodwin, has an excellent herd in which the breeding of the great Beau Mystic predominates. B. E. and A. W. Gibson are building well on a solid foundation in Hereford breeding. Thomas Wallace owns one of the good herds and will be remembered as buying the Bull Christy in the Miss Lou Goodwin dispersion. James Shaughnessy is a progressive, wide-awake Hereford breeder and successful farmer. His herd is headed by the bull Rex 415054. E. W. Ringen, is getting to the front with a good herd. Howell Bros. of Herkimer, Kan., are proprietors of one of the good herds in the county. W. B. Hunt & Son are among the older breeders of Herefords. W. W. Hunt, the junior of this firm, was a member of Mr. Kinzer's famous judging team, and he and his cousin, Ralph Hunt, won honors at Chicago and other leading shows. Ralph Hunt is now connected with the animal husbandry department of an agricultural college in one of the southern states.

### The Shorthorn Family.

Shorthorn cattle breeders in Marshall county are popularizing their favorite breed. Dr. P. C. McCall of Irving and A. B. Garrison & Son, G. F. Hart and H. A. Berens, all of Summerfield, are among the leading breeders of Shorthorns in this county. Gallop Bros. at Blue Rapids, also have a good herd. The three breeders at Summerfield live within a short distance of that place. Dr. McCall lives a short distance from Irving.

The dairy cattle breeding business is well represented with C. H. Mills, Joe Krasney and B. N. Welch of Waterville who breed high class Jersey cattle. The three herds came from the famous Chester Thomas herd that was dispersed at Waterville two years ago. The best of breeding prevails in the three herds. Lackland Bros. at Axtell breed and import from Wisconsin Holsteins and are from that famous Holstein state. They are good men to get in touch with for the buyer.

The breeding of registered hogs of the several breeds is well represented. A. L. Albright, N. E. Copeland, W. F. Fulton, all of Waterville; A. B. Garrison & Son, and one or two others are the leading Poland China breeders. Howell Bros., Herkimer, J. M. Layton, Irving, A. B. Skadden & Son, Frankfort, W. J. Harrison, Axtell, are the leading Duroc-Jersey breeders. Mr. Layton also breeds O. I. C. hogs and Red Polled cattle. Ben Swank & Sons, Blue Rapids, breeds Poland Chinas and Duroc-Jerseys. Mr. Swank is one of the older breeders of purebred hogs in the county. F. B. Weimpe, Frankfort, breeds Hampshires and has a good herd. John Byrne, connected with one of the banks at Axtell, breeds Barred Rock chickens and has excellent pens of leading strains of both White and Barred Rocks.

The breeders in Marshall county are a progressive and wide-awake group. This is shown in the efforts of the Marshall County Hog Cholera Eradication association. The United States government provides the serum and the services of an instructor in charge, and all of the work is done under his direction. The state agricultural college contributes the services of Dr. O. E. Stradtman who has the educational work in the county in hand. He assists with the other work and delivers illustrated lectures at many points in the county. Ben Bell, a hog breeder, is deputy livestock sanitary commissioner. Permanent headquarters at Marysville are in charge of B. W. Murphey, assigned by the federal government. Every farmer in Marshall county takes an active interest in the work and wonderful progress has been made since June, 1914, in eradicating hog cholera.

Save all the manure to grow next year's crops.



### Careful of Fire July 4

We are again nearing the annual celebration of Independence Day and it would seem that a few timely hints as to the proper observance of the day, to the end that less fatalities and less fire waste be committed, would not be amiss and I would suggest that in view of the terrible conflict now being waged among our sister nations an added weight of sentiment be given the sane Fourth movement in that the day's celebrations should suggest the pleasures of peace rather than the horrors of war.

If explosives must be used the authorities should limit their use to public parks and to certain hours of the day, having close supervision by competent persons. The firing of any kind of explosives among the closely built frame buildings which compose most of our cities certainly is in accord with the reckless spirit that is sometimes indulged in regarding fire. If before any celebration all cities and towns would have a thorough cleaning up of the rubbish that may have accumulated and the use of explosives be restricted as to time and place, the police and fire wardens might have at least a fighting chance to minimize the results. In lieu thereof it is the duty of every city to arrange for its people suitable amusements or exercises of a patriotic nature tending to teach patriotism and loyalty. This office will be glad to provide upon application interesting programs of this nature.

To this end we beg to recommend that so far as it is possible a sane Fourth of July be observed; that trash and other combustible materials be removed from the proximity of any celebrations; that sane Fourth ordinances be passed and strictly enforced where it is practicable and that the fire works ordinance recommended by this department be used where it is possible.

In this connection it might be of interest to note that the number of deaths and injuries as a result of the celebration of Independence Day has decreased from 4,449 in 1903 to 1,506 in 1914, a decrease of about 66 per cent which should in itself lead us to be encouraged and to urge the good work on. Let us make every effort to make 1915 break the record.

L. T. Hussey.

State Fire Marshal.

### A Good Way to Spend the Fourth

(Continued from Page 10.)

holiday. We drive about two miles to large timber where we meet several friends. Our hammocks are hung, robes and pillows spread, then the men take up their lines and fish. Everyone has enough to eat, has a good time, and has the quiet that a small picnic affords with no one hurt. All go home happy after a day of real rest.

Lulu Landis.

Robinson, Kan.

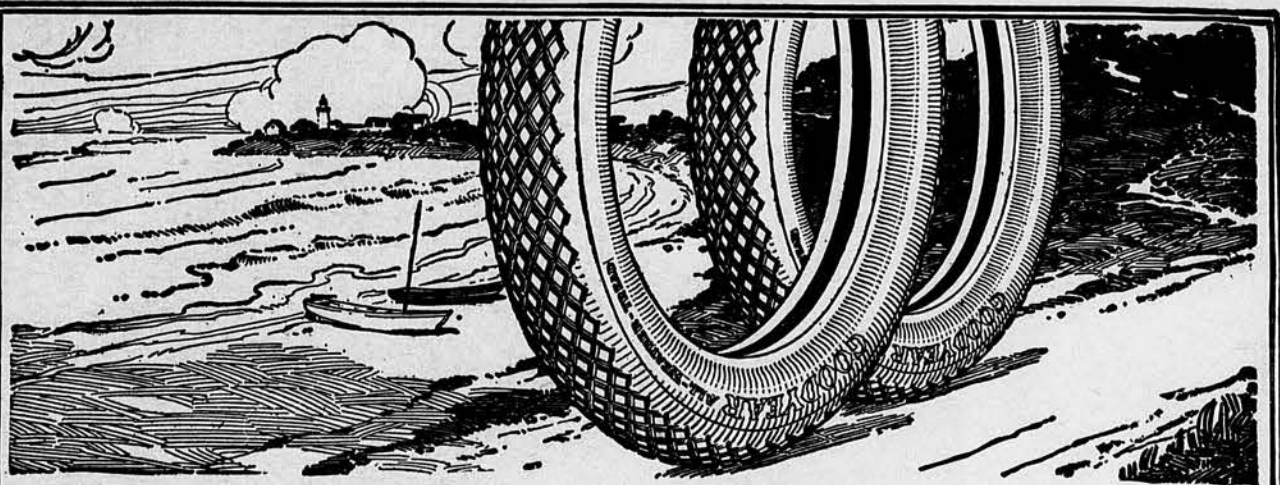
### New Game for the Children.

A few patriotic games will be enjoyed by the children on the Fourth. In the game of "Rally 'Round the Flag" they form a circle, with one in the center holding an American flag. If the staff of the flag is 4 feet long all the better; and it should be pointed at the end. The children join hands and sing:

The Union forever! Hurrah, boys, hurrah!  
Down with the traitor! Up with the star,  
While we rally round the flag, boys, rally  
once again,  
Shouting the battle cry of freedom!"

When the children sing, "Hurrah, boys, hurrah!" they wave their right hands high in the air. As they sing, "Down with the traitor!" all stoop to the ground. As they sing "Up with the stars," all jump up, and the child in the center waves the flag to the end of the verse then sticks the sharp end of the staff in the ground. As the children begin to sing the third line, "While we rally round the flag," they join hands and circle around until the verse is finished, when they drop hands and run, while the child in the center counts, "One, two, three, four, five, six, seven, eight, nine, ten, halt!"

If the standard bearer sees any child's feet move after he cries "halt," he has the privilege of tagging that child, who is then an ally of the standard bearer and helps tag the other children he sees moving. If a child can reach the flag and touch it without his movements being seen by the standard bearer or his allies, he is free. When all have gained freedom, or been caught, the game is finished and may be repeated if desired, choosing a different standard bearer.



Goodyear Passes Goodyear

## \$500,000 Better Yet Users Pay \$5,000,000 Less

### Note these amazing facts:

Goodyear tires, as built this year, will cost us \$500,000 more than if built like 1914 Goodyears.

That's because of improvements.

Yet this year's output will cost our users some five million dollars less than if sold at 1914 prices.

That's because of a big price reduction, made February 1st. It was our third in two years, totaling 45 per cent.

### Why Better Tires?

You ask why we add that half-million dollars in face of such reductions.

We have always added every betterment our experts could discover. And we spend on research \$100,000 yearly just to seek improvements out.

Goodyears may pass Goodyears, but we make sure that no rival ever can.

**What Extras Cost**  
Goodyear Fortified Tires embody many ex-

tras. Five of them are features found in no other tire that's built. Others are found in but few.

Based on current output, those extras this year will cost us \$1,635,000.

That is, if we omitted our exclusive features, which all others do omit—

And other protections which most makers omit—

We could probably add to our profits this year more than 1½ million dollars.

### But What of You?

But Goodyear users would pay. Those extras save our users many times the cost to us.

In those extras lies the reason why Goodyear outsells any other tire. And in that mammoth output lies the reason for the value that we give.

Think of these things when other tires are offered. Each Goodyear extra means a saving to you. Any dealer, if you ask him, can supply you Goodyear tires. (2413)

**GOOD YEAR**  
AKRON, OHIO  
**Fortified Tires**

Fortified Against

- Rim-Cuts—by our No-Rim-Cut feature.
- Blowouts—by our "On-Air" cure.
- Loose Treads—by many rubber rivets.
- Insecurity—by 128 braided piano wires.
- Punctures and Skidding—by our double-thick All-Weather tread.

**THE GOODYEAR TIRE & RUBBER COMPANY, AKRON, OHIO**  
Makers of Goodyear "Tire Saver" Accessories; also Goodyear "Wing" Carriage Tires and other Types



**EXTRAORDINARY OFFER—30 days free trial on this finest of bicycles—the "Ranger."** We will ship it to you on approval, freight prepaid—without a cent deposit in advance. This offer absolutely genuine. **WRITE TODAY** for our big catalog showing our full line of bicycles for men and women, boys and girls at prices never before equaled for like quality. It is a cyclopedia of bicycles, sundries and useful bicycle information. It's free.

**TIRES, COASTER-BRAKE** rear wheels, inner tubes, lamps, cyclometers, equipment and parts for all bicycles at half usual prices. A limited number of second-hand bicycles taken in trade will be closed out at once, at \$3 to \$8 each.

**RIDER AGENTS** wanted in each town to ride and exhibit a sample 1915 model Ranger furnished by us. It costs you nothing to learn what we offer and how we can do it. You will be astonished and convinced. Do not buy a bicycle, tires or sundries until you get our catalog and new special offers. Write today.

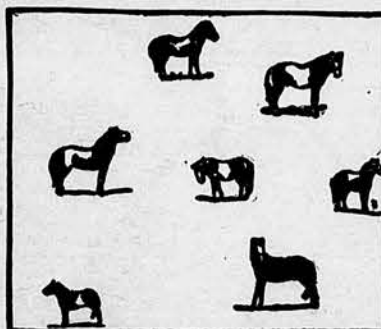
**MEAD CYCLE CO., Dept. S-177, CHICAGO, ILL.**

### Save Money, Save Your Chickens

**GERMEX**—Cheapest and best roup and cholera preventive and treatment, does the trick. Save 50¢ of your protection cost and raise more chicks. 25 cent package makes a pint of concentrated liquid GERMEX. Order today; postpaid. The Colwell Remedy Co., Pawnee City, Nebraska

When writing to advertisers please mention the Farmers Mail and Breeze.

### Solve This Puzzle and Win a Prize



Here are seven ponies in a pen. By drawing three straight lines you can put each one in a pen by himself. If you can do this we will send you as a prize, a packet of five beautifully embossed postcards litho graphed in rich colors, and also a certificate for 1500 Free Votes in our grand contest for two beautiful Shetland ponies. All you have to do is to enclose a two cent stamp in your letter to pay postage and cost of mailing.

### Two Ponies Given Away

Remember the Ponies will absolutely be given away in the grand contest which we will tell you all about. Send your answer at once so you can be entered in this great contest. Full particulars by return mail.

A. M. PIPER, 910 Federal Bldg., Des Moines, Iowa

### SAVE HARNESS MONEY

Hundreds of amazing bargains! Write now for free copy of our new catalog, with life-like pictures of harness, saddles, bridles, blankets, bits, etc.

### Special Offer

Here's a dandy extra heavy copper riveted halter, 1½ inch wide, sells for \$1.50 everywhere; our special offer \$1

—Prepaid—

### We Prepay the Freight

Save you from 30 to 50 per cent, guarantee our goods for two years, refund on the minute if goods don't suit you. Send goods with privilege of examination. Get catalog TODAY—it's free for the asking—and see our wonderful direct-from-maker bargains.

H. & M. Harness Shop, Dept. K, St Joseph, Mo.



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WHITE PLYMOUTH ROCKS ONLY FOR 18 years. \$1.00 for 15, \$4.00 for 100 eggs. Josias Lambert, Smith Center, Kan.

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DUFF'S MAMMOTH BARRED ROCKS. Young and old stock ready to ship now. Half price. A. H. Duff, Larned, Kansas.

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EGGS. S. C. BROWN LEGHORN. WON first on cockerel, pullet and pen. \$2.00 per 15, \$5.00 per 100. H. N. Holdeman, Mcade, Kan.

SINGLE COMB WHITE LEGHORNS. Chicks hatched now lay this winter. Eggs special price \$3.00 per hundred. Harry Givens, Madison, Kan.

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WHITE WYANDOTTE EGGS AND COCKERELS from prize winning stock. Eggs, 15 for \$1.00, 50 for \$3.00, 100 for \$5.50. We guarantee nine chicks per setting or duplicate at half price. Cockerels \$2.00, 3 for \$5.00. G. A. Wiebe, Beatrice, Nebraska.

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BUFF ORPINGTONS. SPLENDID LAYERS and prize winners. Can please you. Catalog ready. August Petersen, R. 2, Churdan, Iowa.

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SETTING SEASON OVER. I WANT to start you in the Light Brahma business with my fine \$3 and \$5 hens at \$1 each and eggs at \$1 for 100. Mrs. J. R. Kenworthy, Wichita, Kansas.

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BLACK LANGSHAN EGGS. FROM MY best pens and yard, at 1/2 price. \$1.50 and \$3.00. J. A. Lovette, Poultry Judge, Mullinville, Kan.

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INDIAN RUNNERS, SILVER CUP WINNERS. Burt White, Burlingame, Kan.

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PURE SUDAN GRASS. 25C A LB. PREPAID to your station. Advantages of our seed: 1. Kansas grown. 2. No Johnson grass or other pests. 3. Inspected and approved by the Kansas Experiment station. 4. Not grown near other sorghums. 5. Good germination test guaranteed. W. H. Gould & Sons, Dodge City, Kan.

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WINTER EMMER—HARDEST OF ALL cereals. Stands drouth best. Provides more winter pasture than rye or wheat. Yields 50 to 125 bushels. Resists Hessian fly and chinch bugs. Write for samples, prices and booklet about successful "101" Ranch winter grain crops, also forage crops—Sudan grass, Seeded Ribbon cane, kafir, feterita, etc. Miller Brothers, "101" Ranch, Box J, Bliss, Okla.

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IF YOU WANT TO BUY, SELL OR LEASE hotels, write me. E. Coltrane, Hotel Broker, Hutchinson, Kansas.

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WANT CLEAR FOR EQUITY, 10 ROOM house, barn, 8 lots in Winfield. Price \$5,000.00. Mtg. \$1,000.00. Progressive Realty Co., Winfield, Kan.

160 ACRES IMPROVED, WILSON CO., Kan., \$10,000. 3 houses Fredonia, Kan., \$2,200. Trade for farm north of Kaw and east of Blue rivers. Bader & Webster, Junction City, Kan.

GROCERIES AND CHINAWARE; NO FIXTURES; to exchange clear for clear land or town property; goods are new; in stocks from \$1,000 to \$25,000. Ernest Key, 302 Poyntz Ave., Manhattan, Kan.

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WOULD EXCHANGE — BEST FORTY acres in Douglas county. J. D. Kennard, Lawrence, Kan.

SWEDS, GERMAN, BOHEMIAN OR ANY good farmers write for my booklet of 50 irrigated farms. No payment required; 1 to 10 years to pay. In North Texas not far from Ft. Worth and Dallas. E. C. Stovall, Owner, Graham, Texas.

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FOR SALE—160 ACRES IN CHEYENNE county, Kan., level, \$1,600, terms. Peter Meyer, Waltham, Neb.

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FOR SALE—GOOD IMPROVED 80 NEAR Cherryvale, Kansas. Will take good plow tractor for part. Murry Diven, Coats, Kan.

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

BUY MEADE CO. LAND. GOOD CHOICE wheat land \$15 ac. up. Close to town. Come and see me before you buy. J. P. Ballard, Plains, Kan.

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IMPROVED FARM 320 ACRES; PART BOTTOM; 4 ml. Winfield. Owner non-resident; must sell. For improved acreage tracts, city homes, write Progressive Realty Co., Winfield, Kan.

SOUTHEAST OKLAHOMA WHEAT AND oat farm for sale extra cheap direct from owner. Need money quick in other business. Half cash, balance easy. W. J. Milburn, owner, 701 Colcord Bldg., Oklahoma City, Okla.

PRODUCTIVE LANDS; CROP PAYMENT or easy terms along the Northern Pac. Ry. in Minn., N. D., Mont., Idaho, Wash. and Ore. Free literature. Say what state interests you. L. J. Bricker, 46 Northern Pac. Ry., St. Paul, Minn.

FREE LAND—ANOTHER DISTRIBUTION of choice land, part of Demonstration Plantation, the show plantation of the South. Free to people having it improved within five years. Need never live on the land. Address Commissioner H. L. Holmes, Block 31, Calvert, Alabama, for particulars.

FARM FOR SALE—MISSISSIPPI'S WONDERFUL oats, record breaking corn crops and prize winning cattle, combined with her excellent low priced farm and splendid health conditions, are attracting more responsible northern farmers than any southern state. This is our call to you. Write for illustrated booklet. Information Bureau, Box 92, Jackson, Miss.

OKLAHOMA—160 ACRES FERTILE PRAIRIE valley, 1 1/2 miles Blocker, Pittsburg Co., Okla. (Choctaw Nation). 110 cultivated; 50 pasture; 6-room house; other buildings; splendid water; new land, new improvements; healthy climate; fine neighborhood. Price including 80 acres growing crops \$6,500 (worth \$8,000), favorable terms, or will sell \$8 and lease remainder to purchaser J. M. Hughes, (owner), Blocker, Oklahoma.

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 1/2 by 205 feet, eight room house, modern in every detail, hardwood finish, four fine mantels and grates, of oak, brick and tile, big sleeping porch, 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.

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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.

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BE A DETECTIVE. EARN \$150 TO \$300 per month; travel over the world. Write Supt. Ludwig, 401 Westover Bldg., Kansas City, Mo.

I CONDUCTED GOVERNMENT EXAMINATIONS—can help you secure railway mail or other government positions. Trial examination free. Osment, 38R, St. Louis.

FARMERS WANTED—MEN AND WOMEN everywhere. Government jobs \$70 month. Short hours. Vacations. Rapid advancement. Steady work. Many appointments during summer and fall. Common education sufficient. Write immediately for list of positions now obtainable. Franklin Institute, Dept. A. 51, Rochester, N. Y.

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GOVERNMENT FARMERS WANTED. \$60 to \$125 monthly. Age 21 to 50. Osment, 38R, St. Louis.

FIREMEN AND BRAKEMEN; \$100 monthly. Experience unnecessary; hundreds needed by the best railroads everywhere. Particulars free. 798 Railway Bureau, East St. Louis, Ill.

WANTED. MEN AND WOMEN TO QUALIFY for government positions. Several thousand appointments to be made next few months. Full information about openings, how to prepare, etc., free. Write immediately for booklet G-68. Earl Hopkins, Washington, D. C.

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SELL REINFORCED CONCRETE STAVE silos. Write Success Silo System, Kansas City, Mo.

OPEN TERRITORY FOR TABER LINED Silo, the only non-shrinkable wood silo manufactured. Address Taber Lumber Co., Dept. I, Keokuk, Ia.

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CREAM WANTED—THE INDEPENDENT Creamery Company of Council Grove, Kansas, buys direct from the farmer. Write for particulars.

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## MUSIC

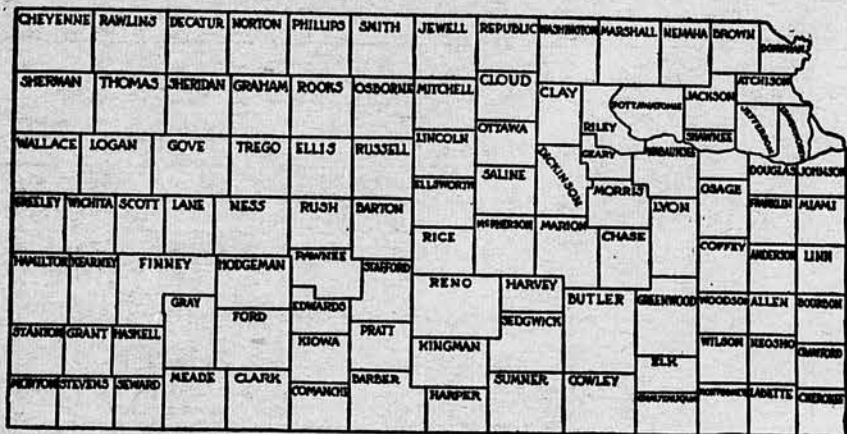
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# The Weather Still Is Wet

Harvest Will Begin Soon on Soft Fields—Crop Conditions Are Very Favorable in Gray County



WET weather still continues to delay the farm work in eastern Kansas, but farther west the extra moisture has been well received. This is especially true in Gray county, where the crops are looking very good. There will be an immense acreage that will be planted over, to feterita, milo and other quick maturing crops. Considerable hail damage is reported from the wheat belt.

## KANSAS.

**Greeley County**—The last week has been fine and farmers are rushing their crops in. A great deal of listed stuff had to be replanted. Barley and wheat doing very well. F. C. Woods, June 19.

**Kingman County**—Plenty of rain. Wheat damaged some by fly. Kafir nearly all must be planted over on account of rain. Pastures good. Stock doing well. Wheat \$80 to \$1. B. F. Shelman, June 15.

**Lincoln County**—Weather getting drier. Wheat will be ready to harvest about June 26. Corn small and will not be laid by before harvest. Grass good. Stock doing well. Alfalfa all stacked. E. J. G. Wacker, June 17.

**Barion County**—Heavy rains the last two weeks have delayed farming. Corn is making a slow growth. Crops damaged by hail in some parts of county. Harvest will begin about July 1. Wheat looks good. J. A. Johnson, June 19.

**Wyandotte County**—This is the wettest season for some time. Few corn fields have been cultivated since they were planted and the ground is weedy and water soaked. There is the poorest prospect for corn in years. G. F. Espenlaub, June 19.

**Scott County**—Fine weather for crops. Corn is large enough to cultivate. Most of the cane and feterita planted before the heavy rains must be replanted. Some wheat injured by hail. Grass the best in years. No disease among stock. J. M. Helfrick, June 19.

**Linn County**—Heavy rains continue with much damage to crops and property. A cyclone passed through the county this week doing considerable damage to property and killing some stock. Oats good. Most of the kafir is to be planted yet. A. M. Markley, June 19.

**Marshall County**—Heavy rain on June 17 smashed the small grain down flat on the ground. Second crop of alfalfa will be a heavy crop. The heavy rain of June 17 overflowed all the lowlands and did considerable damage. Potato crop will be heavy. F. G. Stettinich, June 18.

**Pratt County**—Plenty of moisture and thousands of acres of wheat and other crops have been badly damaged by hail. Wheat is damaged some by fly and straw worm. Grass is better than for several years. Alfalfa doing very well. Stock doing well on grass. J. L. Phelps, June 19.

**Elk County**—The heavy rains continue with hard wind storms. Corn badly washed out and it will be replanted as soon as it is dry enough. First crop of alfalfa badly damaged. Pastures good and livestock doing well. Some fields of prairie hay badly damaged by rain. Mrs. S. L. Huston, June 18.

**Dickinson County**—Plenty of rain and wind and cool weather. Not much harvesting will be done before July 4. Wheat damaged some by fly. Oats beginning to head. Most of the corn has been worked once. Some kafir and feterita planted three times. Second crop of alfalfa coming fast. F. M. Lorton, June 20.

**Sumner County**—Wheat harvest will begin about June 24. Some wheat looks good but a lot of it will be poor. Oats are all headed out and look fine. Most all the corn and kafir has been replanted the last week. Wheat \$1; corn 85c; oats 55c; cattle 5c to 7 1/2c; hogs 7c; eggs 12c; butterfat 25c; broilers 15c. E. L. Stocking, June 19.

**Grant County**—Weather fine for the last week for working the ground. Crops late on account of the wet spring. Farmers about through planting but some feed is to be put in yet. Corn looks very good. Grass is fine and all stock doing well. Alfalfa being cut and it is good. Horses and cattle high. Maize 90c. J. M. Kinsman, June 16.

**Harvey County**—Corn weedy and backward and a good deal of it replanted. It is still rainy. Wheat looking bad because of rust and the effects of the fly and much of it is falling down. The average yield will be light. Pastures good and livestock doing very nicely. Wheat \$1; corn 65c; eggs 13c; chickens 16c. H. W. Prouty, June 18.

**Greenwood County**—Crop conditions discouraging on account of too much rain. Corn stand is poor and much of it will have to be replanted. It is too wet to plant kafir or other forage crops. Nearly all the first crop of alfalfa was damaged and some of it is not cut yet. Oats poor and the

acres is small. Wheat below the average. Stock of all kinds doing well. Pastures and meadows very good but weedy. John H. Fox, June 19.

**Wallace County**—We have had 10 days without rain and the weather is getting warm. Some listed fields were getting very weedy and alfalfa was getting over-ripe on account of wet weather but the cultivator and mowing machine are being used now. All crops growing rapidly. Pastures were never better and stock doing well. Charles McKinley, June 18.

**Gray County**—Wheat is in the dough stage and harvest will begin by July 1. The prospects in this locality are fine. Corn and kafir look very well but some kafir and maize had to be replanted. Pastures good and stock thriving. A very large amount of new land is being broken for wheat. Potatoes very good. Eggs 14c; butterfat 21c. A. E. Alexander, June 19.

**Phillips County**—We have had a week and three days' work since the rain ceased. Wheat is looking fine. Some hail in this locality. Wheat planted in the stubble is damaged some by fly. All other crops look very good. Pastures fine. Stock doing well. Most of the alfalfa has been badly damaged by the rains. No hogs on the market. Corn 75c; wheat \$1.06. Roy Stanley, June 17.

**Ottawa County**—Excessive rain has delayed farm work very materially the last month. Wheat is filling well considering the moisture and it will yield nearly as well as last year. Harvest will begin in another week and the wheat will be cut mostly with binders. Corn is all planted. First crop of alfalfa nearly all spoiled by rain but second crop will be heavy. W. S. Wakefield, June 19.

**Leavenworth County**—It has rained so much of late the farmers have been unable to do much field work. Wheat is ripening and falling in some places but several warm, dry days will be needed before binders can be used. Corn is having a hard time with the weeds and wet weather, and it is turning yellow in places. There is still some wheat left from last year. George S. Marshall, June 19.

## OKLAHOMA.

**Kiowa County**—Clear, warm weather and farmers are rushing wheat harvesting. Many farmers are building granaries to store their wheat and hold it for better prices. A fine oat crop is ready to cut. Second crop of alfalfa is ready. Eggs 10c. T. Holmes Mills, June 19.

**Harmon County**—Crops in bad condition. More rain than in several years. A large amount of crops being planted over. Most of the alfalfa lost in the recent rains. Wheat and oats very good. Some wheat getting ripe. A few hogs being shipped. No sale for horses and mules. Eggs 20c; milo 70c cwt. R. R. Grant, June 13.

**McIntosh County**—Plenty of rain. Wheat has been cut between showers. Oat harvest has begun. Corn is from waist high to full tassels. Potatoes good crop. Peaches very nice but the brown rot is bad in early varieties. Cotton is below normal. Alfalfa ready to cut. H. S. Waters, June 16.

## Quick Crops

(Continued from Page 8.)

cane mixed and got a stand. The 3 acres made about 25 tons of feed, mostly well headed.

"Another patch of 2 acres was not planted until dry weather struck us. I seeded this to feterita July 10 after a sprinkle of rain. It stood about 3 inches high until August 10, when we had a good rain. Then it came out and part of it made good heads before frost. I cut up about 5 tons of roughage from this piece. I consider milo the best roughness. Feterita makes a little more grain, but it must be cut at the proper time or it shatters badly. If milo is cut up when in the dough the stock will eat it all, but if allowed to ripen the stalks become woody."

In eastern Oklahoma and in the southern part of eastern Kansas many farmers sow quick maturing varieties of corn when planting late. A letter received recently from a farmer in Oklahoma says:

"Here in eastern Oklahoma we have planted corn as late as July 10 and gathered a fair crop of well-matured ears, but the planting was on new land and

frost did not come until late. We used an early variety, Hickory King. In case of half a stand of early corn plant the missing hills with Whippoorwill cowpeas. If winter feed is the vital question both peas and corn may be cut and cured. If winter feed is not needed, after gathering the best of the corn and the first crop of peas, turn in the fattening hogs and the milk cows. The cows should be fed well, first, as the peas, like clover, are likely to cause bloat.

"If the entire field had to be replanted, half could be planted to Hickory King corn, the other half to cowpeas and feterita, with perhaps an acre of sorghum for hay, and 1 acre sown to Spanish peanuts on which to turn the fattening hogs. They would need only a little corn to finish them off."

The important thing with these quick maturing crops is to plant something—to give the land a chance to make some profit even if the conditions were not favorable in the spring. Pick out the crops that have given the best results in connection with quick maturity. Above all don't get discouraged if you have lost a stand or two of corn. There is plenty of time yet to grow a good feed crop if you will act promptly.

## Another Commencement Has Gone

Two hundred men and women were graduated last Thursday from the Kansas State Agricultural college. Most of these were in the farm or domestic science courses, and a very high proportion of the class expects to go back to the country. The commencement address was delivered by Dr. Charles A. Prosser, director of the William Hood Dunwoody Industrial institute.

Doctor Prosser, who is perhaps the foremost expert in vocational education in the United States, spoke on the subject, "Setting the Seen Above the Unseen." He presented the principles underlying vocational education, pointing out that its purpose was to prepare the man or the woman to work well. At the same time, however, he showed that general education and vocational education, to a considerable extent, overlapped. General education, he said, helps one to work better in one's chosen place in life, while no worthy vocational school fails to fit its pupils for intelligent citizenship.

While commending the efforts of colleges and universities to train men and women to be leaders in the professions and industries, he advocated further efforts to prepare the great mass of the people for efficient work in life. He emphasized service, which should be intelligent, effective, and happy.

## Strained Tendons

One of my mules apparently has rheumatism. He walks on his toes. Scammon, Kan. J. H. B.

Your mule probably has strained the tendons in some way. This has been followed by contraction of these tendons which causes the heels to be elevated, or the animal walks on its toes. You should first get the inflammation to subside by using the following treatment: Place a layer of cotton around the diseased tendons and a bandage to the outside of this. The cotton is to be kept moist with the following mixture:

Spirits of camphor..... 6 oz.  
Powdered alum..... 2 oz.  
Powdered sugar lead..... 3 oz.  
Water enough to make 1 quart.

After the inflammation has thus been reduced the animal must be subjected to a surgical operation which consists in cutting one of the tendons so that the heel will again reach the ground. You should have a competent, graduate veterinarian do this for you.

R. R. Dykstra.

K. S. A. C., Manhattan.

## Trim the Hedges

Is a person required to trim a hedge around an orchard if it is along the public highway? There is other hedge on the road that isn't trimmed. Cedar Point, Kan. M. L. T.

Yes. The law specifically requires you to trim the hedge. Your duty as a law-abiding citizen should not be based on what some other man neglects to do.

The highest duty of State and Federal Governments is to place agricultural education within the reach of all.

The farmer cannot be helped until he organizes, and the Government can best help the farmer through organization.



**PARIS GARTERS**

No metal can touch you

If you wear PARIS GARTERS, you forget you have them on. They are tailored to fit the leg and are very comfortable. They do not bind the leg; only the softest material comes in contact with your skin; no metal touches you. And your socks will stay up neatly and securely all the time.

Look for the name that is stamped on the inside of the shield when you buy; then you know you are getting the fullest value for your money.

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is the most perfectly constructed and easiest erected silo, has the most convenient Door-Ladder-Chute and Anchoring arrangement. Continuous hinged doors, independent ladders, circle faced chute. Water-proof frame, locked. Self-plumbed, Self-Sealed. Requires no expert to build. Costs less, and takes less time to build than other silos. Furnished single wall or double wall, any size from a wash tub to a Sky-Scraper. Sub-sill furnished. Prices the lowest. Write for complete information. Kansas City Silo Co., 508 Ridge Bldg., Kansas City, Mo.

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Direct to You. If you, or you and your neighbor together can use a car-load of lumber, why not buy it at wholesale prices? Send us your itemized bill for figures. Good grades—prompt service—and a big saving in cost. Lowest prices on Bole d'Arc posts. Write today.

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**\$12.00 Sweep Feed** | **\$14.00 Salvaged**  
Grinder. | Wind Mill.  
We manufacture all sizes and styles. It will pay you to investigate. Write for catalog and price list.

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Genuine Elgin Watch known as the world's most reliable make, sent by mail postpaid for \$12.00. Can examine at express office. 16 size, 7 jewel movement, stem wind, open face, silencing screw case. Regular \$12 value. If in need of good watch don't fail to order at this ridiculous low price. Money refunded if not pleased.

D. A. BATEMAN, 230 E. Market St., Louisville, Ky.

## MISCELLANEOUS

Advertisements under this heading will be inserted at 5 cents a word. Four or more insertions 4 1/2 cents a word each insertion. No display type or illustrations admitted.

**HARNESS AND SADDLES—WRITE TO** Inskeep & Schaubel, Manhattan, Kansas, for their new illustrated catalogue.

**FORMULA: FOR MAKING ANYTHING** under the sun sent for ten cents, three for 25c. John Schloesser, Charleston, Arkansas.

**WANTED TO RUN ENGINE OR SEPARATOR:** machinist; 9 yrs. field experience. M. L. MacPherson, Route 3, Carthage, Mo.

**WANTED — GOOD THIRTY SHOATS.** Well marked Holstein heifers and good quality stock calves. Write Fred P. Hill, Route 7, Topeka, Kan.

**WALNUT LOGS WANTED, 14 INCHES** and up diameter, in carload lots; cash paid at shipping point. Frank Purcell, 515 Dwight Bldg., Kansas City, Mo.

**FRITZ'S WIZARD FLY AND INSECT DESTROYERS.** Recommended by world's largest packers. 25 cents a package or \$2.25 per dozen. Ernst Meyer, Hope, Kansas.

**TELEGRAPH OPERATORS EARN GOOD** salaries. We train you in four to five months for actual service, either Morse or Wireless; positions sure. Write today. Wichita Telegraph College, Wichita, Kan.

**THE NICHOLAS-DERRINGTON CARBON** remover gives your engine more power and speed. Increases mileage forty per cent. Guaranteed to do more than claimed for. Write for particulars. Nicholas-Derrington, Box 185, Topeka, Kan.

**WANTED BY MARRIED MAN AND WIFE.** Middle aged, experienced Kansas farmers, want to rent a good stock proposition for a term of years, where owner and renter make good. Reference unlimited. Address 747 Park Ave., Racine, Wis.



# BIG BARGAINS IN REAL ESTATE

Dealers whose advertisements appear in this paper are thoroughly reliable and the many bargains are worthy of your consideration

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**BEST LANDS**, best prices, best terms. Write me. W. E. White, Geneseo, Kan.

320 A. wheat land, \$4, 1/2 cash, bal. 3 yrs. Owner, Box 443, Syracuse, Kan.

**ALFALFA** land, Sedgwick Co. Write for price list. G. R. Davis, Valley Center, Kan.

240 A. FARM, modern imp., 110 a. alfalfa. Neal A. Pickett, Arkansas City, Kan.

960 A. Hamilton Co.; all grass, plenty water. \$6 a. Walter & Patton, Syracuse, Kan.

**FINE** imp. farms \$25 up. Catholics write. New church. John Collopy, Turon, Kan.

**FORD CO.** farms, Catholic College and community. Millikan & Turner, Dodge City, Kan.

80 A. 3 mi. out. Good imp. 25 a. alfalfa. Price \$5,500. Decker & Booth, Valley Falls, Kan.

**EASTERN KANSAS** corn, alfalfa and wheat land \$40 up. A. E. Clark & Son, Pomona, Ks.

**SUMNER CO.** wheat and alfalfa farms. Write for list. F. J. Wolfe, Conway Springs, Kan.

190 A. IMP. 46 alfalfa, bal. wheat, corn, pasture, \$12,000. Lindholm & Son, Kingman, Ks.

**BARGAIN**—Choice, well improved quarter. Good terms. J. E. Sullivan, Effingham, Kan.

**IMP. FARMS**, alfalfa, corn and wheat lands \$50 up. Mott & Kohler, Herington, Kan.

**FARMS** and ranches, northeast Kansas. \$25 to \$125 acre. Geo. Loch, Marysville, Kan.

**FREE!** Illustrated booklet describing richest Co. in Kan. Hoesy Land Co., Columbus, Ks.

480 A. **ALL GRASS**. Every acre can be cult. \$12.50 per acre. Box 215, German Colonization Co., Plains, Kansas.

**MUST SELL**—12 highly improved alfalfa and grain farms; will pay car fare for 30 days to see these lands. Tate, Howard, Kan.

**HAVE 10 GOOD RANCHES** 1000 to 10,000 a., well watered, Barber Co. Wheat and alfalfa farms. Terms. Kackley, Hutchinson, Kan.

**BARGAINS** in imp. alfalfa, corn and wheat farms. Right prices, easy terms. Proctor & LeGrande, South Haven, Sumner Co., Kan.

**WHEAT, OATS, CORN, ALFALFA** lands. Famous Sumner County, Kansas. 1/2 wheat with farms. H. H. Stewart, Wellington, Kan.

**BARGAIN**: Improved 200 acres, 120 cultivated; 40 bottom, running water, timber; price \$12,000. Will consider small trade. Write Studebaker, Salina, Kan.

**PRATT CO.** well imp. choice 160, 4 1/2 ml. Preston. 130 a. wheat, 1/2 goes; bal. pasture. Phone, rural route. \$10,500; 10 years on \$3,000. Chas. E. Dye, Preston, Kan.

160 ACRES 12 1/2 miles from Garden City. Good smooth level wheat land, a bargain. Price \$1400 cash. Also other good bargains. Chas. I. Zirkle, Owner, Garden City, Kan.

**FINE** 400 acre stock farm, 240 acres cultivation. First class alfalfa, wheat and corn land. 160 acres pasture. Fine fencing, silo, barn and other improvements. \$37.50 per acre. Couch Land Co., Anthony, Kan.

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160 A. well imp. 1 ml. town. \$15,000. 240 a. fine improvements, \$24,000. J. Jensen, Hiawatha, Kansas.

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

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320 A. well improved wheat farm, 5 1/2 miles out. Close to school. 1/2 of 170 a. wheat goes. Price \$7,200. Terms. Nate Neal, Minneola, Kan.

160 ACRES in north Morton county; black loam soil; all in grass; every foot tillable; \$6 per acre. L. J. Pettijohn, Dodge City, Kan.

**WESTERN** lands in Kansas, Oklahoma and Colorado. Wheat and maize lands in any quantities. Cash or terms. W. F. Craddock, Richfield, Kansas.

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**FORD COUNTY FARMS**. 640 a. smooth wheat land, well improved, 6 ml. Dodge City; will subdivide; 440 a. cult., bal. grass. \$35 a. Other farms for sale. G. L. Painter & Co., Dodge City, Kan.

400 ACRES—WELL IMPROVED. Worth \$75 per acre, but on account of ill-health in family, will sell at a sacrifice. Chas. T. Thom, Isabel, Kan.

3120 A. **IDEAL RANCH**—Adjacent to Ness Co., Kan. In compact body; 90% tillable; 1,000 a. bottom alfalfa land; rich soil; 600 a. in cultivation. Two sets imp. Can lease 3,000 a. joining. Abundance water. Price \$30,000, terms. For particulars address C. F. Edwards, Ness City, Kansas.

**FOR SALE**. 40 acres, improved, three miles Valley Falls; 1/2 mile school. \$100 per a. 120 acres, improved. 3 1/2 ml. Valley Falls, 1/4 mile school. \$80 per acre. Bargains in any size farms. Write or see Harman Farm Agency, Valley Falls, Kan.

**WE OWN 13,600 ACRES IN FERTILE** Pawnee valley, smooth as a floor; best alfalfa and wheat land on earth; five sets of improvements; shallow water; will sell 80 acres or more. Frisell & Ely, Larned, Kansas.

**EVERYBODY SAYS** they're worth it. 1/2 ac. no imp., extra good, all in wheat, \$20,000. 1/2 sec., rolling, imp., good for stock farm, \$15,000. 160, no imp., priced right. 80 a. \$3,000. Clark & Keller, Pratt, Kansas.

**WHEAT AND ALFALFA LANDS**. Santa Fe Railroad land. Easy payments. Ellis Thornhill, Halstead, Kansas.

**COFFEY COUNTY, EASTERN KANSAS**. Good alfalfa, corn, wheat and tame grass lands. List free. Lane & Kent, Burlington, Ks.

**MORTON COUNTY, KAN., LANDS**. 320 acres, level, black loam soil, shallow to water. Price \$1400 cash. Investigate. Cecil B. Long, Richfield, Morton Co., Kan.

**WE HAVE FINE FARMS** of all sizes and ranches. We can suit the homeseeker or investor. Prices will undoubtedly be higher after our big crop is harvested. Let us send you free big list of bargains, illustrated. Buxton & Rutherford, Utes, Ness Co., Kan.

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**15 YEARS TO PAY FOR STOCK FARM IN CHASE COUNTY, KANSAS**. 320 acres 6 1/2 miles town, 70 acres cultivated, 10 acres alfalfa, timber, 250 acres best grazing. Everlasting water. Five room house, extra good barn, orchard, telephone, 1 1/2 miles school. Price \$12,500.00. \$1,500.00 cash, balance 15 years at 5 per cent. J. E. Bocook & Son, Cottonwood Falls, Kan.

**FARM BARGAIN**. One of the finest 80 acre improved farms in Nemaha Co., Kan., for quick sale, at a great bargain; terms, no trade. SEWELL LAND CO., GARNETT, KANSAS

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**Butler County Ranch**. 850 acres with 325 of finest bottom, 80 alfalfa, balance blue stem pasture. Highly improved. Ideal location. Inquire V. A. Osburn, El Dorado, Kansas.

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**WRITE US TODAY** for free lithographed maps of Ness County, Kansas, and list of land bargains. Miner Bros., Ness City, Kan. Established 1885.

**2—Rare Bargains—2**. Choice level 160 a. farm, \$4 a. cash. Also well imp. alfalfa farm 168 a. Perfect title. Immediate possession, \$50 a. Terms. Western Real Estate Exchange Co., Syracuse, Ks.

**I Appraise Property**. Topeka and Shawnee County, Kansas. L. F. GABLINGHOUSE, TOPEKA, KANSAS 10 years' experience. Reference, Bank of Topeka.

**80 Acres Only \$1000**. Only 7 mi. Wichita. Good, smooth black loam soil. Plenty bldgs. Possession at once. Only \$6,000. \$1,000 cash, time on bal. E. M. Mills, Schweitzer Bldg., Wichita, Kan.

**FARM SNAPS**. We shall sell four farms between now and September 1st at whatever they will bring. Your own price and your own terms. Will accept as low as one-fifth down—balance over period of twenty years if desired. This may seem "fishy" but we mean just what we say. If you can use one of these farms it will pay you to write for further information and description. 640 acres—choice for all grains and grasses improved—within eighty miles of Kansas City, near Sedalia—All Tillable. Any part of 800 acres extra choice, Linn County, Kansas, near good towns. 240 acres Labette County, Kansas—well improved—near Parsons. The best orchard bargain in United States; 218 acres, half orchard; thoroughly equipped, and combined with hogs and poultry. Eastern Kansas. Big crop this year. Refer any Bank in Kansas City. If interested at all, write us today. INLAND SECURITY CO., Commerce Bldg., Kansas City, Mo.

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**FARM LOANS**, Missouri, Kansas, Oklahoma and Arkansas, low rates, liberal privileges, most favorable terms. No delay. You get all you borrow. The Deming Investment Co., Oswego, Kan. Branch offices: Wichita, Kan.; Oklahoma City, Muskogee, Durant, Okla.; Little Rock, Ark.

**FOR SALE OR EXCHANGE**. 13,000 a. grazing land, half mile to Shoemaker, on main line Santa Fe R. R. Fenced and cross fenced. River through ranch. Price \$7 per a. This includes a farm of 100 a., 60 a. of which is in alfalfa under irrigation. Good house of 6 rooms and bath room, big porch, large barn, good orchard and nice shade trees, 10 head of horses and mules, all household goods and farm machinery. \$20,000 cash will handle this proposition, balance long time at 6% interest. Will take good Kansas or Oklahoma land up to \$30,000. Address, 88 Ranch, Optimo, N. Mex.

**FINE STOCK AND GRAIN FARM FOR SALE OR EXCHANGE**. 480 a., 158 a. in cultivation, 43 a. alfalfa and tame grass, remainder in blue grass pasture, 6 room house, barn 40x40, hay shed 4x60, 200 ton silo, other outbuildings, close to school, and town. Will consider exchange for good wheat land up to half value. Write for full description of this, and other farms for sale and exchange. MANSFIELD LAND COMPANY, Ottawa, Kansas.

**BUSINESS INCOME**. Three story solid brick building on Grand Ave. in the heart of the business center of Kansas City, Mo., to exchange for good farm or ranch. Write us for other bargains. THEODOR C. FELTZER INVESTMENT CO. 534 Scarritt Bldg., Kansas City, Mo.

**\$500,000.00** worth of Kansas and Oklahoma real estate mortgages wanted immediately, any amounts running any length of time. Submit your offers to Mr. Parks, Suite 414, Bitting Bldg. Wichita, Kansas

## MISSOURI

**KEBAN & WEGNER**, real estate, Lockwood, Mo. Write for information, English or German.

160 A. well imp. Well and spring. 60 a. cult., bal. timber. R. F. D. and phone, \$17.50 a. Terms. J. A. Hunt, Marshfield, Mo.

160 ACRES for \$1,200.00. 40 a. cult., bal. in virgin timber. 3 room house, barn, etc. Close to school and P. O. I have other bargains. R. F. Jenkins, Ava, Mo.

**ROCKAWAY BEACH**, the choicest spot on beautiful Lake Taneycomo in South Mo. Fine fishing, boating, bathing. Lots; Acres; Farms. Low prices. Easy terms. Literature free. A. Merriam, Ellis & Benton, Kan. City, Kan.

80 A. **WELL IMP.** 2 good springs. Cistern; 60 a. grass; orchard, bal. timber. Lists. A. Cawthra, Fordland, 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.

160 ACRES **POLE CO., MO.** Four miles from Bolivar, the county seat. Fine public road, rural mail, telephone. Farm highly improved. Best of soil, running water, ideal for raising blooded stock. Trade established. Prices right and liberal terms. (Owner.) K. H. Brown, Bolivar, Mo.

**Fine Southwest Missouri Farm AT A BARGAIN**. 320 acres, 250 in high state cultivation, fenced and cross fenced with wire, fine 3 room house, 3 good barns and other outbuildings, fine well, 4 everlasting springs and creek, 3 miles to good town on Frisco R. R., 1/4 mile to school, R. F. D. and telephone. \$37.50 per acre. Terms. R. S. Phillips, Marshfield, Missouri.

**AN OZARK BARGAIN**. Eighty acres unimproved fruit land, splendid neighborhood, one mile and half from railroad, same distance from Merimac river in Dent County, Missouri. Seven miles from Salem, the county seat; \$15.00 per acre. First check for \$1200 takes it, perfect title. I. D. GRAHAM CAPPER BLDG., TOPEKA, KAN.

**ARKANSAS**. WRITE Dowell Land Company for bargains in Arkansas lands. Walnut Ridge, Ark.

**RICH VALLEY FARMS** with all new buildings on most liberal terms ever offered. Valley Park Imp't Ass'n, Edwardsville, Ill.

**IF INTERESTED IN N. E. ARKANSAS** farm and timber lands, write for list. F. M. Messer, Walnut Ridge, Ark.

**ARKANSAS** farms and cut-over timber lands are safe and sensible investments. Right now is the time to buy. Write for list and pamphlet. Ben H. Crowley, Paragould, Ark.

122 A. 4 ml. of Waldron, Co. seat. 65 a. in cult.; valley land; 2 sets improvements; good fruit; good roads. Price only \$25 per a. Frank Bates, Owner, Waldron, Ark.

**STOP PAYING RENT!** Own your own home. Cheaper than renting. Our new plan tells you how. Rich, sure crop land, no rocks or swamps. Free Map. Tom Blodgett Land Company, Desk 3, Little Rock, Ark.

Best Stock-Grain-Hay Farm in this Beautiful Ozark Valley. Best Located—Attractive Home—Health—Scenic View. Price, Half Value, 205 acres, All Good. \$7,500—Terms. J. P. Hodge, Mansfield, Ark.

80 ACRES, bench and upland, with 60 cleared. House, barn, orchard, etc. Good neighborhood, 6 miles out. Price \$1,365.00. Other farm lands for sale. Write J. L. McKamey, Imboden, Ark.

**FREE GOVERNMENT LAND** Information; FREE MAP and list. Arkansas Dirt. Geo. R. Steinhauser, 501 Pine Street, St. Louis.

**TEXAS**. CHEAP LAND. McMullen Co., Texas. Only \$1 per a. cash, bal. 10 yearly payments. fine climate, all good land. F. A. Connable, Commercial Bank Bldg., Houston, Tex.

**NOW IS THE TIME TO BUY** good black prairie land near Houston; any size tract; very cheap; easy terms. L. Bryan & Company, Houston, Texas.

**YOU CAN OWN A FARM** With the rent you pay. Best land in famous corn and hog belt of Texas. Sold on rental terms. Crops the year round. T. Kingston, Harlingen, Texas.

**FOR SALE**. Farms, ranches and business propositions in south and southwest Texas, or lovely homes in Beautiful Yoakum. Are you interested? Write us just what you want and we will help you to get it. Can make you low prices and long terms. We also have some fine colonization propositions. Watch our ads. Woolsey-Lacy Realty Co., Box 246, Yoakum, Texas.



## COLORADO

**FOR SALE:** Fruit tracts and irrigated farms in Northern Colorado. Write me what you want. A. H. Goddard, Loveland, Colorado.

**A FEW REAL BARGAINS** in land. 160 acres all farm land, 5 miles from town, 1/2 mile to school; good little house, 20 feet to soft water. 35 acres in corn now. \$15 per acre. Harry Maher, Deer Trail, Colo.

**TWO FINE** improved Colorado farms 320 and 640 acres near railroad—7 and 12 miles from Denver. Good water rights, fully equipped and stocked for general farming, poultry and hog raising, all under cultivation. Big grain crops and big money makers. For quick turn price and terms address E. W. Genter, Owner, 619 Commonwealth Bldg., Denver, Colo.

## ELBERT COUNTY

20,000 acres of land in the rain belt in ELBERT COUNTY, COLORADO, where corn is making from 20 to 30 bushels, oats 30 to 80 bushels and all crops in proportion. \$8.00 to \$25.00 per acre, your terms.

Our specialty, 160 acres seven miles of good town and railroad, 120 acres in cultivation, north slope, fair improvements, all fenced, \$1,100 worth of crops were taken off of this farm in 1914. Price \$12.50 per acre. Terms.

Write us for description and literature. We need you and you need the land. THE SILLS LAND COMPANY, SIMLA, ELBERT COUNTY, COLORADO, or PUEBLO, COLORADO.

## OKLAHOMA

40 A., 3 room house, outbuildings, 20 a. cleared, 1 mi. P. O. Price \$300. Other farms cheap. Baker Land Co., Poteau, Okla.

**SOUTHERN REALTY CO., McAlester, Okla.,** is offering cheap farms and pastures in Eastern Oklahoma, on good terms. Write them if interested.

**I'M STILL SELLING LAND** at \$8 to \$30 per acre. Over 100 farm homes sold to readers of Mail and Breeze in the past ten years. My Free List and Map will interest you. Perry DeFord, Oakwood, Okla.

**F. M. TARTON & CO.,** will mail you list of farms in northeast Oklahoma. Write them. Vinita, Oklahoma.

**BARGAIN.** Well improved 160 acres in Kay County, 4 miles to town, 1/2 mile to school, crop worth probably \$1,000.00 goes if sold soon. \$2,500.00 cash. \$5,000.00 good terms. Mason Investment Co., Newkirk, Oklahoma.

**WHY STAY IN DEBT AND PAY INTEREST ON HIGH PRICED LANDS** or remain only a renter when equally good land is yet to be had at \$10, \$20 and \$30 per acre in Oklahoma? Write or come and see me. Frank Meadows, Hobart, Okla.

**Oklahoma Land For Sale** Good land in Northeastern Oklahoma; price from \$20.00 to \$35.00 per acre. Write for price list and literature. W. C. Wood, Nowata, Okla.

## NEBRASKA

**IRRIGATED lands \$40 per a. and up.** Grazing lands \$5 and up. Write for information. J. F. Calbaugh, North Platte, Neb.

**CHEYENNE CO.** wheat averages 25 bu. Corn 35. A few snags at \$15 to \$20. Easy terms. Osborn & Kratz, Bonded Abstractors, Sidney, Neb.

**COMB.** stock, grain and dairy farms. 50% cheaper than same quality land farther east. Howard & Richardson, Ravenna, Neb.

## MONTANA

**FAMOUS JUDITH BASIN, MONTANA.** Wonderful grain and stock country, rainfall unfalling, mild winters, delightful summers, healthful climate, crop failures unknown, extra fine stock ranches, natural alfalfa and timothy land, greatest non-irrigated grain growing section in United States, holds record winter wheat and barley. No destructive insects. Write for literature. J. W. Studebaker, State Agent, McPherson, Kansas.

## WISCONSIN

**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.

**WE WANT** more settlers to locate on the rich, mellow clay loam farm land in Rusk Co. Write for free map and folder. Faust Land Co., Box 101, Conrath, Wis.

## REAL ESTATE WANTED

**QUICK CASH** for property or business. No matter what or where it is. Special terms to owners. Dept. F, Co-operative Salesman Co., Lincoln, Neb.

## IDAHO

**IMPROVED** irrigated lands, \$60 a. up. Write for booklet. J. C. Lindsey, Twin Falls, Idaho.

**FLORIDA** Farming pays. Rich rolling lands. Practically every crop grown here profitably. Land prices below real value. Get in on ground floor. Write. Board of Trade, Box 501, Quincy, Fla.

The nation's menu must be made up from the fields, pastures, orchards and gardens, and to farm intelligently the farmer must know what is needed.

## Fat Cattle Are In Demand

Grain Was Somewhat Higher—Sheep Declined \$1 and Lambs \$2 During the Week

**THE** demand for fed cattle is increasing. Prices last week advanced 10 to 15 cents at Kansas City and are the highest this year. Some prime yearling steers and heifers mixed sold at \$9.50, and heavy steers up to \$9.35. A good many bunches of choice steers sold at \$8.75 to \$9.15. Heavy Colorado steers sold up to \$9, and fed steers from below the quarantine line up to \$8.50. Reports from both Colorado and Southern feeding sections indicate that most of the cattle have been marketed. Grass fat cattle are moving more freely though the receipts are still below normal for this season of the year. At this time last year Kansas was marketing that class, but this year the grass is too "washy" to put much gain on cattle.

Export demand for cattle is increasing. Monday, June 7, about 1,000 steers were bought by Armour & Co., in Chicago to go to Europe. Monday, June 14, Swift & Co. took a similar number and last Monday Morris & Co. took about 1,000. For several weeks past Swift & Co. have been exporting from Toronto, but in this country the big packers are anxious for that business. The cattle are going to France for army use.

Demand for butcher cattle was active at firm prices. The supply was small for the season of the year and fed grades were unusually scarce. Straight heifers sold up to \$9.30. Veal calves were 25 to 50 cents higher, top \$10.25.

The supply of stock and feeding cattle is light in keeping with the season of the year, and prices remain firm. As quarantine restrictions are removed in eastern states inquiry for thin cattle increases.

**Range of prices:**  
**STEERS.**  
Prime light, corn fat.....\$8.75@9.35  
Good to choice.....7.50@9.00  
Fair to good.....7.15@8.00  
Western steers, choice.....8.00@8.30  
Fair to good.....7.75@8.20  
Common to fair killers.....6.60@7.50

**COWS AND HEIFERS.**  
Good to choice cows.....\$7.00@7.50  
Fair to good.....5.50@7.00  
Cutter cows.....4.90@5.50  
Canners.....4.25@4.90  
Prime heifers.....8.75@9.50  
Fair to good.....6.75@9.00  
Common to fair.....5.50@7.50

**QUARANTINE CATTLE.**  
Steers, grain fed.....\$8.00@8.50  
Steers, meal and cake fed.....7.00@8.00  
Steers, grass fat.....4.80@7.75  
Cows and heifers.....4.50@7.00  
Cows, fair.....3.75@4.45

**FEEDERS AND STOCKERS.**  
Selected feeders.....\$7.00@8.50  
Good to choice feeders.....6.00@7.50  
Medium to good feeders.....6.35@7.00  
Common to fair feeders.....5.00@6.30  
Choice to fancy stockers.....7.00@8.70  
Medium to good stockers.....6.00@7.50  
Prime.....6.50@7.25  
Stock cows.....4.50@5.50  
Stock calves.....6.50@8.00  
Killing bulis.....3.00@6.75  
Veal calves.....5.00@9.50

## Lamb Prices Declined.

Lamb prices declined \$2 this week, and sheep \$1. The top price for lambs at Kansas City last week was \$9.50, compared with \$11.60 last week. This week's decline is attributed to the fact that prices for sheep have been the highest ever known and entirely out of line with cattle and hogs. Increasing supplies are expected from now on. Spring lambs are quoted at \$9 to \$9.60, ewes \$4.75 to \$5.25 and wethers \$5.25 to \$5.75.

## Hogs Are Steady.

The supply of hogs here at Kansas City last week was normal and the demand was fairly good. Trade was free and the best hogs went to the scales at fully steady prices. The quality was good. The extreme range of sales was made from \$7@7.50 a cwt. and the bulk of sales ranged from \$7.50@7.60 a cwt.

**Range of prices:**  
Choice hogs, over 250 pounds.....\$7.45@7.50  
Choice hogs, over 200 pounds.....7.45@7.60  
Light hogs, 150 to 200 pounds.....7.00@7.60  
Pigs, 40 to 150 pounds.....7.00@7.60  
Rough to common.....7.00@7.55  
Stags.....7.00@7.50

## The Receipts.

Receipts of livestock last week, with comparisons, are here shown:

Cattle—	Last week.	Year ago.
Kansas City.....	20,425	16,600
Chicago.....	38,300	41,700
Five markets.....	95,445	84,925
Hogs—		
Kansas City.....	44,500	42,650
Chicago.....	107,000	140,000
Five markets.....	258,500	314,000
Sheep—		
Kansas City.....	36,200	25,875
Chicago.....	45,700	73,000
Five markets.....	121,900	156,250

## Hay at Kansas City.

Quotations follow: Prairie—Choice, \$12.50@13.50; No. 1, \$10@12; No. 2, \$6.50@9.50; No. 3, \$4@6; packing hay, \$3@3.50. New alfalfa—Choice, \$13@14; No. 1, \$11.50@13; standard, \$9.50@11; No. 2, \$6@9; No. 3, \$4@6. Old alfalfa—Choice, \$15@16.50; No. 1, \$13@14.50; standard, \$11@12.50; No. 2, \$8@10.50; No. 3, \$5.50@7.50. Timothy—No. 1, \$15@16; No. 2, \$10@14.50; No. 3, \$7@10. Clover mixed—Light, \$14@15.50; No. 1, \$13@14; No. 2, \$7@12.50. Clover—Choice, \$14@14.50; No. 1, \$13@13.50;

No. 2, \$10.50@12.50. Straw—Wheat and oats, \$4.50@5.

## Kansas City Grain Advanced.

Hard wheat prices last week rose 1c to 2 1/2c. Demand continued good. Sales were: No. 2, 1 car \$1.24; 1 car \$1.23, 3 cars \$1.20, 1 car \$1.19, 4 cars \$1.18; No. 3, 3 cars \$1.22, 1 car \$1.20, 6 cars \$1.17, 1 car \$1.16; No. 4, 1 car smutty \$1.15, 1 car smutty \$1.09; sample, 1 car cleaned weights \$1.08; live weevil, 1 car \$1.12.

Soft wheat prices were 1 to 2 cents higher. Sales were: No. 2, nominally \$1.13@1.16; 1 car \$1.16; No. 3, nominally \$1.11@1.15, 1 car bulkhead \$1.10. Mixed Wheat—No. 3, 3 cars \$1.11. White Spring—No. 3, 1 car \$1.03.

Demand for corn was fairly good at unchanged to 1/2c higher prices. Sales were: No. 2, white, 3 cars 75 1/2c, 1 car 75c; No. 3, 4 cars 75c; No. 2 yellow, 2 cars 76c, 1 car 75 1/2c; No. 3, 2 cars 75c; No. 2 mixed, 1 car 75c; No. 3, 2 cars 74c; No. 4, 1 car 73c; No. 5, 1 car 72 1/2c; sample, 1 car heating 68c.

Oats sold at unchanged to 1/2c higher prices. Sales were: No. 2 white, nominally 46c; No. 3, nominally 44 1/2@45c; No. 2 mixed, nominally 42@43c; No. 3, nominally 41@42c, 1 car 42c; No. 3 red, 1 car bulkhead 40c.

Kafir—No. 3 white, 1 car like sample \$1.17.

## Butter, Eggs and Poultry.

Kansas City, Mo., June 19.—Quotations on 'change were as follows: Eggs—Extras, new white wood cases included, 18c a dozen; firsts, 16 1/2c; seconds, 13 1/2c.

Butter—Creamery, extra, 26c a pound; firsts, 24c; seconds, 22c; pound prints, 1c higher; packing stock, 19 1/2c.

Live Poultry—Broilers, 18@21c; hens, No. 1, 11 1/2c; roosters, 8 1/2c; turkeys, 13c; ducks, young, 14c; old, 10c; geese, 6c.

## An Increase in Grain Receipts

State grain inspection receipts at the Kansas City, Kan., office have jumped from an average of 16 cents a week to more than \$500 a week in the last year. Carl Pickell, chief clerk under George B. Ross, grain inspector, has reported that the Kansas City office has inspected 2,550 cars of grain in the last three weeks, the receipts approximating \$1,650. At this rate the receipts for the entire month will come close to \$2,000. The receipts of the office for June, 1914, totaled 64 cents.

Inspector Ross moved his headquarters from Topeka to Kansas City three weeks ago, when the department began inspection in Kansas under the new law passed by the 1915 legislature, which made it a misdemeanor for employees of the Kansas City Board of Trade to cross the state line into Kansas and inspect shipments of grain. The result is that the state is collecting the fees that formerly were collected on Kansas grain on Kansas soil by the Missouri board of trade.

The Kansas department will begin weighing the grain July 1, which practically will double the receipts.

Mr. Ross was appointed by Governor Hodges, in 1913, and was retained in office by Governor Capper because of his efficient and fair administration of the office under the old law.

## Popularity of Zenoleum.

It is an interesting bit of news to know that every agricultural college in the United States is using and recommending for a disinfectant, coal tar preparations such as Zenoleum, which is made in Detroit, Mich. The remarkable effectiveness of this disinfectant is particularly due to the fact that it is always standardized which means that the strength is always the same and there is never any change in the result it achieves. At this season of the year when it is absolutely essential to keep a medicine chest for the animals on the farm, the poultry and for the hen houses every farmer and stock raiser and poultry raiser finds it necessary, in keeping with good business, to have a can of Zenoleum on hand for any emergency. It is cheaper than carbolic acid and of course has an efficiency with which the latter product cannot compare. The effectiveness of kerosene is questioned by most authorities. It has absolutely no germicidal power, besides it creates conditions which insurance companies object to. Consequently most farmers, stock raisers and poultry raisers play on the safe side of the disinfectant question by having a standard, never-changing article and keeping a stock of it on hand for every emergency. The O. K. of the agricultural colleges, experiment stations and national authorities on the subject warrants its use to the exclusion of ordinary preparations. When you buy a remedy like Zenoleum, you have every advantage and none of the disadvantages that come with the use of crude drugs and those preparations which are not standardized. As President Zenner of Zenoleum says, "If Zenoleum is not all you think it ought to be, you can have your money back. No letters, no talk. Just money back." Address for booklet, Zenner Disinfectant Co., 180 Lafayette Ave., Detroit, Mich.—Advertisement.

## HOGS FEED CHICKENS

Meat Meal—Feeding Tankage. Ground Bone—Meat Scraps. For particulars and prices address, COCHRANE PACKING COMPANY, Central and Water Streets, Kansas City, Kansas.

## LIVESTOCK AUCTIONEERS.

**FLOYD CONDRAY, Stockdale, Kansas**

**R. L. Harriman, Bunceton, Mo.** Selling all kinds of pure bred livestock. Address as above

**ANIMAL PHOTOGRAPHY** and sketching: all kinds of farm animals. Write for prices. Harry Spurling, Taylorville, Ill.

**John D. Snyder** AUCT., successfully sells pure bred live stock, real estate and general sales. HUTCHINSON, KAN.

Livestock auctioneer. Write for open dates. **Jas. T. McCulloch, Clay Center, Kan.** References: I am selling for every year. Write for open dates.

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

**WILL MYERS, Livestock Auctioneer** BELOIT, KANSAS. Ask the breeder in North Central Kansas. FOR DATES ADDRESS AS ABOVE.

## 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 Aug. 2, 1915. Are you coming?

**Missouri Auction School** Largest in the World. W. B. Carpenter, Pres. 818 Walnut St., Kansas City, Mo.

**Col. E. Walters** Skedee Oklahoma **W.B. Carpenter** 818 Walnut St. Kansas City, Mo.

Sell your farms and city property at auction, as well as your pedigreed livestock. Write either for dates. Also instructors in

## Missouri Auction School

## BERKSHIRES.

**Hazlewood's Berkshires** Spring boars, bred gilts—Immune: priced to sell. W. O. HAZLEWOOD, WICHITA, KANS.

**High - Class Berkshires** Winter and spring pigs of either sex and outstanding boars a specialty. Write **J. T. BAYER, YATES CENTER, KANSAS**

**Big Type Unpampered BERKSHIRES**

Cholera Immune. 150 sows bred to Fair Rival 10th, King's 4th Masterpiece, Trusttype, King's True-type, and the great show boar King's 10th Masterpiece. All long, large and heavy boned. Sows farrow every week from March 1 to Dec. 1. 80 bred sows and gilts to farrow soon. Open gilts and boars ready for service. Not a poor back or foot. Every man his money's worth. E. D. KING, Burlington, Kansas.

## Sutton Farm Berkshires

The Greatest Winners of 1914

Winning at the five leading state fairs, Missouri, (inter-state) Iowa, Nebraska, Kansas and Oklahoma where are held the largest swine shows in the world—over 100 Championships, firsts and seconds, including Grand Champion Boar Prize at each show on the 1000-pound DUKE'S BACON.

Herd headers, foundation stock and show yard material our specialty.

**Sutton Farm, Lawrence, Kans.**

## HAMPSHIRE.

**C. T. Drumm & Sons, Longford, Kan.** Breeders of Hampshire Shires, 4 Nov. Hampshire boars, \$15 each. Spring pigs, both sexes and breeds. 1 yr. bull. Address as above.

**Shaw's Hampshires** Boars ready for service. Spring pigs, either sex. Pairs and trios at reduced prices. All nicely belted. Satisfaction guaranteed. **WALTER SHAW, R. S. Wichita, Kan.**

**HAMPSHIRE** Best of blood lines, well marked pigs, pairs or trios, with young boar to mate gilts. Breeding stock at all times for sale. Satisfaction guaranteed. **S. E. SMITH, LYONS, KANSAS.**

## Registered Guernsey Bulls.

Anyone interested in a Guernsey bull of the best breeding should look up the ad of T. W. Bradley in this issue. Mr. Bradley is proprietor of the Barrymore Guernsey Farms at Parkville, Mo., where he has one of the state's best herds of Guernseys. The stock is of the very best breeding and are first class individuals. Look up the ad and write for more definite information.—Advertisement.

## Sutton Farm Daddies.

It was a very inspiring sight to see the cows, calves and show herds of Aberdeen Angus, at the Sutton & Porteous ranch just north of Lawrence. A very notable feature is, no matter what lot you are looking at, there is among them a champion or the get of champions. Sutton & Porteous have enjoyed a show record equaled by few and those who breed Angus will do well to keep this herd in mind when buying new stock.—Advertisement.



**HAMPSHIRE**  
REGISTERED HAMPSHIRE 180 gilts and sows, all ages. Cholera immunized. Description guaranteed. C. E. LOWRY, Oxford, Kan.

**IMMUNE HAMPSHIRE**  
Boars, bred gilts, tried sows and weanlings. Out prices for 30 days.  
**DR. E. G. L. HARBOUR,**  
Baldwin, Kans.

**For Hampshire Hogs, Dutch Belted Cattle, Arab Stallion**  
COLLIE DOGS AND GEESE FEATHERS.  
WRITE C. W. WEISENBAUM, ALTAMONT, KANSAS.

**Prairie Slope Hampshire Farm**  
Pure bred, well-belted sows and gilts for sale; will farrow in April and May. Also herd boar and several spring boars, all well marked and good blood. Write for information; satisfaction guaranteed. E. G. BURT, Eureka, Kansas.

**POLAND CHINAS.**  
Pigs—big type—pedigreed. Pairs and trios. Shipped on approval.  
Davis Bros., Box 12, Lincoln, Nebr.

**Big Type Poland Chinas** for sale. Fall and spring pigs, either sex. Priced low.  
F. F. WARNER & SON, Bloomfield, Iowa

**Original Big Spotted Polands**  
Fall gilts open or bred to your order. Spring litters and gilts. Write for prices and descriptions. Boar sale November 2.  
ALFRED CARLSON, CLEBURNE, KANSAS

**Big Type Poland China Pigs**  
Big husky follows ready to ship. Pairs or trios not related, sired by Smooth Columbus, Mc. Wonder, Big Wonder and Wonder Chief. Farmers prices. Write for guaranteed descriptions. Ed. Sheehy, Hume, Mo.

**HEDGE WOOD STOCK FARM**  
Leading Big Type Polands  
For the next 60 days we will make special prices on weanling pigs. R. F. HOCKADAY, PECULIAR, MO.

**Fairview Poland Chinas**  
For Sale: Choice fall boars, some good enough to head herds. Write us for prices and guaranteed descriptions.  
F. L. WARE & SON, PAOLA, KANSAS

**I Am Booking Orders** for a fancy line of spring pigs sired by my blue ribbon, reserve champion and grand champion boars, also out of prize winning sows. Satisfaction guaranteed. Express prepaid. Start a fancy herd from one of the greatest show herds in existence. W. Z. BAKER, High Hill, Mo.

**ENOS BIG TYPE POLANDS!**  
Extra good young boars ready for service by Orphan Chief and Giant Jumbo; 5 herd headers in the lot. Also a few choice gilts for first of May farrow. Prices right. Quality high. Must sell soon. A. R. ENOS, Hamona, Ka.

**Becker's POLAND CHINAS**  
Spring gilts, Hadley, Expansion, Mastodon, and other leading strains and safe in pig to Orphan Boy, by Orphan Chief. Fall pigs, pairs and trios, by Orphan Boy and Hadley's Wonder, a grandson of A. Wonder.  
J. H. BECKER, NEWTON, KANSAS

**WE PAY THE EXPRESS**  
Over 900 weaned pigs, Polands and Durocs.  
\$12.00 Each, Immuned  
Guaranteed to never have Cholera.  
Guaranteed to please or money back.  
Ozark Hog Ranch Co., 810 Olive, St. Louis, Mo.

**Erhart's Big Type Polands**  
A few choice late fall males sired by Orphan Big Gun and Big Hadley Jr. Also a few late October pigs by the great 1200 pound Robidoux. Am now booking orders for spring pigs by these boars to be shipped in June. Send your order early. Address  
**A. J. Erhart & Sons, Ness City, Kan.**

**O. I. C. HOGS.**  
**Herd Boar For Sale** Gilts to farrow in July and open. Pigs, pairs and trios. A. G. Cook, Luray, Kan.

**One Good Herd Boar** For Sale, and four September boars. All pure bred O. I. C. G. W. ACKLEY, PORTIS, KANSAS

**O. I. C. BRED SOWS AND GILTS**  
A few tried sows and gilts bred for summer farrow; boars ready for service, pairs and trios not related. Best I ever offered. Very reasonable prices.  
**JOHN H. NEEF, BOONVILLE, MISSOURI**

**TURNER'S CHESTER WHITES**  
June Prices. 250 spring pigs, white and growthy. White Rock and Chief Select breeding, \$15 each. Pairs \$25. Trios \$35. Buy early and save on express. One of the largest and best herds in the west. Amos Turner, Wilber, Saline Co., Neb.

**O. I. C. Private Sale!**  
79 March and April pigs at \$15 each. Choice Sept. boars \$15 to \$25 each. Sept. gilts bred to your order. Write for further information.  
CHAS. N. SNYDER, Effingham, Kan. (Atchison County)

**Choice O. I. C. Pigs**  
AT REDUCED PRICES.  
Spring pigs, \$12 each, \$23 per pair; \$33 per trio. Bred gilts, \$20 to \$25 each. Hare spring boars, no kin to gilts or their pigs. Bred sows, \$30 to \$35. My herd carries prize winning blood and represents the most popular strains in the country. Each individual guaranteed to satisfy.  
F. J. GREINER, BILLINGS, MISSOURI

## WHAT BREEDERS ARE DOING

**FRANK HOWARD,**  
Manager Livestock Department.  
**FIELDMEN.**

A. B. Hunter, S. W. Kansas and West Okla., 614 So. Water St., Wichita, Kan.  
John W. Johnson, St. Kansas and S. Nebraska, 820 Lincoln St., Topeka, Kan.  
Ed R. Dorsey, North Missouri, Iowa and Illinois, Cameron, Mo.  
Jesse R. Johnson, Nebraska, 1937 South 16th St., Lincoln, Neb.  
C. H. Hay, S. E. Kan., So. Mo. and E. Okla., 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.

**Jacks and Jennets.**  
Sept. 15—W. H. Ronejue, Atlanta, Mo.  
Oct. 15—Geo. Lewis & Son, Stahl, Mo.  
**Shorthorn Cattle.**  
Aug. 12—Chris Wilson, Glasco, Kan.  
Oct. 27—Henry H. Kuper, Humboldt, Neb.  
Oct. 28—E. E. Dowell & Son, Hiawatha, Kan.

**Poland China Hogs.**  
Sept. 1—C. D. McPherson, Grantville, Kan.  
Sept. 28—J. O. James, Braddyville, Ia.  
Sept. 29 and 30—J. D. Gurthel and Ed W. Cook, Pattonsburg, Mo.  
Oct. 15—O. B. Clemetson, Holton, Kan.  
Oct. 19—Sigel Brown, Reeds, Mo.  
Oct. 20—A. F. Blinde and Geo. Brown; sale at Tecumseh, Neb.  
Oct. 20—H. C. Graner, Lancaster, Kan.  
Oct. 21—H. B. Walter, Effingham, Kan.  
Oct. 26—Herman Groninger & Sons, Bendena, Kan.  
Oct. 27—Fred G. Laptad, Lawrence, Kan.  
Nov. 3—J. L. Griffiths, Riley, Kan.  
Jan. 21—A. F. Blinde and Geo. Brown; sale at Auburn, Neb.  
Jan. 26—A. J. Swingle, Leonardville, Kan.  
Feb. 2—Frazier Bros., Waco, Neb.  
Feb. 3—H. J. Beall and Wisel Bros., Roca, Neb.  
Feb. 11—S. A. Nelson & Sons, Malcolm, Neb.  
Feb. 15—Herman Groninger & Sons, Bendena, Kan.  
Feb. 16—H. C. Graner, Lancaster, Kan.  
Feb. 17—Ed Sheehy, Hume, Mo.  
Feb. 17—H. B. Walter, Effingham, Kan.  
Feb. 18—J. H. Harter, Westmoreland, Kan.

**Spotted Poland China Hogs.**  
Sept. 23—Thos. F. McCall, Carthage, Mo.  
Oct. 6—H. T. Dickerson, Jameson, Mo.  
Nov. 2—Alfred Carlson, Cleburne, Kan.

**Duroc-Jersey Hogs.**  
July 28—Dr. C. E. Still, Kirksville, Mo.  
July 28—A. L. Guthridge, Clearwater, Kan.  
Sept. 1—W. W. Otey & Sons, Winfield, Kan.  
Sept. 2—C. D. McPherson, Perry, Kan.  
Oct. 14—Geo. Klumiere, Holton, Kan.  
Oct. 27—Fred G. Laptad, Lawrence, Kan.  
Nov. 3—Martin Kelley, Verdun, Neb.  
Nov. 8—E. N. Farnham, Hope, Kan.  
Jan. 24—Geo. Briggs & Sons, Clay Center, Neb.  
Feb. 24—J. M. Layton, Irving, Kan.

**Chester White Hogs.**  
Feb. 24—J. M. Layton, Irving, Kan.

**S. W. Kansas and W. Oklahoma**  
BY A. B. HUNTER.

Wesley W. Trumbo, Peabody, Kan., has immunized his spring crop of Duroc pigs and they are a nice thrifty lot of the fashionably bred kind. He is making attractive prices, especially on pairs and trios. Write him for particulars, mentioning the Farmers Mail and Breeze.—Advertisement.

**Ash Grove Durocs.**  
Paul Sweeney of Bucklin, Kan., owner of the Ash Grove herd of Duroc-Jersey swine, carries a regular card advertisement in the Farmers Mail and Breeze. He has been enjoying a good trade and is changing his copy with this issue. He has already sold all the spring pigs he can spare as he is keeping a nice lot of gilts for a bred sow sale next spring. His present offering includes gilts bred for September farrow, also a nice lot of fall and spring boars. Everything is guaranteed and he is offering his stock at farmer's prices. Write him if interested and kindly mention the Farmers Mail and Breeze.—Advertisement.

**Plan a Visit to Lookabaugh's.**  
H. C. Lookabaugh, Watonga, Okla., has recently purchased the great bull, Fair Acre Sultan, by White Hall Sultan, and 40 head of richly bred cows and heifers from the best herds of the North and East to mate with him and his other splendid herd bulls. On this account he has decided to put on a summer reduction sale of Short-horns, and is offering 60 head, 20 young bulls and 40 heifers, 14 to 18 months old. They are richly bred and Mr. Lookabaugh has so much faith in them that he offers to guarantee satisfaction or money refunded. He also offers, as you will note in his advertising, to pay 50 per cent of the purchase price of any female for her calf at a year old. This is the time to get bargains at Pleasant Valley Stock Farm and if you have been planning to visit and talk Shorthorns with Lookabaugh now is the best time. Write, wire or phone him when to meet you. Please mention the Farmers Mail and Breeze.—Advertisement.

**Shepherd's Duroc-Jersey Hogs.**  
G. M. Shepherd of Lyons, Kan., is offering seven fine Duroc-Jersey boars of September farrow. They are sired by Good Enuff's Chief Colonel and Otey's Dream and are out of exceptionally well bred dams. Three of these are of strictly herd header material. Mr. Shepherd is anxious to move these boars during the next 30 days. He has 80 fine spring pigs and can sell pairs or trios not related. If interested write him, mentioning the Farmers Mail and Breeze.—Advertisement.

## Your Pick My Band 27 Blk, 3-4-5-Yr.-Old

Stallions, \$400; Your pick my band 18 blk, 2-yr-old stallions, \$300. Registered Percherons. Sound, big-boned, extra growthy. Sire black 2200 lb. Imported; dams mostly ton imported blacks. It's the peddler's profit that makes stallions dear; buyers can save hundreds of dollars by coming to this ranch for growers prices and big selection. Just above Kansas City. Fred Chandler, Percheron Ranch, R. 7, Chariton, Ia.



**Percheron Stallion** RAMMASETTE 44601, black, 5 years old, a sure breeder, sound, priced to sell.  
**T. M. WILSON, LEBANON, KANSAS.**

**MULE FOOT HOGS.**  
**Mule Foot Hogs** Stock of all kinds for sale. More premiums won in 1912, '13 and '14 than any herd in the U. S. Write your wants. ZENEG. HADLEY, Wilmington, O.

**Registered Mule Foot Hogs** Large, growthy kind. Some choice stock for sale. Write for prices. and particulars. Freeland & Hildwine, Marion, Kan.

**DUROC-JERSEYS.**  
**DUROCS** 200 FALL and SPRING PIGS, both sex. Priced for quick sale. ALEX C. HILL, Hope, Kansas

**TRUMBO'S DUROCS**  
Choice gilts, bred or open, sired by The Climax, by Climax A, out of the great sow, Doty; also a few fall boars. Spring pigs pairs and trios unrelated, priced reasonable, and satisfaction guaranteed. Wesley W. Trumbo, Peabody, Ka.

**Walnut Grove Durocs**  
One herd boar, also several other boars. Spring pigs, either sex; also booking orders for bred sows. The Man with the Guarantee. R. C. Watson, Altoona, Kan.

**Huston's Durocs**  
Special prices on 15 nice fall boars, the tops of our fall litters, sired by Country Gentleman 183541 and Golden Model 4th, 181011. All immune. W. R. Huston, Americus, Ka. Write today.

**Ash Grove Durocs**  
Choice gilts, bred for September farrow. Fall and spring boars at farmers' prices. Everything guaranteed.  
**PAUL SWEENEY, BUCKLIN, KANSAS**

**Rice County Herd Durocs**  
U need a boar—better buy him now. 7 fine Sept. boars, sired by Good Enuff's Chief Col. and Otey's Dream. From excellent dams. 80 spring pigs. Every hog immune. Write your wants today.  
G. M. SHEPHERD, LYONS, KANSAS

**Immune Bred Gilts \$25 Each**  
Ten classy fall gilts, bred for September farrow, also bred sows. Large easy feeders, very best of breeding. Fall boars ready for service.  
**JOHN A. REED, LYONS, KANSAS**

**DUROCS \$10**  
**Rose Comb Rhode Island Reds** Bred from prize winners. 20 incubators and 7 colony brood-ers or sows. 1000 young birds. Also 1000 eggs. R. W. BALDWIN, CONWAY, KAN.

**DAIRY CATTLE.**  
**REGISTERED HOLSTEINS** 1 yearling and one five months old bull, by Shadybrook Gerbon Sir Korndyke. Write for further information. BEN SCHNEIDER, Nortonville, Kan.

**HOLSTEIN BULLS—DUROC-JERSEYS**  
Holstein bulls, six months to 3 years old. Also fall gilts. Very reasonable prices.  
**Bonnie View Stock Farm, Berryton, Kansas, or 1429 Topeka Ave., Topeka, Kansas.**

**Maplehurst Guernseys!**  
Choice registered and grade cows and heifers for sale. A registered herd bull for sale or trade.  
**A. P. BURDICK, NORTONVILLE, KANSAS**

**LINSCOTT JERSEYS**  
Premier Register of Merit Herd, Est. 1878. For sale at farmers prices noted Golden Fern, herd bull of proven quality. Greatest official butter tests.  
**R. J. LINSCOTT, HOLTON, KANSAS**

**SUNFLOWER HERD HOLSTEIN-FRIESIANS**  
Young service bulls and bull calves from A. R. O. dams at prices never before offered. F. J. Searle, Okaloosa, Kan.

**HOLSTEIN CATTLE** All females able bulls sold. Have nothing to offer now but bull calves from a few weeks to four months old. The calves are from good producing dams, some giving as much as 70 pounds T. M. EWING, Independence, Kan. of milk a day.

**Higginbotham's Holsteins**  
A few choice registered young bulls for sale at prices that are right. HIGGINBOTHAM BROS., ROSSVILLE, KAN.

**TREDICO HOLSTEINS!**  
Registered Herd each individual will make 8000 pounds as 2-year-old or equivalent. Head of herd has nearest 7 dams that average 22.32 pounds butter in 7 days. Bull calves to sell that are right.  
**GEO. C. TREDICK, KINGMAN, 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**

**DUROC-JERSEYS.**  
**Duroc Boars and Gilts** September farrow \$20 each Boar and gilt sale Nov. 10 J. B. Duncan, Flush, Ka. (Shipping Point, St. George, Ka.)

**BONNIE VIEW STOCK FARM**  
Spring pigs for sale, sired by Tat-A-Walla, Kant's Model Enough and A Critic; also three registered Holstein bulls, 6 months to 3 years old.  
**SEARLE & COTTLE, BERRYTON, KANSAS**

**WOODDELL'S DUROCS**  
Herd headed by Rex E. Nuff by Good E Nuff Again King and brother to Otey's Dream. Spring boars and gilts priced reasonable. Satisfaction guaranteed.  
**G. B. WOODDELL, WINFIELD, KANSAS**

**Duroc - Jerseys!**  
100 spring pigs \$10. Gilts with litters \$40.  
**Johnson Workman, Russell, Kan.**

**Howe's Durocs**  
Sows and gilts strong in the best blood of the breed and bred to my good herd boars. I am now ready to book orders for early spring pigs, pairs and trios unrelated. Priced where you will buy and be pleased. J. U. HOWE, Route 8, Wichita, Kansas.

**Hillcrest Farm Durocs**  
30 October boars and gilts for sale. Also spring pigs, both sexes at weaning time. Popular breeding and popular prices. Give me a trial order.  
**DR. E. N. FARNHAM, HOPE, KAN. (Dickinson Co.)**

**Bancroft's Durocs**  
Immune  
We hold no public sales. Nothing but the best offered as breeding stock. Choice fall boars. Spring pigs at weaning time. Pairs and trios not related. Customers in 15 states satisfied. Describe what you want, we have it.  
**D. O. BANCROFT, OSBORNE, KANSAS**

**Maplewood Farm Durocs**  
We offer 40 bred sows at attractive prices. Big, well grown spring gilts. Best of breeding. Address,  
**MOTT & SEABORN, HERINGTON, KANSAS**



## HEREFORDS.

Registered horned and double standard polled  
**Hereford Bulls For Sale**  
Also a few horned heifers. JOHN M. LEWIS, LARNED, KANS.

**Homestead Stock Farm**

We have a few extra fine Hereford Bulls for sale and twenty cows. Get our herd catalog. J. J. EARLY, Box B-186, Baring, Mo.

**50 Hereford Bulls**

Yearlings and two-herdheads, farm and range bulls, strong and rugged. 20 yearling heifers, a carload of cows, some with calves, others bred.

**SAM DRYBREAD**  
ELK CITY KANSAS

## GALLOWAYS.

**CAPITAL VIEW GALLOWAYS**

Bulls from 6 months to 2 years; also a few females of modern and quick maturing type.

**G. E. Clark, Topeka, Kan.**

**Registered Galloways**

25 bulls ready for service. 30 females all ages. The blood of the 2000 pound Carnot.

**W. W. DUNHAM,**  
Doniphan, (Hall County) Nebraska

**50 Galloway Bulls****SMOKY HILL RANCH**

Yearling and two year olds. Best of breeding and a grand lot of individuals. Write for prices and descriptions.

**E. J. GUILBERT, Wallace, Kans.**  
MAIN LINE UNION PACIFIC

## ABERDEEN-ANGUS.

**Aberdeen Angus Cattle**

Herdheaded by Louis of Viewpoint 4th. 150624, half brother to the Champion cow of America.

**Johnson Workman, Russell, Kan.**

**ABERDEEN-ANGUS CATTLE**

Young stock sired by reliable herd bulls for sale, singly or in car lots. See our herd of cows and show herd at Lawrence or write us. Phone, Bell 8454.

**Sutton & Porteous, Route 6, Lawrence, 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**

**BEST OF BLOOD LINES** and cattle that will please you. Cows, heifers and young bulls at attractive prices.  
**I. W. POULTON, MEDORA, KAN.**

## POLLED DURHAMS.

**Double Standard Polled DURHAMS**

Six yearling bulls. A number of under yearling bulls. 2 good French draft stallions and some jacks. **C. M. HOWARD, Hammond, Ks.**

## SHORTHORNS.

**Shorthorn Bulls For Sale!**

1 two-yr-old, 4 yearlings and 1 long yearling. Reds and roans. **L. M. Noffsinger, Osborne, Kan.**

**Pure Bred Dairy Shorthorns**

Double Marys (Flatcreek strain) and Rose of Sharon families. Registered Poland Chinas. Breeding stock for sale. Address **R. M. ANDERSON, Beloit, Kansas**

**For Sale 20 Shorthorn Bulls**

18 to 25 months old. Mostly by a splendid grandson of Choice Goods. United States Gypsum Co., Blue Rapids, Ks. (On the E. R. Morgan Farm.)

**Shorthorn Bull**

Fine roan, 14 months old, Pure Scotch.

**C. E. HILL, Toronto, Kansas**

**SHORTHORNS**

Herd bull, service bulls, bull calves and a few females. Prices reasonable.

**KELLEY BROS., CARDNER, KANS.**

**Pearl Herd Shorthorns**

Valiant 346162 and Marengo's Pearl 391962 in service on herd. Choice early spring bulls by Valiant for sale. Thrifty and good prospects. Scotch and Scotch topped. Correspondence and inspection invited.

**C. W. Taylor**  
Abilene, Kansas

**N. Kansas and S. Nebraska**

BY JOHN W. JOHNSON.

The United States Gypsum Company, Blue Rapids, Kan., offers 20 Shorthorn bulls, ranging in ages from 18 to 25 months old. They are a selected lot and are to be found on the E. R. Morgan farm joining Blue Rapids. Write them at Blue Rapids today, mentioning their advertisement which appears in the Shorthorn section of this issue of the Farmers Mail and Breeze.—Advertisement.

B. N. Welch, Waterville, Kan., has for sale an unusually well bred Jersey bull, 1 year old. He is a grandson of Golden Fern's Lad and out of 500 pound cow by Gold Link's Gold Boy. This bull is for sale at a fair price and should go to some good Jersey cattle herd. Look up Mr. Welch's advertisement in the Marshall county breeders' advertising section and write him for more complete information about this bull.—Advertisement.

**Busy at Capital View Ranch.**

During the past two weeks G. E. Clark, proprietor of the Capital View herd of registered Galloway cattle, has been very busy sorting out and shaping up his breeding herds for their respective pastures, so as to get the cows in separate pastures whereby they can be bred to some one of the numerous herd bulls that he thinks will cross best. The cow herd numbers about 250 head and he is using such bulls as: Imported Emperor of Drumlanrig, a very choice animal and bred by the Duke of Buccleuch and Queensberry, K. G., K. T., Drumlanrig Castle, Thornhill, Scotland. Imported Novelist, sired by Javelin, that won first premium four years at Dalbeattie, three times at Castle Douglas, also Drumlanrig and other great shows of Great Britain. Meadow Lawn Medalist, by imported Worthy 3d, he being grand champion at World's Fair, 1904, and many other great shows. Casino, by imported Captain 4th of Tarbreoch, champion bull for four consecutive years. Meadow Lawn Medalist and Casino have also won high show-ring honors and proven themselves sires of great merit. Mr. Clark's show herd, which he has been so successful with the past three years, are mostly sired by Meadow Lawn Medalist, and he now has some very choice individuals among his yearling bulls. He is offering for sale elsewhere in this issue, sired by this great bull, also a few by a son of the great bull imported Campfollower 3d of Stepford, that weighed over 2,500 pounds and cost Mr. Clark more money than was ever paid for a Galloway bull in America. He is offering about 30 head of these bulls, and anyone in need of a choice individual at the regular price of range bulls can get him from the Capital View herd at this time. A visit to this herd where many of the good animals of the breed are kept will be a benefit to anyone interested in good cattle. Do not fail to see these young bulls if at all in need of a bull.—Advertisement.

**N. Missouri, Iowa and Illinois**

BY ED. R. DORSEY.

**Fred Chandler's Percherons.**

At Chariton, Iowa, Fred Chandler maintains one of the largest herds of Percherons in the country. Here he has established a collection of breeding animals that ranks well up among the Percheron studs of the United States. Among the noted mares in this herd should be mentioned Dutch, Black Beauty, Queen Mabel, Lady Brilliant, Juliette, Eugene, Ettrude, Belle of France, Goldie, Brilliant's Model Marie, and others. These mares are producing colts every day and Mr. Chandler is very busy at this time taking care of them. Being a thorough horseman, Mr. Chandler knows how to produce the big ones, the kind that are in demand in every breeding community and he takes special pride in showing his customers the sires and dams of his offerings. Besides the 2-year-olds and yearlings there are about 30 head of 3 and 4-year stallions ready for sale at \$1,750 to 2,150. Many of these horses Mr. Chandler offers at prices ranging from \$400 to \$500 each. Such prices make it possible for every community to have a strictly high class stallion in its midst. We especially recommend Mr. Chandler and his bred Percherons to readers of this paper. When writing him kindly mention the Farmers Mail and Breeze.—Advertisement.

**Nebraska**

BY JESSE R. JOHNSON.

**Frazer Brothers Claim Date.**

Frazer Brothers, the big type Poland China breeders, at Waco, Neb., authorize us to claim February 2 as the date for their yearly bred sow sale. Frazer Brothers have one of the best herds in Nebraska, numbering over 125 head. At the top of the herd are the splendid big boars Big Jumbo, one of the very best sons of the noted Waco's Jumbo, Long Jumbo, a son of McGrath's Jumbo, and Timm's Image, a son of Big Timm. The 100 spring pigs are by the boars mentioned with some by Big Bone Giant, a Peter Mouw bred boar. The sow herd is composed of large smooth animals that combine some of the best breeding of the times. Frazer Brothers are careful and reliable breeders and have built up a good business by breeding the kind that the best trade demands.—Advertisement.

**S. E. Kan., S. Mo. and E. Okla.**

BY C. H. HAY.

C. E. Hill, Shorthorn breeder, Toronto, Kan., has for sale a fine Scotch bull. He is roan in color, 14 months old, and the best he raised this year. His sire was Golden Crickshank. Anyone wanting a good herd bull will do well to write Mr. Hill at once.—Advertisement.

**Hockaday's Poland Chinas.**

R. F. Hockaday, Peculiar, Mo., has for sale some spring pigs out of some of the best sows that have been sold in this section the past two years. Some of these pigs are nearly ready for service and we recommend them to any of our readers who want Poland Chinas.—Advertisement.

**Marshall Co. Pure Bred Stock Breeders**

Nothing but first class animals offered for sale for breeding purposes. It is economy to visit herds located in one locality. For the best in purebred livestock write these breeders or visit their herds.

## HEREFORD CATTLE.

**Willowbrook Farm Herefords** Yearling and two-year-old heifers for sale. Also a choice lot of young bulls. **B. M. WINTER, IRVING, KANSAS**

**HEREFORDS—POLANDS** Herds established 25 years. 12 Herefords, 90 spring pigs, and 18 bulls, 11 to 15 months old, for sale. **S. W. TILLEY, IRVING, KANSAS**

**Sedlaeck Herefords!** A nice lot of young bulls for this fall's trade. Address. **JAS. F. SEDLAECK, BLUE RAPIDS, KAN.**

**PRESTON HEREFORDS** Herd established in 1881. Come to Marshall county for Herefords. Address **F. W. PRESTON, Blue Rapids, Kansas**

**Choice Two-Year-Old Bred Heifers** and a few bulls for sale. Also 10 spring bulls. Address. **GEO. E. MILLER, Blue Rapids, Kansas**

**B. E. & A. W. Gibson, Blue Rapids, Kas.** Breeders of Hereford cattle. For sale: a good 10 months old bull and some choice young bulls. Address as above.

**Home of Parsifal 24th** 120 head, about a good herd bull. 25 spring bulls for this fall's trade. **C. G. STEELE, BARNES, KANSAS**

**FIVE YEARLING BULLS FOR SALE!** 12 spring bulls for the fall trade. For prices and descriptions address, **Tom Wallace, Barnes, Kansas**

**Wm. Acker's Herefords!** About 25 spring bulls for this fall and winter trade. Address **WM. ACKER, Vermillion, Ks.**

**Clear Creek Herefords—** Choice last March bulls for fall and winter trade. 30 breeding cows in herd. **J. A. SHAUGHNESSY, Axtell, Kansas**

**7 Bulls For Sale** Coming two years old. Big and rugged. Farm two miles out. **W. B. HUNT & SON, Blue Rapids, Kansas**

## DAIRY CATTLE.

**For Sale—4 Jersey Bulls** sired by Lorne, out of St. Lambert herd cows. Ready for service. **C. H. MILLS, Waterville, Kansas**

**Working Jerseys** Golden Fern's service. Young bulls all ages out of record sires. Even colors. **JOE KRASNY, WATERVILLE, KAN.**

**JERSEY BULL** By a grandson of Golden Fern's Lad, out of a 500 pound cow. Price \$250. Duroc-Jersey spring pigs for sale. **B. N. WELCH, Waterville, Kansas**

**HOLSTEINS** Cows and heifers for sale. Registered and grade. Address **LACKLAND BROS., AXTELL, KANSAS**

## SHORTHORN CATTLE.

**Dr. P. C. McCall, Irving, Kansas** Short-year-old heifers for sale. One 10 months old pure Scotch bull and one 18 months old Scotch topped bull. Write for prices.

**Eight Bulls** reds and roans 6 to 18 months old. Scotch and Scotch topped. Write for prices. **G. F. HART, Summerfield, Ks.**

**Shorthorns, Poland** 1 yr. bull for sale. 1 tried and April boars. **A. B. GARRISON & SON, Summerfield, Kansas**

**10 Shorthorn Bulls** 5 yearlings in September. 5 March and April calves. Write for prices. **H. A. BERENS, SUMMERFIELD, KANSAS**

## HAMPSHIRE HOGS.

**Registered Hampshires** Weanling pigs, \$10 each; pair not related. Satisfaction guaranteed. **F. B. WEMPE, Frankfort, Kan.**

## POLAND CHINA HOGS.

**Albright's Poland** For Sale, Jan. 1, 1916. 100 pigs, 100 sows and gilts, 12 last fall gilts, 34 March and April pigs. **A. L. ALBRIGHT, WATERVILLE, KAN.**

**COPELAND'S POLANDS** For Sale: 14 Sept. gilts bred to your order. 40 March and April pigs. Address **A. E. COPELAND, Waterville, Kansas**

## DUROC-JERSEY HOGS.

**Red Polls, Duroc-Jersey, and O. I. C.** hogs. Boars of both breeds at reasonable prices. Bred sow sale, Feb. 24. **J. M. LAYTON, IRVING, KAN.**

**10 September Gilts** bred for fall farrow, a few boars and gilts by Illustrators, 40 March and April pigs. **B. F. SKADDEN & SON, Frankfort, Kansas**

**W. J. HARRISON AXTELL, KAN.** Red Polled Leghorns. Breeding stock for sale. Correspondence invited.

**Bred Sows and Gilts** for Sept. and Oct. farrow. A nice lot of March and April pigs. Address **HOWELL BROS., HERKIMER, KANS.**

## FANCY POULTRY.

**Plymouth Rocks** Bred (Thompson strain) and sired by Lorne, out of St. Lambert herd cows. Ready for service. **JOHN BYRNE, Axtell, Kansas**

## AUCTIONEERS.

**S. B. CLARK, SUMMERFIELD, KANS.** AUCTIONEER. Write or phone for dates, address as above.

**Jesse Howell, Herkimer, Kan.** of Howell Bros. breeders of Durocs and Herefords can make you money on your next sale. Write for dates.

**B. F. WEMPE, FRANKFORT, KANSAS** I specialize in Pure Bred Stock and general farm sales.

**LOOKABAUGH'S SHORTHORNS**

**300 Head From Which to Select—60 Head Must Sell Next 60 Days**

20 Extra Good Young Bulls and 40 Fine Young Heifers. 14 to 18 Months Old.

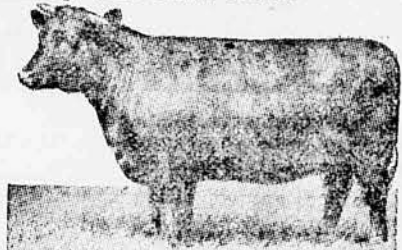
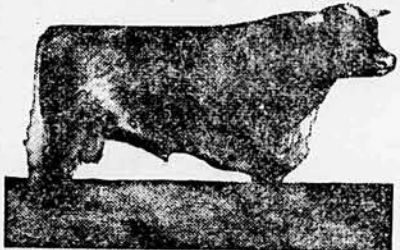
We guarantee satisfaction and any time within 12 months when you buy two or more of these Shorthorns and feel you have bought them too high ship them back and get your money. 6 to 9 months' time if required. A written guarantee will also be given to pay you 50 per cent of purchase price of any female for her calf at a year old. We have recently purchased Fair Ace Sultan, by White Hall Sultan and 40 head of richly bred cows and heifers from the best herds of the north and east, to mate with him and our other herd bulls and hence this summer sale of Shorthorns to make room for them.

Every day, right now, is bargain day at Pleasant Valley Stock Farm. If you have been planning to give us a visit come soon. Write, phone or wire when to meet you.

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**175 Head of Shorthorns**

consisting of many choice animals that carry the blood of noted sires and fashionable families. Built up from foundation stock purchased from the best breeders of the Southwest.

**50 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—Cows, Heifers and Bulls, cows with calf at side others due to calve soon. Included are grandsons and daughters of such sires as Avondale, Prince Odele 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.

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Men who thought they knew told me my 6 H-P. WITTE engine wouldn't run it, but I got an Ohio cutter and blower, and cut four tons per hour. The engine is all I can ask. — Charles O'Neal, Marshall, Ark.

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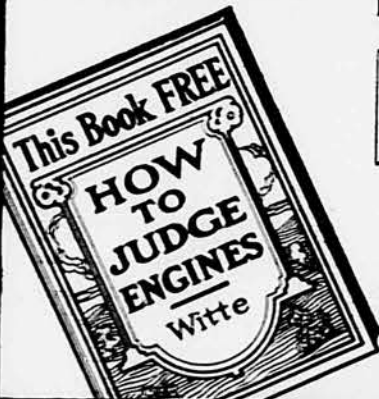
I filled three silos in 72 working hours with my 6 H-P. WITTE engine. Used a No. 12 Hocking Valley cutter, blower type, with 16-inch knife. — C. V. Chase, Thompson, Conn.

My 6 H-P. WITTE engine certainly does its work in great shape. It takes just one-half as much gasoline as the — make engine which my partner is using. — M. Steinbeck, Heartwell, Neb.

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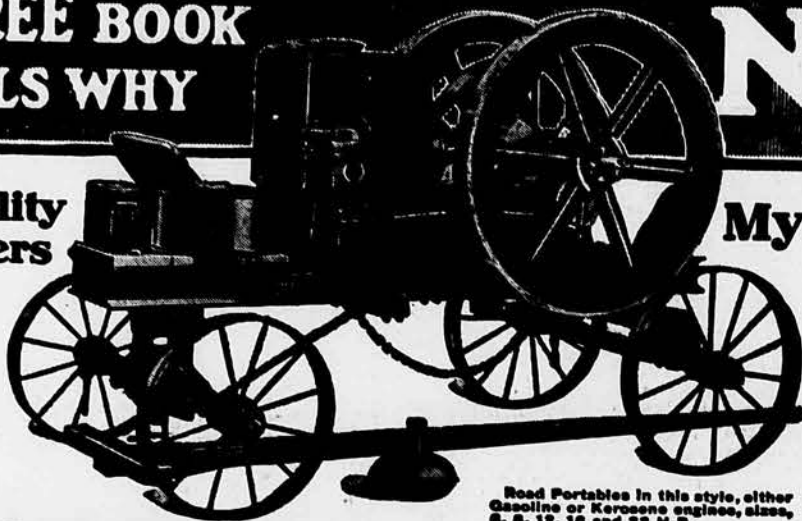
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Actual Power Developed on our Continuous Working Test.	2.9	4.5	5.8	9.1	10.5	14.5	18.9	26.5
Surplus H-P. Each Size.	.9	1.5	1.8	3.1	2.5	2.0	2.9	4.5
Per Cent. of Surplus H-P.	45%	50%	45%	51.6%	31.2%	20.8%	18.1%	18%

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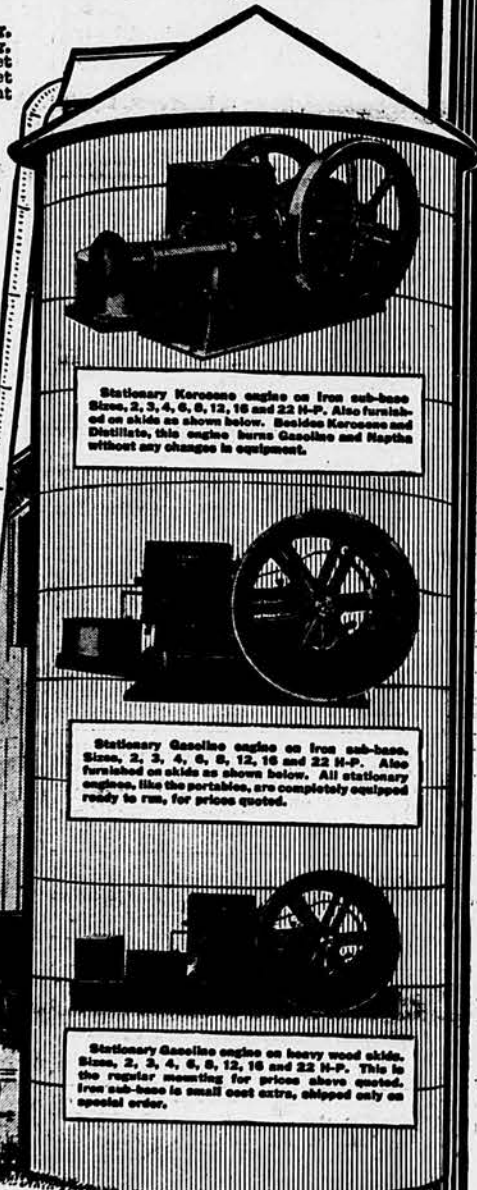
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