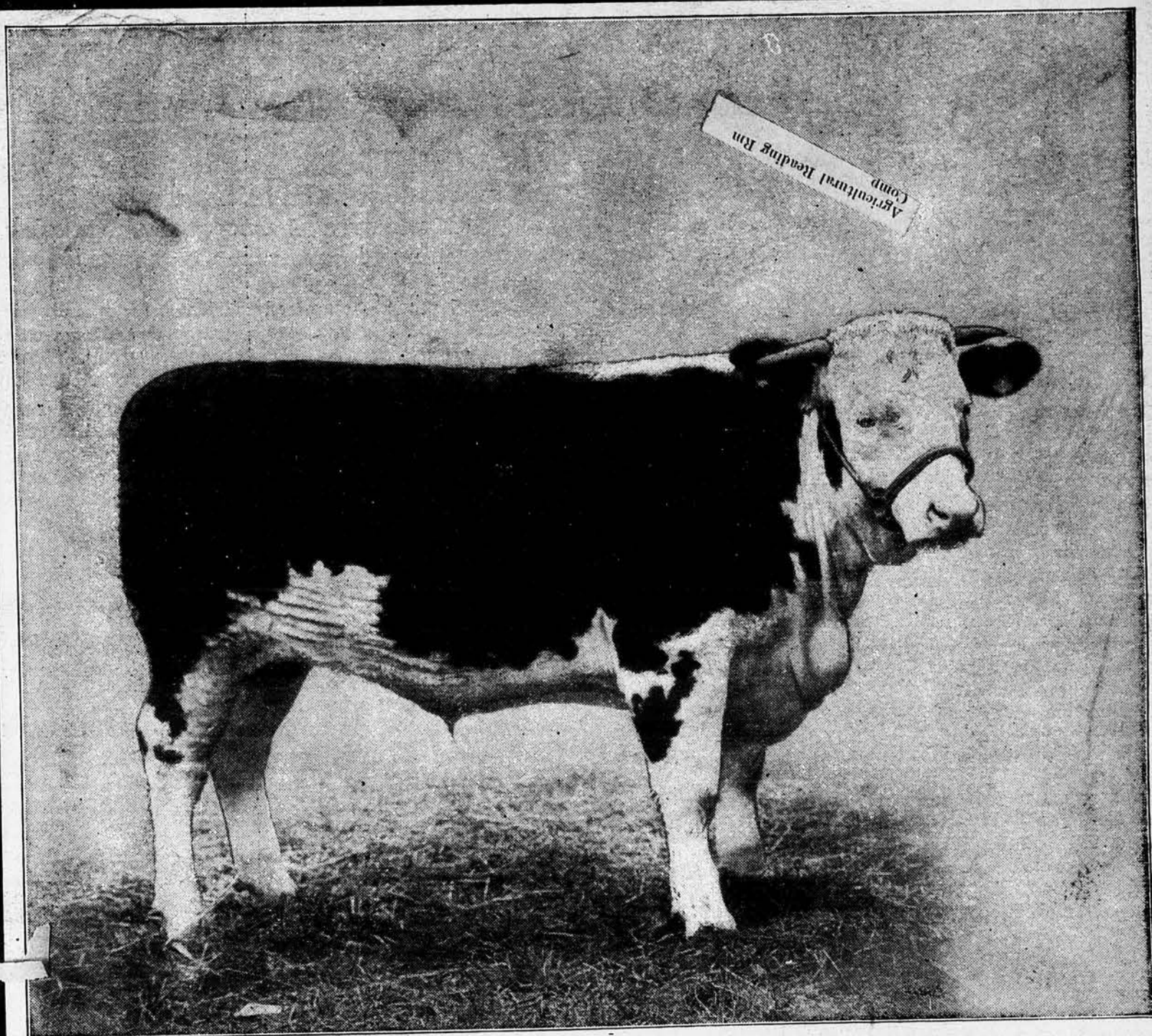


# THE FARMERS MAIL AND BREEZE

Volume 42

September 7, 1912

Number 26



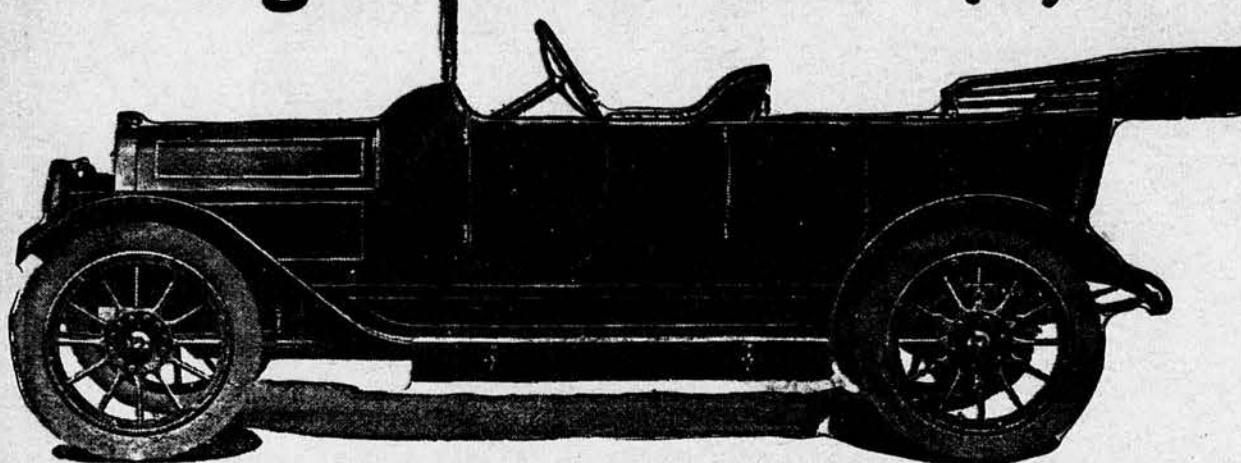
**Kansas Hereford Calf Blanco, Declared Grand Champion Steer, All Breeds, Iowa State Fair, 1912**  
(This calf is a purebred and is owned by R. H. Hazlett, Eldorado, Butler County, Kansas.)

THE men on Kansas farms have a superb opportunity for co-operation whereby they may add not less than 16 million dollars yearly to their income. Actual organization is not called for either. This sounds like a Klondike story, but no gold field has ever panned out as this will when we get ready to work together on this lead. F. D. Coburn will discuss the interesting proposition in next week's Farmers Mail and Breeze.

**Double the R. F. D. Circulation of Any Other Kansas Farm Paper**



# Michigan "40" Completely Equipped \$1,585



## Some Features

Four forward-speed transmission  
 Oversize tires—35x4 1/2  
 Electric lights and dynamo  
 Center control—left-side drive  
 Motor 4 1/2 x 5 1/2 inches  
 Extra effective brakes—16x2 1/2 inches  
 Big, comfortable springs  
 Large over-capacity, giving big factors of safety  
 Pressed steel, full floating rear axle  
 Wheel base 118 inches  
 Firestone demountable rims—extra rim  
 Adjustable pedals  
 Adjustable steering post  
 14-inch cushions  
 Hand-buffed leather upholstery, filled with best curled hair  
 50-inch rear seat—inside  
 Nickel mountings  
 Genuine cellular type radiator  
 Electric horn  
 \$30 Jones speedometer—four-inch dial  
 Best mohair top, side curtains and envelope  
 Windshield built in  
 Foot rail—robe rail  
 Complete tool equipment—tool chests under running board  
 Axles sufficient in strength for 80-horsepower car.

## The Fight of the Forties

### A War That Is Bringing Out Cars and Values Unmatchable

The greatest contest ever known in Motor-dom is raging now among the 40-horsepower cars. There are 72 makers, each doing his utmost to outdo the others. Six of these cars,

backed by millions of money, are in a fierce race for supremacy. The Michigan "40" is one.

This means cut prices on wonderful cars, and you should be careful to get the advantage.

### Prices Cut in Two

This war comes about because the demand is now turning to "Forties," in an overwhelming way. Men are finding out that the "Forty" alone combines economy with sufficient room and power.

So 72 makers have entered this field. Hundreds of the ablest engineers are working now on "Forties." And this rivalry is bringing out the best cars ever built. Also the greatest values.

Since this war began some makers' prices have been cut in two. "Forties" are selling, with

splendid equipment, for what stripped "Thirties" sold for when this war began.

For this fight will hinge on price. Better cars can't be built than the best of the "Forties." Better equipment is out of the question. There are six or seven cars in the "Forty" field which no man can claim to excel. The best brains in the industry have built them.

So the main question is: Who can give most for the money! The result is such values as never before were offered in automobiles.

None but the highest-priced cars in this country yet have over three.

The electric lights and dynamo—a feature which costs you \$125 when offered by others as an extra. Oversize tires—35x 4 1/2. Those tires, as an extra, would cost you \$50 more than the tires on most "Forty" cars.

The cushions are 14 inches deep. The rear seat is 50 inches

wide inside. The springs are extra wide and long. The brakes are extra strong. The axles are twice sufficient.

There is center control and left-side drive, like the best of next year's models. The upholstery is hand-buffed leather, filled with the best curled hair. The body finish calls for 22 coats of paint.

### All This for \$1,585

This splendid car, with all these rare features, this unusual and costly equipment, is offered for \$1,585. We defy any maker to meet it.

It now remains for you to make your comparisons. Compare every feature, one car with another. Find out in this way who gives most for the money.

Compare only cars built by able men—men of great reputation. Those cars are bound to be right. Then measure up what each car gives as compared with the Michigan "40."

We have made these comparisons—made them with each of the 72 cars which compete with us. We have found, as you will, that no other offer in the "Forty" class begins to compare with the Michigan.

The Michigan "40" is simply bound to win out with any man

who makes any sort of comparison. It is due to yourself that you make it.

### Get Our Book

The way to begin is to write for our catalog—a very remarkable book. Compare the specifications—compare the equipment—with any rival in this class. Compare the fame of the engineers.

Then see the car and test it. Our dealer in your town is now ready to show it. And the car will be a revelation.

Mail this coupon now.

Michigan Motor Car Co.  
 Kalamazoo, Mich.  
 Mail me your Catalog.

### The Michigan's Offer

After four years of preparation the Michigan "40" now takes the lead in this fight. Year after year the best men we know have worked at perfecting this car. Since the start they have worked out 300 improvements.

They have sent out in test cities 5,000 cars, and watched each car's performance. Now they all agree that nowhere, at any price, is there a better car built than the Michigan.

W. H. Cameron is designer-in-chief. For years he was chief engineer for the Willys-Overland Co. John A. Campbell is our body designer. His body designs have been used by kings.

Each part and detail is in charge of an expert—the ablest man we know for the purpose. And the car they have built is perhaps the finest example of modern motor car engineering.

### Note the Rare Features

To this perfect car we have added all the late features, some of them rare and very expensive.

For instance, the four-speed forward transmission, as used today in the best European cars.

**Michigan Motor Car Company, Kalamazoo, Mich.**

Owned by the owners of the Michigan Buggy Company—for 30 years builders of Michigan vehicles; over 500,000 of them. Everybody knows them.





# THE FARMERS MAIL AND BREEZE

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



Volume 42  
Number 26

TOPEKA, KANSAS, SEPTEMBER 7, 1912.

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## WHAT'S DOING THIS SEASON IN WESTERN KANSAS

**T**IMELY rains and bumper crops are not the best incentives to the success of a dry-farming conference. This was apparent at the dry-farmers' gathering at Hays last week. The instructive and helpful things, both to be seen and heard were deserving of a better "turnout," but when the threshers are on the place or there is still a half section of wheat ground to plow, and the plowing is good at that, it is an open question whether a man ought to be censured for not attending a farmers' meeting. So, perhaps, in a way, Farmers Mail and Breeze may take some of the notable facts to the 10,000 farmers that might well have attended the Hays meeting, but did not.

It was the third annual convention of the Kansas Dry-Farming association in which the Hays branch Experiment station and the college at Manhattan co-operated. Everything on the state's big 4,000-acre farm was in shipshape and so arranged as to teach its object lesson well and in the simplest manner. Crops on the station farm, says Superintendent TenEyck, have averaged better yields for 1912 than for any previous year in the history of the station. The outturn of wheat was an agreeable surprise following the discouraging outlook in May and June. Alfalfa has made three good crops and a fourth is coming on. Corn is less promising, but is expected to average 25 bushels, while other feed crops are immense. The Kafir crop of 280 acres shows a perfect prospect and the fields are worth going miles to see. Superintendent TenEyck estimates the yield will reach 40 bushels.

Whether on the station farm or anywhere else in Kansas, the story of Kafir is the same. Every field of it from Topeka to Hays offered the same object lesson. It was, to plant Kafir; plant it every year; and plant plenty of it, for you can't lose on Kafir. Corn fields ranged from good to bad and indifferent, but with Kafir it was always the same—the rich, green foliage, and heavy heads—promising something to depend on for feed next winter, no matter if everything else on the place fizzles out.

Experts may theorize, lecture and urge more scientific farming methods, and it all sounds good, but your Kansas farmer is more or less skeptical about the doctrine until he sees it put to the test. On the state farm at Hays he heard the theory, then saw the results of putting that theory into

### What a Mail and Breeze Man Saw and Heard at the Hays Conference

By A. G. Kittell  
of the Mail and Breeze Staff

practice. There was no getting around it and there was nothing for the skeptic to do but to see and believe, unless he was like the green farm hand in Missouri who after gazing a long time at the giraffe in a circus, turned away in disgust saying: "Oh h—l, there haint no sech animal."

It was rather unfortunate that the small grain crops could not be seen in the growing stage but in their places there were some fine examples of seed-bed preparation for wheat. Superintendent TenEyck believes that the fall-listed method followed on the station farm last year and described by him in a recent Mail and Breeze article was largely re-

bed preparation. Plots of ground, late-fall plowed for six consecutive years, produced an average of 10 bushels per acre for the six years as against 13.9 bushels raised on early-fall plowing for the same period, with other conditions equal. Early-fall listing and early-fall plowing, subsoiled, averaged the same identical yields, 17.4 bushels. In comparison with these results the summer-fallow plots showed only 19.6 bushels, which is rather unfavorable to the fallow system, but in justice to the experiment it must be said that the 1909 crop was completely destroyed by hail and this happened to be the year when there was a crop on the fallow plots, thus cutting down the average considerably as well as lowering the average on the other plots.

The hard surface crust on wheat fields early last spring furnished a good opportunity for experimenting with surface breaking. Four implements were used—a drag harrow, spring tooth harrow, surface packer and sub-surface packer. Threshing returns favored the sub-surface packer for, in fields treated with this tool the average yield was 19.36

bushels per acre, against 18.17 bushels from the surface-packed ground, 18.54 bushels from ground that was harrowed and 17.02 bushels from spring-toothed plots. Compared with these results, a check plot not treated at all, yielded an average of 17.76 bushels.

The meeting afforded a good opportunity to swap ideas and farming experiences. That the dry-farming doctrine taught by government and state authorities is taking root here and there was evident. Western Kansas farmers are willing to learn and they will adopt new methods as soon as they are convinced that

they are practical and worth while.

The principles of dry-farming are not entirely new in western Kansas. Conrad Krueger, a Mail and Breeze reader and contributor, living on the Smoky Hill river, 22 miles southeast of Hays, has been a dry-farmer in some of the essentials for many years, in fact he received his first lessons in it from his father in Germany. And Krueger is now a young man of 70 years. Nobody in that part of the state, not even the state farmers at Hays, can beat Conrad Krueger in growing wheat. He was induced to tell his experiences at one of the afternoon sessions. He is an exponent of the summer-fallow

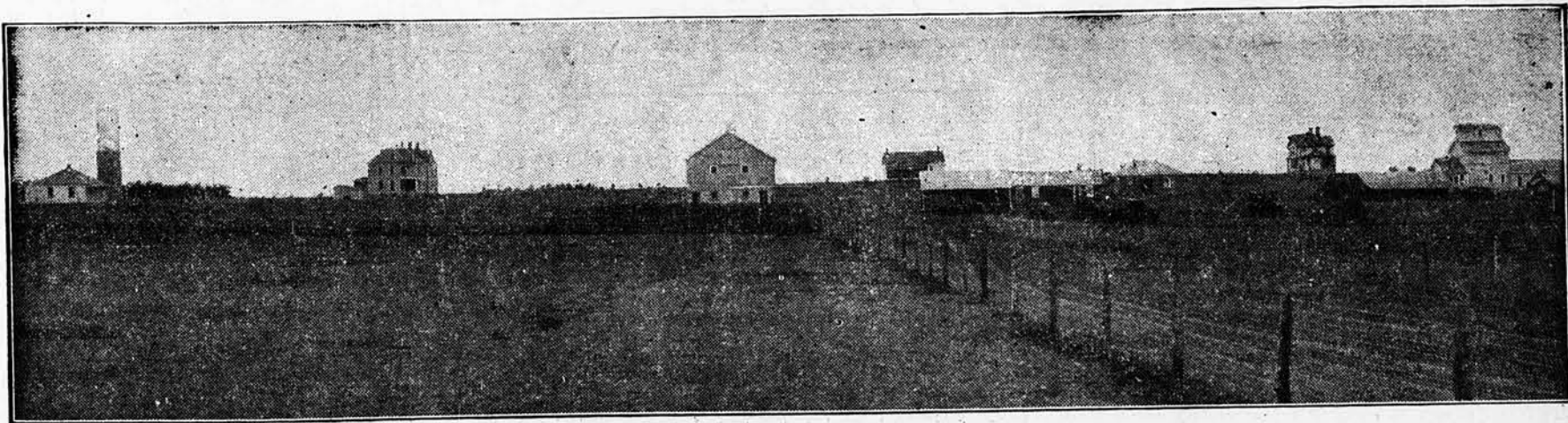
(Continued on Page 39.)



Plowing demonstration at Hays Experiment station for benefit of visitors. Gas tractor drawing a 12-disk plow and doing a good job of turning the soil.

sponsible for the fine showing made by all crops. These open furrows caught and held the heavy snows and rains of last winter. The "lid" was put on last spring by leveling the ridges and keeping up a mulch and now there is a fine, moist seedbed waiting to give wheat or alfalfa seed a boost as soon as it gets into the ground. Practically all the vacant land on the farm was given this treatment and spring crops planted in this ground show its beneficial effect. TenEyck believes the fine showing made by the Kafir is a direct result of this soil treatment.

Some telling comparisons in wheat yields were given showing the result of various methods of seed-



Panoramic view of farm buildings on the Hays Experimental Farm. At the extreme left is a small dwelling and the water tower. Next in order are: Boarding and rooming house for farm help; horse barn; assistant superintendent's dwelling in the background; implement sheds in foreground; superintendent's office; superintendent's dwelling; elevator and granaries. The cattle sheds are located to the rear of the position from which the picture was taken.



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

### OUR ADVERTISEMENTS GUARANTEED.

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

### SPECIAL NOTICE TO ADVERTISERS.

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



**PASSING  
COMMENT**  
by  
**T. A. McNeal**

### THE WASTE OF THE WORLD.

Recent and apparently thorough tests seem to show that we are a mighty wasteful people. In the matter of fuel, for example, the scientists say that we are getting only a little more than 10 per cent of the heat units out of the coal that it really contains. In other words, if it were possible to get the heat power out of a ton of coal that it actually contains, one ton of coal would go as far as 10 tons go now.

It is hardly probable that any method will ever be discovered that will save all the heat power in the coal we burn, but a loss of 90 per cent makes the citizen who grumbles over his coal bill gasp.

Our great industrial concerns, such as the railroads and manufacturing plants, with all their boasting about efficiency and economy, are only a little better than the common citizen in the matter of waste of fuel. They waste from a half to two-thirds of the heat units, according to the scientific investigation.

It has been known for a long time that there has been an immense waste of power and useful elements, but so far nobody seems to have been smart enough to devise a plan by which the waste can be eliminated. There are those who labor under the impression that about all the really important things in the world have been discovered and about all the really important machinery invented. The fact, however, seems to be that there is room for inventions that will make all the things invented heretofore seem to be of comparatively little importance.

If it were possible for the great industrial concerns to save the waste they could afford to pay double the wages they pay now, sell their products cheaper than they do now and still make more money than they do now. That would mean that they would be better off, that the people who work for them would be better off, and that the world in general would be better off.

When it comes to the farm, which is the base of all prosperity on the one hand or of adversity on the other, the waste is more enormous as a total without a doubt than the waste in the manufacturing industries. We are wasting the elements of fertility in our soil. We are permitting the manures that ought to go back to the soil to leach in the rains and lose their juices in the heat of the burning sun.

The truth of the matter seems to be this: This old world of ours is capable of sustaining in comfort, even luxury, all the people who now live upon its surface and probably twice that many, if the waste were eliminated and the earth made to produce its full capacity. Under proper economical management with scientific tillage and scientific industrial production there should be no such thing as famine in the world or even a shortage in the things necessary to men's comfort and health. There

should be no such thing as people insufficiently fed or insufficiently clothed or insufficiently sheltered from the cold or heat or storm.

The two great economic problems to be solved are how to save the waste and how to distribute equitably the products of the earth and of physical and mental toil.

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### WHAT DO YOU KNOW ABOUT IT?

We are prone to shift the responsibility of our troubles, real or imaginary, on to the shoulders of somebody else. We are prone to do an immense amount of talking that amounts to little and shoot off our several mouths without previous investigation of the facts, and therefore talk at random.

We grumble about our taxes, but as a matter of fact very few of us ever take the trouble to even try to find out where our tax money goes or whether we are getting proper value for the cash expended. Most of us do not even take the trouble to ascertain how much of our money paid over to the county treasurer at tax paying time goes to the state and how much goes for local purposes.

If we do take the trouble to look at our tax receipt and figure out what part of the tax money we pay goes to the state that is as far as we follow it. We never take the trouble to investigate what the state does with the money after it gets it.

We do not know how much of it goes to pay the salaries of state officers; how much goes to pay for the upkeep of the various state buildings and grounds; how much goes to pay for the feeding, clothing and care of the wards of the state—the insane, the blind, the imbecile, the deaf and dumb. We do not stop to find out how many hundred thousand dollars are appropriated for maintaining the educational institutions of the state.

If we were to take the trouble to investigate we would find that fully nine-tenths of the taxes we pay go for local purposes—county, township, city and school. We might have some considerable trouble in determining for ourselves whether our money paid to the state is well expended, but we ought to know a good deal more than we do about what becomes of our tax money paid out at home.

If you look at your tax receipt you will probably discover that the biggest single item is your school tax. Do you really know much of anything about how that money is being spent? Do you know whether your school is well managed or not? Money spent for a poorly kept school is money thrown away or worse. How many know or even try to know whether the school they are helping to pay for is a good investment or not?

You see on your tax receipt that a certain per cent of what you pay is used for county expenses. How many of you know or try to know what these expenses were or whether they might have been avoided, or whether you and other citizens who had to dig up the tax money got value received?

Have you found out, for example, how much money was spent for the building of bridges, big and little, and whether these bridges were worth what they cost? If they are then you have no reason to complain; if they are not, then you, in company with other taxpayers, have been beaten. Your money has been wasted and you have a right to grumble.

Public business is as important as private business, sometimes more so. It costs a tremendous amount of money to run the public business of this country and every man, woman and child old enough to earn a living and who does earn a living, pays part of that bill. They do not all get tax receipts from the county treasurer, but they have to pay their share of the bill just the same. They pay it in increased cost of living, increased rents, increased grocery bills, increased clothing bills.

Not only is the cost of running the public business great, but it is likely to become greater. Now if we are getting a full dollar's worth for every dollar expended we have no right to complain. For example, here is a bad road, often impassable and never in first class condition. There are old decrepit bridges on that road that are dangerous. The county may spend \$20,000 in improving that road, and building new bridges in place of the old rotten ones. That first class road will pay in the way of increased facilities to the farmers for getting to market a big dividend on the investment, therefore it was good business for the county to build the

road and the bridges; provided, however, that money was not wasted on the building of the same.

If, for example, as good a road and as good bridges could have been built for \$15,000 as were built for \$20,000, then the taxpayers have lost \$5,000, either by graft or bad management. Here is where the citizens who pay the bills should keep their eyes peeled. They ought either in person or through a disinterested, intelligent and diligent taxpayers' supervising committee, to be on that job every day until it is done. They ought to know that the work is well done and done at the least possible cost.

They do not, however. They grumble after the money is spent. They grumble about high taxes, but very few of them take the trouble to even try to find out what becomes of their money.

Most of the public officials are reasonably honest. They are not a set of grafters and thieves, but there are very few men who will not exercise a little more care if they realize that they are watched and that their work is going to be carefully inspected. In every county and in every township and in every city there ought to be a carefully selected, intelligent, honest and efficient committee selected by the taxpayers' league of that township, city or county whose business it would be to carefully scrutinize contracts made by the officials before they are finally agreed to; also to carefully inspect work done for the public to see that it is well done and that the public got the best that could be obtained for the money.

There is many a leak, I have not a question of doubt, in the public business that could be stopped if the public generally knew.

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### CONCERNING THE STEEL TRUST.

I have been considerably interested in the report of that congressional committee on the steel trust. I have been as much interested in the report of the minority of that committee as in the report of the majority, for the reason that the minority report is naturally supposed to be at least fair if not entirely favorable to the great corporation.

The minority of the committee, however, made some interesting, not to say startling, findings. It found that J. P. Morgan & Company got a fee of 62½ million dollars for putting the deal through by which the steel trust was formed. Is there anybody who really believes for a minute that J. P. Morgan & Company ever earned that 62½ million dollars or the tenth part of it, for the work done in that case?

The minority finds that the steel trust was capitalized at \$1,400,000,000 and that nearly one-half of that was water. This beat turning water into wine. It was turning water into gold or the equivalent thereof.

The minority finds in the third place that the average earnings on the actual value of its assets have been from 11 to 12 per cent.

Fourth, that this corporation controls a little more than one-half the crude and finished steel business of the United States.

Fifth, that the average wholesale price of steel products has fallen off since the trust was organized to the amount of \$2.89 per ton.

Sixth, that the steel trust and the independent companies have a complete understanding as to prices and that the trust controls the price.

Seventh, that the system of interlocking directorates facilitates "inside management" and stifles competition.

Eighth, that the situation as to iron ore supply is grave and may become menacing.

Ninth, that labor conditions in certain departments of the steel industry are bad.

The things the minority of the committee recommends to do are as follows: Compel all corporations with over 50 million dollars' capital to take out a government charter. Squeeze all the water out of the capitalization and compel incorporation at actual value.

When a price fixed by a United States corporation is found to be unreasonably high the Interstate Commission of Industry, which they recommend shall be formed, shall publish the fact and recommend a reasonable price.

Interlocking directorates shall be forbidden unless permitted by order of the Industrial Commission.

Industrial corporations shall not own common carriers, such as railroads. "Unreasonable restraint of trade" shall be defined and the burden of proof thrown on the defendants, that is, the corporations, to show that they have not unreasonably restricted trade in their own interest. Individuals and states shall have the right to intervene in government suits. In the blast furnaces and rolling mills there must be three shifts of men each working eight hours per day instead of two shifts each working 12 hours per day.

Summed up, then, the conclusions of both the majority and minority of the investigating committee seem to agree on these points: First, that the steel trust is perhaps the most voracious hog among the great industrial corporations. Secondly, that approximately 700 million dollars of wealth has been put into the pockets of a few people who gave no real equivalent for the same. Thirdly, that our canny Scotch friend, Andy, managed to grab a considerable hunk of that 700 million of water turned into wealth. Fourthly, that the government must

### A WELCOME FOR YOU

Readers of Farmers Mail and Breeze and their friends, who visit the Kansas State Fair at Topeka next week, are cordially invited to make Mail and Breeze headquarters at the fair a convenience and a place to rest. Here they may read the day's news or their favorite farm paper, just as if at home. A bureau of information and a telephone will be maintained there for their benefit and a cool and refreshing drink may be had by our guests at any hour of the day. Every Mail and Breeze subscriber and reader is cordially invited to avail himself or herself of these privileges and bring a friend or friends.



either find a way to effectively control that giant corporation or else take it over bodily and run it as a public concern.

#### A SOCIALIST VIEW.

Editor Mail and Breeze—In a recent article you gave some very good and judicious advice to "Young Voter," as to how he should prepare his mind so as to cast his virgin ballot in an intelligent manner at the coming national election, yet to my mind you were seemingly unfair when you directed his attention to the Socialist party. You took specific pains to impress on Young Voter's mind a great many things, that if Young Voter did not—like many others—take the trouble to investigate, would lead him to the conclusion that either of the old parties would be preferable to support.

Why not have been as specific in pointing to the many evils that have grown and will continue to grow under the administration of both old parties? You declare there is no marked difference between the old parties, consequently it would require no effort or intelligence to support either of them.

You say you are in favor of many things advocated by Socialists, but the "fundamentals are not workable," and then you proceed to prejudice the mind of Young Voter by a series of arguments, or inductions, that the logic of their theories if carried into effect would tend to industrial despotism, to communism, and to the stifling of ambition.

Any untried system is first a theory, and no system can succeed in the hands of its enemies. The predatory rich belong to the class who are the enemies of any party organization in favor of larger liberty, and a greater measure of the fruits of the toil of the laboring class. "To gather the fruits of those who toil and consume them in luxury and war has been the business of the great."—Ridpath.

The Socialists have a reverence for all things worthy of reverence, but they have no reverence for robbery under forms of law perpetrated upon helpless victims.

Some years ago you remember a few men talked of the Australian ballot, electing senators by popular vote, nationalizing railroads, etc. They even had notions about finances and a national currency. The "honest dollar" gold standard politician and Wall street declared they were "bug-house"; a "patriotic press" proclaimed they were visionaries, dreamers and even anarchists, and declared their theories wouldn't work.

The visions of our Revolutionary fathers were beset by doubts, fear and anxiety, from dogged opposition of Tories, the prototypes of our Aldrichs, Smoots, Lodges, Morgans, Guggenheims, Rockefellers, et al, who dominate the policies of both the old parties; that a government by the people, for the people, wouldn't work.

Prof. John R. Commons, of the University of Wisconsin, said that "the Socialists have the extant program for applying the efficient agencies of government and the efficient instruments of business to the economic problems of the time; they know why they want the initiative, etc., and they know what they desire to do with the trusts and with the agency which made the trusts, and if the proponents of what is called the Individualistic political system do not offer also a definite program, Socialism will become the future organization of society."

And the professor didn't seem a bit "skeeered." You could have pointed the young voter to the fact that there is a bitter struggle over the division of the products of labor between the exploiting propertied class on one side and the exploited propertyless class on the other; also that the dominant exploiting class of society is the one that controls the dominant parties, and through them the elected officials, whereby they select our executives, legislatures and courts of justice. They even own the nation politically—and practically, intellectually, as they own and censor the press.

We have one method of judging of the merits of the two old parties which the young voter might otherwise overlook unless his attention be called to it, which is "historical and real." The life of society is interested above all in the bread and butter question; upon satisfying of hunger and need depends the life of not only the individual but of the race.

Note what the old parties have accomplished. Fifty years ago every laborer and his family had a comfortable dwelling, sufficient clothing for warmth and respect, plenty of wholesome food, some education, and recreation for himself and family. Today there are in the United States 10 million people living in poverty; another 10 million are living to the limit of their wage, own no homes, insecure in their jobs, just on the verge of joining the poverty stricken ranks. Of this 20 million, 4 million are women, 1½ million children, toiling days and often nights—just merely existing.

Here is an abstract from the census of 1900: "The cause is not personal, they are willing, eager to work, and do work."

"Twenty million people living miserably, gnawed to the heart by bodily want, working, but gaining nothing. They are most useful, doing the fundamental work of the race."

"In addition to these millions of toiling poor comes the great army who have drifted into the works of the untolled poor, that is, public charges, paupers, criminals. We have 4 million public wards, as many more helped by private charity temporarily, and 3 million tramps and criminals. One-third of the people in America confront poverty as a condition, not a theory. These figures are conservative."

"Sixty thousand families evicted from miserable homes in one year is the record for New York City; one person in every eight is buried at public expense."

God help us! What will be the condition of the working class in another 50 years of old party rule? Taft answers, "God knows."

The cause of this disorder is an arbitrary evil imposed by an insane social condition. No one chooses poverty; people are poor because they cannot help it, and the facts bear me out.

No sane man can believe that present conditions can continue; but the old parties have nothing to offer as a remedy, not even a theory, as how to achieve justice and equity in the production and distribution of the necessities of life. Like the ancient aristocrats they "discuss the sex of angels while the populace starve."

Young Voter, study Socialism. As Abraham Lincoln once said, "Contempt prior to investigation is a bar to information, and cannot fail to keep a man in everlasting ignorance." GEORGE W. BIXLER, Waukomis, Okla.

Mr. Bixler is a man who has read widely and who writes well. Furthermore, he is entirely conscientious in his statements.

Like a good many very earnest and intelligent Socialists it appears to me that he has a tendency to see red, as the saying is. No doubt there is a great deal of injustice in the world and a great many people who do not have a fair show, but my judgment is, arrived at after a pretty wide reading of history, both ancient and modern, reinforced by the personal recollections of intelligent men who can remember back distinctly for at least half a century, that times are not growing worse for the laboring man, but on the other hand that his rights are better protected than they have ever been before.

I have certainly not intended to be unfair to the Socialists. On the other hand, I have tried to make an honest investigation of their theory of government. The name Socialism did not alarm me at all. If the Socialist party has a program that if carried out will add to the sum total of human happiness, if it will enable everybody to be prosperous and contented and happy, then I want it.

I have read the Marxian philosophy and carefully perused the writings of a number of Socialist writers. I have studied a textbook on Socialism written by that eminent Socialist, John Spargo. I have approached the study with an open mind. I have freely acknowledged that there are many things advocated by these eminent Socialists that I agree with, but I met with this difficulty: Studying Socialism from every angle always brought me to the conclusion that carried to its finality, Socialism would inevitably lead to the entire abolition of private property, and the entire abolition of private property would, of course, mean communism.

I do not believe that communism is either now or ever will be practical or desirable. I think that it would stop progress, stifle enterprise, and its continuation would only be possible in an industrial despotism.

When I made this statement to my Socialistic friends they told me that I was mistaken, that I did not understand the philosophy of Socialism; that it does not mean or aim at the abolishment of private property. I conceded that I might be mistaken and went back to Socialist literature for more light, but my reading always brought me back to the same point.

And now the leading Socialist paper seems to confirm my conclusions. In the last issue, or next to the last issue, of the Appeal to Reason, was an editorial containing the following significant statement:

People will soon learn under Socialism, that it is unnecessary to lay by for the future. They will be able to fulfill the Christian injunction, "Take no heed for the morrow, what ye shall eat or what ye shall drink or wherewithal ye shall be clothed."

That means that under Socialism all private property rights will cease, for privately owned property means accumulation, and the Appeal editor says that people will soon learn under Socialism that it is unnecessary to lay by anything. Spend what you earn as fast as you earn it, taking no heed for the morrow.

Under that policy no one would own a home, for he would never accumulate anything with which to buy a home. All dwellings would necessarily be owned by the state, the co-operative commonwealth that our Socialist friends talk about. Private property abolished as it certainly will be if the Appeal editor is correct, then the state will become the sole employer of labor and dictate to each what he shall perform and what he shall receive.

When Socialism gets into full operation, according to the Appeal to Reason, each citizen will produce just enough to supply his present needs. If that only necessitates working an hour per day that is all he will work, the rest of the time he will spend in recreation or just sheer idleness. When he has reached the time when he is not able to earn enough to supply his present needs he will become a public charge and impose a burden on the state for which he has given no recompense, for if he has spent from day to day everything that he has earned, then he will have no credit with the commonwealth to support him in his old age.

Old age pensions are justified on two grounds, one is that common humanity should prompt us to provide for the aged and infirm regardless of whether they have really earned more than their living or not; the other argument in favor of the old age pension is that any person who has been industrious and decent during a long life has earned enough more than he spent so that the general public owes him a decent livelihood during his old and helpless age. That is his surplus and he is simply getting back what is rightly coming to him.

Under Socialism, however, according to the Appeal to Reason, there would be no surplus. But if no member of the commonwealth took any thought for the morrow it is somewhat difficult to understand how the commonwealth as a whole could have a surplus with which to provide for its indigent citizens.

I wish to be perfectly fair with my Socialist friends, but I must say that a commonwealth which offers no opportunities for individual enterprise, a commonwealth where everyone is to lead a hand-to-mouth existence, owning nothing individually, providing for nothing beyond the wants of the immediate present, does not offer any charm for me.

#### OLD SOLDIER FOR EQUAL SUFFRAGE.

Editor Mail and Breeze—Mother! Precious name. In 1864 it was my lot to be brought down near enough to death's door to be carried from the hospital to the "dead house" as it was a rule of the hospital

to remove the soldier so as not to have others see him die. Mother found me there and nursed me back to life. I well remember the first words I heard from mother's lips, "Clark, mother is here." Nearly 3 million men in the Northern army were struggling to save the Union. At home crops were planted and harvests garnered and largely by our mothers, wives, sisters and daughters. Without this help we in the field would have gone to defeat. The war settled the right as to secession and firmly established the fact that while we could rebel, we must use only the ballot as an arm and the school houses as our fortresses wherein to learn how to intelligently use such arms.

Mother wants to vote. Why? The homes of the industrial classes are being assailed and as mother was such a potent factor in the Civil war so now with the new arms she still can be an equal factor in the defense of home. Mother should vote and I believe that mother can vote if all the old soldiers of Kansas will pay the debt they owe her for helping them to put down the great rebellion.

Every old soldier knows that had the mothers of the North stood back we would have been most beautifully whipped. We boast of what we did, but the mothers did equally as much.

They plowed the corn, they milked the cows, Throughout that time so olden;

They stored the clover in the mows;

They reaped the harvest golden;

They picked the lint with might and main,

Our wounds to help in healing,

The while their hearts were filled with pain,

And all their senses reeling,

They stood by us in the days of yore,

Those girls with silken tresses,

Though the home guards sought them o'er and o'er,

And pined for their caresses;

And now their hair has turned to gray,

Our cranky ways enduring,

We'll give them the ballot right away,

With knightly truth assuring.

Comrades, it is said that our record in the field is our greatest monument; let us now as one man line up in November and leave to the mothers of the land the greatest possible protection to home by placing in their hands the ballot. God heard the mothers' prayers in the '60s and gave us the victory. Mothers' prayers have been ascending, asking for protection to the home. Comrades, let's build yet in our last days a monument that will last throughout time; let's give mother the right to vote.

Wichita, Kan.

#### COMMON HONESTY

The people of Kansas are demanding something more than common honesty in their public officials.

It isn't enough for a man merely to keep his fingers out of the public treasury. It isn't enough for him to keep within the limit of the law and keep out of jail. The faithful public servant must have honesty of the positive sort as well as the negative sort. To be sure, he must refrain from graft and loot, but he must do more than that if he is to measure up to the modern standard of honesty; he must be a faithful public servant—and that means he must render to the public the best service of which he is capable. He must realize that it is just as wrong to steal the state's time as it is to steal the state's money; just as wrong to waste the state's money by carelessness or through extravagance, as it is to appropriate the public money to his own use; just as wicked to pay public funds to a useless job-holder as it would be to put the money into his own pocket.

I have a great deal of faith in the common honesty of mankind. I believe that the vast majority of people can be trusted to do the right thing as they see it. If I did not believe this I would not be so ardent in my faith in popular government. But, the trouble has been that too many of us have had very lax ideas about the public service. We have been too prone to take it for granted that a public contract is a "fat contract." We have been accustomed to look upon public office as an "easy snap," and we have distributed the offices as rewards for political service, or have elected men because they were "good fellows," without regard to their qualifications. And the result has been poor public service—not always because of positive rascality, but more frequently because of inefficiency, extravagance and wastefulness in the conduct of public affairs.

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

It seems to me that common honesty should impel every man who takes an oath of office to bring to that office the best that there is in him. It seems to me that it should be his highest ambition to conduct his office on a business-like basis—to give the public the greatest possible service at the least possible expense.

We must demand from every public official just as strict economy, just as great watchfulness and carefulness, just as great efficiency and just as scrupulous honesty in "little things"—the saving of minutes and pennies—as the modern business house demands of its employees.

That is my idea of public service and that is the service which I stand pledged to give the state of Kansas if I am elected governor. I shall go into the office acknowledging but one Boss—and that Boss is the people of the state.

And I will give you the best service I am capable of giving.

Arthur Capper



# A KANSAS TOP FOR IOWA'S BIG STATE FAIR

**T**HE crop prospect had much to do with the success of Iowa's Fair this year. Everybody wore the "good crops smile"; like a boy in anticipation of a promised Christmas present.



COL. H. W. GRAHAM.

From an attendance standpoint, Iowa's Fair probably exceeded last year's record, at least the mid-week record showed a gain of over 12,000 over last year. There was a gain in receipts of \$11,000 and the total receipts gave assurance that whatever the receipts were for the rest of the week, they would go to the profit side of the ledger.

The weather was favorable. Eight railroads ran from two to four excursion trains daily into the city. Lodging was at a premium.

Many visitors from other states were there, among them the state fair boards of adjacent states, including the American Royal executive committee and several members of the International Livestock Show. As long as Iowa leads off the season with its fair, it will always enjoy the distinction of creating a national interest, for it is here that the great herds, and flocks of fine stock assemble and from here they divide up for the several show circuits of the country.

From a quality standpoint the livestock departments surpassed last year in many respects, but in point of numbers there was a decrease. There were several reasons for this, high price of feed during the winter and spring, the disease during the winter among swine, the light crop of spring pigs and in the imported horse department, the closing of the docks in Europe this year, delaying horse importations.

## Many Home-bred Drafters.

There were fewer Percherons exhibited this year than last, owing to delayed importations, but there was a grand lot of home-bred Percherons in evidence. Such is the real object of the show—to encourage farm breeders to make exhibits, and by actual count there are more of this class of breeders at the Iowa Fair than at any other show. (The outlook was never better for the farmer to take to breeding heavy horses.) Their exhibits were largely of the yearling class and they made an interesting appearance. The home-bred exhibits show that people are taking greater interest in breeding their own stuff.

The Clydesdale breeders put up a

## A Hazlett Calf Wins the Grand Championship—A Quality Show This Year

BY HARRY W. GRAHAM

Mail and Breeze Staff Correspondent

great show. This breed was out in numbers and quality that attracted much attention. J. H. S. Johnstone, the author of much horse history, said, "It's the best Clyde show of any state fair."

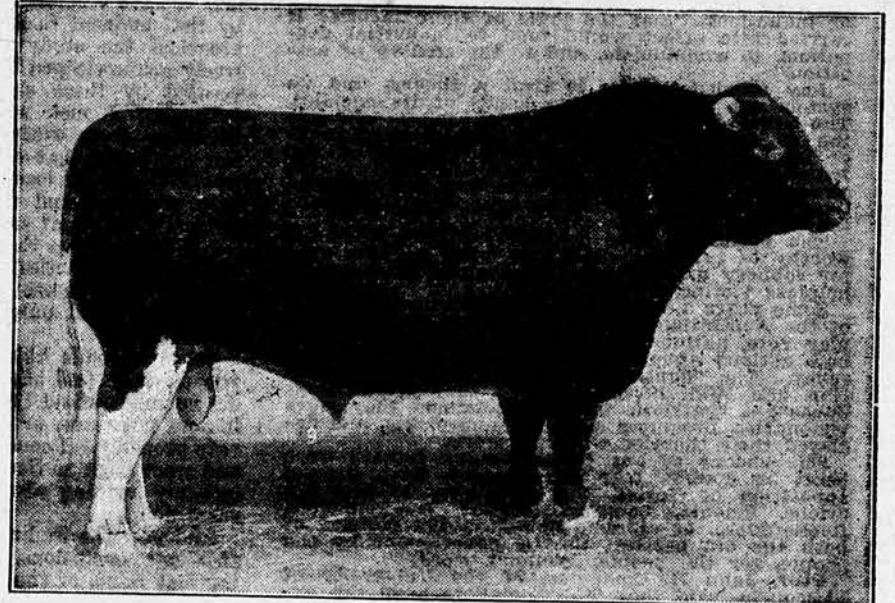
The championship of the Percheron stallions went to McMillan & Sons, of Rock Rapids, Iowa, on Incruste, as did also the champion mare and reserve champion mare, on Rosine and America. McLay Bros., of Wisconsin, won the Clydesdale stallion championship, while A. G. Soderberg, of Illinois, carried the same award away with his good mare. Truman's Pioneer Stud Farm, of Illinois, won the championship Shire stallion, while Frank E. Huston, of Iowa, took the mare championship. In the Belgians, Finch Bros. of Illinois won the stallion championship and Henry Lefebure, of Iowa, the mare championship.

## Missouri Herefords Win Everything.

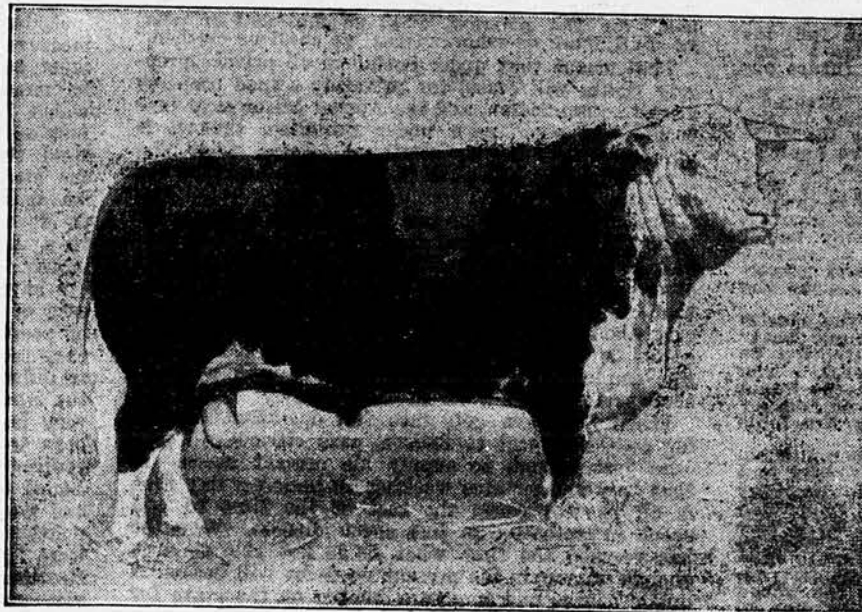
In the cattle department, the show was largely a Hereford show. There were seven herds this year as against 12 last year. All the leading prizes went to Missouri herds—O. Harris, of Harris, Mo., and J. P. Cudahy, of Belton, Mo., winning the bulk of the awards. Missouri also took the Grand Championship in the Shorthorn bull

class; Diamond Goods, of the Bellows Bros.' herd, Maryville, being the winner over the Harding bull, Sultan

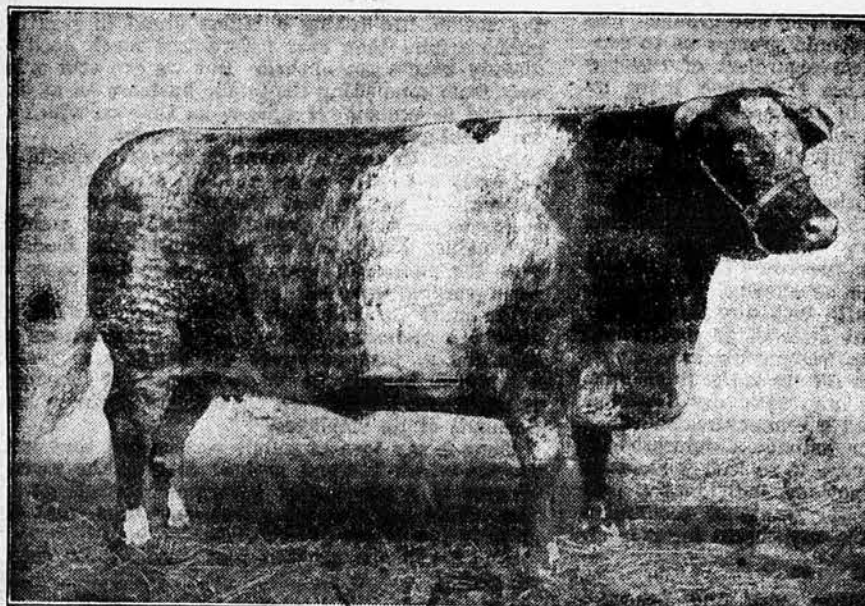
Shorthorns and Herefords were about equal in number. Each class presented a strong top but the tail ends as a rule lacked flesh. This was a subject of some severe criticism from some of the old time breeders who were present as visitors and who used to show cattle in the pink of condition. "We would never think of showing cattle in the condition that some of these are," said one. Another, who was evidently a Shorthorn fancier, was



Diamond Goods, a Missouri bull, owned by Bellows Brothers of Maryville, won the Shorthorn grand championship at this year's Iowa State Fair.



Fairfax 16th, grand champion Hereford bull at Iowa State Fair, 1912, owned and exhibited by J. P. Cudahy, Kansas City, Mo.



Fair Start 2d, grand champion Shorthorn cow at Iowa State Fair, 1912, owned and exhibited by George J. Sayer, McHenry, Ill.

heard to remark, "If the Shorthorn people don't look out, the Hereford breeders are going to go away yonder ahead of them again. Our Shorthorn breeders are not living up to their possibilities. There should be more activity, more sales, more publicity and a concerted effort on the part of every lover of the breed to push and boost the Shorthorn breed, like our Hereford friends are doing."

While both the Aberdeen-Angus and Galloway herds were fewer in number than last year, both breeds were complimented for uniform quality in nearly all the classes.

The dairy herds were strongest in Holstein and Jersey breeds and when the herd classes showed in these breeds, they filled the entire one-half of the large arena. Four herds were represented in the Guernseys.

## Swine and Sheep Numerous.

In the swine department the total number of entries was estimated at from 2,250 to 2,500 head. This is about 500 short of last year's record. The Duroc-Jersey breed was there in the largest numbers said to be 750 head. The aged sow class in this breed is pronounced the best aged class ever shown at this fair. The Poland Chinas were only a few head behind the Duroc-Jersey breed in numbers. A very noticeable feature of this breed, was the predominance of the big type throughout the classes. The Chester Whites and the Hampshire breeds made a strong showing in quality and numbers. The Berkshire classes were good and the Yorkshire breed made an equally good showing. Iowa always puts up a strong hog show, few states can excel it in quality and type with any of its swine breeds.

The sheep department contained its usual quota of breeds and numbers. Nearly 1,000 head were exhibited, embracing all the breeds. There were some very fine specimens of both home-bred and imported sheep.

The principal awards were as follows:

## Horses.

### PERCHERONS.

Exhibitors—Anita Horse Co., Anita, Ia.; Anderson, Harold, Cambridge, Ill.; Baker, Geo., Newton, Ia.; Barnett, W. H. S., Dexter, Ia.; Brown & Walker, Clarinda, Ia.; (Continued on Page 30.)

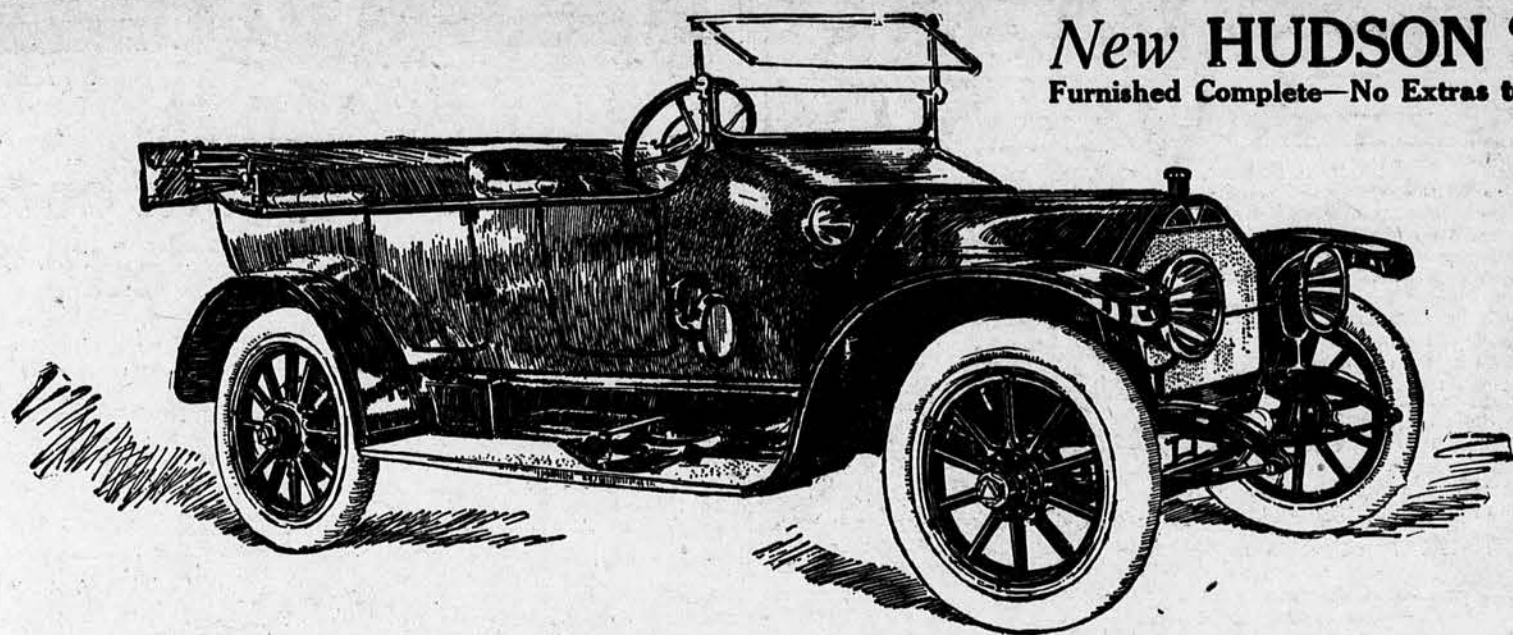
Stamp. The Aberdeen-Angus awards were confined to Iowa, while the Galloways' were divided between Nebraska and Iowa.

## Grand Championship to Kansas.

Hazlett's pure bred steer, Blanco, aged 11 months, won the Grand Championship, all breeds, pure-bred, grades and cross-bred. This calf was sired by Caldo 2d and out of Bloss, and weighs 950 pounds; Robt. H. Hazlett, a Hereford breeder and banker of Eldorado, Kan., is his owner. A good picture of Blanco is shown on the cover of this number of the Mail and Breeze. The grand championship group, consisting of three steers, was won by C. A. Tow, of Norway, Iowa, with his three Hereford steers, all breeds competing. There was much interest by ring-side and those in the audience of the great pavilion when these two classes were exhibited. The breeds showing were Herefords, Aberdeen-Angus and Shorthorns; Judges were, J. P. Cudahy, Belton, Mo.; C. J. Martin, Jefferson, Ia., and A. J. Ryden, Abingdon, Ill.

In the pure-bred cattle classes, the





**New HUDSON "37"**  
Furnished Complete—No Extras to Buy

## —The Composite Masterpiece of 48 Leading Engineers

*Men who have had a hand in building more than 200,000 automobiles of 97 well-known makes, offer now the car which all joined in building—the HUDSON "37."*

*It represents the best that each man knows. It is the composite of all these experts and expresses the development possible when the best engineering brains combine.*

### The Greatest Engineer of All—Their Chief

At the head of these experts is Howard E. Coffin, the foremost automobile engineer of America, recognized here and abroad as the most startlingly original designer the industry has produced.

His genius is an inspiration to his associates. From him they have gained in ability. On account of them he has become a broader and more versatile builder.

What one man lacked in experience, some one of his associates was able to supply. The problems one was unable to solve, others soon found the answer for.

That accounts for the completeness of this car. That accounts for the fact that you will find on it the very things that you have wished to find on an automobile. That explains why this car will do the things which other four-cylinder automobiles have failed to accomplish.

Imagine what strides, what advancement, men of such experience are bound to offer in the car which all have joined in perfecting.

It is all in the one car. It expresses as nearly the limit of four-cylinder construction as has been reached.

### Hadn't You Better Wait?

Even if you are impatient to have a new car now, don't you think it better to see the New HUDSON "37" before you buy?

No other car you can get this year, regardless of price, has all the features that are offered in the "37."

Consider for a moment the rapid advancement that has been made in motor car building. It is almost as startling as are the changes in fashion. Think how strange are the open cars of two years ago. What proportion of their original cost do you think such cars now bring? It is not due to wear that their value has declined so much. No, it is the advance that has been made in automobile building since the open cars were put on the market.

With that thought in mind you must recognize the importance of choosing wisely now. Automobiles as now built should be of service for many years and you don't

want to feel that you will have to buy a new car in two, three or four years because the one you have just purchased will, at that time, be out of date.

### Your Safety in This Choice

No one is likely to soon have many new ideas to offer that these 48 engineers have not already anticipated.

They all combine in saying that the New HUDSON "37" represents the best that there is in four-cylinder construction.

They proved every move they have made through 20,000 miles of gruelling country, mountainous, mud and snow driving.

The most abusive treatment one of the most skilled drivers could give in the thousands of miles he drove the car, without developing a single weakness, or discovering a single detail in which improvement could be made either in design, construction, simplicity, easy riding qualities, responsiveness, safety or power, is a guarantee that you will find it expresses your ideal of what a four-cylinder car should be.

## Electric Self-Cranking—Electrically Lighted

### Comfort, Beauty, Luxury

Every tail of comfort, beauty and luxury is included. You will find no other automobile to excel the "37" in these particulars.

It is electric-lighted throughout. The successful Delco patented self-cranking system, at the touch of a button within reach of your finger, and the pressure of a pedal, turns over the motor, for 30 minutes if necessary. Oil and gasoline gauges are on the dash.

*There is not a single action in the operation of the car which cannot be done from the driver's seat.*

Actual brake tests show 43 horsepower. Its rear axle is full floating. The rain vision windshield, the speedometer-clock, demountable rims, 12-inch Turkish upholstery and every conceivable detail of refinement, make it the most complete four-cylinder automobile on the market.

**Models and Prices.** Five-passenger Touring Torpedo or Two-Passenger Roadster—\$1875, f. o. b. Detroit. Canadian price, duty paid, \$2425, f. o. b. Detroit. One price to all—everywhere.

Go to see about this remarkable automobile today at the nearest HUDSON dealer. Write us for complete details, photographs, etc.

## HUDSON MOTOR CAR COMPANY

7438 Jefferson Avenue, Detroit, Michigan



## JAYHAWKER FARM DOIN'S

BY H. C. HATCH, GRIDLEY, KANSAS.

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

Rain enough to carry the Kafir corn to September 1 fell here this week and it now appears this crop is going to be good both in grain and fodder.

More than the usual number of farmers will wait this year and fill their silos with Kafir instead of corn. It makes practically as good silage and it can be put in the silo cheaper than corn.

The stalk growth of corn is going to be much larger this year than it was a year ago so that it will not take nearly so many acres to fill the ordinary 18 by 30-foot silo as it did then. Corn is much better than a year ago so far as grain is concerned so it ought to make fine silage.

Four weeks ago a man with shoats to sell might run around a week without finding a buyer but now they are in demand. It looks as if hogs would be high for another year for they are not in very great supply and pork will have to fill part of that vacancy made by the shortage of beef.

It is certain that we don't always know what is good for us and that which sometimes seems a calamity is nothing but a blessing in the end. Last spring we failed to get a stand of corn on the best field on the farm. A 5-inch rain came the next day after planting and not more than half the corn came through. It made us sore to think of replanting but the replant hit the season just right and that field is by far the best one on the farm.

Another neighbor sowed 25 acres in flax just before that 5-inch rain and like our corn, it never came up. He too, felt sore at the time but he went in and listed the field to corn and Kafir and now has fine crops of these two grains. Had the flax stood, it would just about have paid the expense of cutting and threshing, so what appeared to be a bad thing last spring was really

### THIRTEEN YEARS Unlucky Number for Dakota Woman.

The question whether the number "13" is really more unlucky than any other number has never been entirely settled.

A So. Dak. woman, after thirteen years of misery from drinking coffee, found a way to break the "unlucky spell." Tea is just as injurious as coffee because it contains caffeine, the drug in coffee. She writes:

"For thirteen years I have been a nervous wreck from drinking coffee. My liver, stomach, heart—in fact, my whole system being actually poisoned by it.

"Last year I was confined to my bed for six months. Finally it dawned on me that coffee caused the trouble. Then I began using Postum instead of coffee, but with little faith, as my mind was in such a condition that I hardly knew what to do next.

"Extreme nervousness and failing eyesight caused me to lose all courage. In about two weeks after I quit coffee and began to use Postum, I was able to read and my head felt clear. I am improving all the time and I will be a strong, well woman yet.

"I have fooled more than one person with a delicious cup of Postum. Mrs. S. wanted to know where I bought my fine coffee. I told her my grocer had it and when she found out it was Postum she has used it ever since, and her nerves are building up fine.

"My brain is strong, my nerves steady, my appetite good, and best of all, I enjoy such sound, pleasant sleep." Name given by Postum Co., Battle Creek, Mich. Get the little book in pkg., "The Road to Wellville." "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.

the best thing that could have happened.

Flax is again proving a disappointing crop. Last year we did not expect much but this year we did look for a fair crop as the growth of straw was so heavy. The average yield in this neighborhood runs from 3 to 6 bushels per acre. The highest we have heard of was 10 bushels and this grew on new ground. Flax seems to have an affinity for new soil.

The price we are getting for this flax is only \$1.40 per bushel and as many are convinced that next year it will go still lower not much flax will be sown here next spring. In former years we used to figure that flax was a pretty sure crop and that 7 or 8 bushels per acre could be made most any season but the last two years have proven that flax is not so sure as we thought.

We started a gang plow this week on flax stubble which we intend to sow to English bluegrass about September 1. It is the first gang plow we ever owned and we have only owned this for a week. It does very nice work and four pretty good sized horses abreast walk it along all right but we are not plowing very deep. We have found that ground to be sown in English bluegrass should be plowed shallow; it seems to take hold better on shallow plowing than where the ground is worked deeply.

The plow has two 12-inch bottoms making a 24-inch cut for the four horses. As the horses we are using will average 1,400 pounds weight each, the 6-inch cut per horse should not be too much. We fancied the 12-inch gang more than we did the 14-inch as the narrower the furrow, the better work there is done. Our big 16-inch sulky turns a fine furrow and it will bury almost any kind of trash, but it does not leave anywhere near so good a looking field behind it as the 12-inch gang does.

The price of prairie hay has gone up almost \$1.50 per ton, compared with the low time of a month ago, but this increased price only applies to the best grades and they are this year grading hay closer than ever before. Last year anything that was hay would sell quickly, and there was not much quarrel about grades, but now hay is so plenty that buyers are very particular about quality. The early cut hay is the best. July cut prairie hay was this year about as fine as any we ever saw.

Corn is two weeks behind in this section but there is not much chance that any will get caught by frost. In a few days many will begin to feed the green corn to their hogs and it seems that they will be safe in doing so but there is yet a question whether or not it would not be profitable to pay 75 cents a bushel for old corn for two weeks longer rather than feed this immature stuff. It seems hard, no doubt, to dig down for high-priced old corn when the fields are full of new but there is but little substance yet in this new corn.

The paint that comes on the new plow shares and cultivator shovels sticks very tight and is mighty hard to get off unless you know just how to do it. We used to work away with a soft brick and kerosene and a putty knife and after awhile would get the most of it loose but it took a good while. The application of a little lye will roll it off in a hurry. Soften the paint well with that and you can rub it off with an old gunny sack. Of course lye is hot and you want to be careful not to get it on your hands but it will take paint or rust off bright surfaces in quick time.

No hill too steep

**Jackson**

No sand too deep

## The Farmer needs comfort more than the city man

Because of the very nature of its work and the roads it travels, the farmer's car should be more comfortable than the city man's.

The farmer's driving is not over pavements and boulevards, but over the country roads, in whatever condition he finds them.

His car should be powerful, too; and sturdy and strong.

The Jackson is all these; as you have always known.

And for 1913 it is more comfortable—more roomy—easier riding—than it has ever been before.

The wheelbase is longer; the wheels and tires are larger.

The upholstery is 10 inches thick—deep, soft and luxurious.

Road shocks are almost entirely eliminated through the four full elliptic springs.

On a motor-driven vehicle full elliptic springs are just as efficient as on a carriage—and you know that they are the best spring equipment for a carriage.

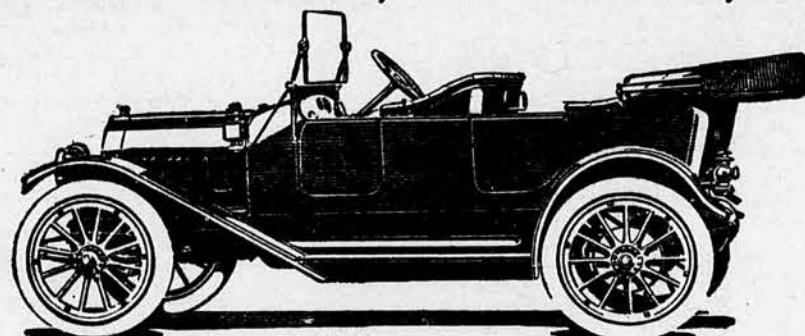
Mechanically the new Jacksons are fully up to the high standard set by the upholstery, finish and roominess of the bodies.

They have sufficient power for the worst road conditions, and they are both smooth and silent.

Write for the advance literature on the 1913 Jackson and the name of the nearest dealer.

We want you to try the car for yourself and see what real automobile comfort is.

**Jackson Automobile Co., 1415 E. Main St., Jackson, Mich.**



Jackson "Olympic"—\$1500

35 horsepower, unit power plant; long-stroke motor—4½x4½ inch. 115-inch wheelbase; 34x4 inch tires. Full elliptic springs, front and rear. Deep, roomy body, with 10-inch upholstery. Gasoline tank under dash, supplied from storage tank at the rear, with pressure pump. Total capacity twenty gallons. Equipment of Denco Self-starter, mohair top, top hood, ventilating windshield, speedometer, oil and gasoline gauges on dash, Prest-o-lite tank with automatic electric lighter; Firestone universal quick-detachable demountable rims, extra rim, tire carrier, robe rail, foot rest in tonneau, pump, jack, tire outfit and tools. Trimmings, black and nickel.

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We want farmers who raise 40 acres or more of corn or grain to send in their names for catalog. Also fine book of crib and granary plans and costs free—if you are thinking of building or remodeling. Saves you enough to pay for a Little Giant. Send name NOW.

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Solves the husking problem. Is triple geared. Biggest capacity unloader made. Finest lumber and steel make it strong and durable. Simple as can be. Drive load on jack, start horse or engine and corn or grain goes up in a jiffy. You can pick seed as corn goes up. Tight bottom saves all loose corn. Furnished with shifting conveyor or stationary spouts to distribute corn and grain perfectly to every part of any bin or loft. Many other valuable features fully explained and illustrated in big book sent free. Don't wait. Now is the time to investigate these dollar-saving, work-saving facts. Write postal. Address

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H. C. Fitch of Wellington, Ill. says: "My Little Giant is alright, perfectly satisfactory, and is a good investment. It works well and has never given me any trouble. I had four teams, four wagons of corn unloading at noon and night while the boys were resting. I would not be without one for three times its cost."

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Many other letters in our big Catalog sent FREE.



## The West Kansas Outbreak

Veterinarians Cannot Agree on the Cause

At the time this appears in print, probably from 2,000 to 2,500 horses will have become victims to the disease closely resembling blind staggers which is afflicting the horses in a strip of country 70 miles wide in western Kansas. Of late the territory in which the disease has appeared seems to be widening and extending northward. Up to



A Ness county horse with the "pasture disease." A horse will become dull and "sleepy-looking," staggering when it moves and die in convulsions within 6 to 12 or 15 hours.

last Saturday 500 deaths had been reported among the horses in Nebraska.

In western Kansas deaths continue to occur each day. A week ago J. H. Mercer, the state livestock sanitary commissioner, placed the loss conservatively at 1,500 head.

The disease has appeared in Ness, Rush, Gove, Hodgeman, Barton, Ford, Gray, Kiowa, Scott and Sheridan counties but has been most prevalent in Ness where it has caused the postponement of the Ness County Fair.

### The Disease Meningitis.

Until the last few days the majority of the veterinarians in the field have expected to find that the outbreak was due to a pasture fungus or mold poison, generated by the unusually wet season which during the late summer visited that part of the state. The department of agriculture at Washington ventured a long-distance diagnosis to the same effect. There was also the possibility that some narcotic weed in which the poison principle had been abnormally developed by the unusual rains in that part of Kansas, was at the bottom of the trouble. But the first of the week the veterinarians of Kansas Agricultural college pretty well established the fact that the disease is an outbreak of cerebro-spinal meningitis, an inflammation of the membranes of the brain and spinal cord due to a germ similar to the one which causes cerebro-spinal meningitis in human beings. A laboratory test, made by injecting the germ found in the diseased district into a guinea pig, resulted in the death of the guinea pig within 48 hours. An effort will be made to produce a serum with which to fight the disease.

### Horse-Saving Precautions.

Some writers attribute meningitis to smuts and molds supposed to be taken with the food. The disease is believed to be non-contagious, or that it cannot be communicated by bodily contact, although frequent extensive outbreaks, rarely, however, on such a scale as this one, indicate that it may be contagious.

Dr. Dykstra, of the college veterinary department, believes that the diseased animals contaminate the food and water supply, and that the healthy animals contract the disease by taking the germ into their systems with this contaminated food and water. He recommends the removal of all litter and rubbish from the barnyard or corral, and from the mangers. Thoroughly scrub out all water buckets, troughs and tanks. Disinfect all these premises and containers by applying a liberal application of some reliable disinfectant, such as ordinary dip, 2 per cent carbolic acid, etc.

Remove all horses from their accustomed feeding or grazing places and place them in the disinfected corrals and barns. Feed them green corn fodder, green silage and oil cake meal, or any food that has a laxative action. Every time the horse is watered, from ½ to 1 teaspoonful of permanganate of

potash should be put in each bucketful of water. Horses should be kept away from diseased animals, and all articles or places that have come in direct contact with these animals should be immediately disinfected. Horses should be kept from pasture till cooler weather begins. Diseased horses should have a separate attendant, and all water buckets and other utensils used for sick horses should be kept away from healthy animals. These measures should be thoroughly carried out, as half-hearted attempts are useless.

### Curative Measures That Help.

Most of the affected horses die. But curative measures will help some. The following, according to Dr. Dykstra, have given the best results.

Keep the animal in a shady place. Place on top of the head cold packs either of ice or water. Or this mixture may be used: One pound of Glauber salts, 1 pound of ordinary salt and 1 pound of saltpeter. To these should be added a small quantity of vinegar. Do not drench affected animals, as the throat is paralyzed and they cannot swallow; drenching will therefore result in lung fever. Every two or three hours inject into the rectum about ½ gallon of cold water, and three or four times daily inject in the same way some milk to which has been added 2 or 3 well beaten eggs.

The symptoms of cerebro-spinal meningitis are a staggering gait, partial or total inability to swallow, and spasms or convulsions. In western Kansas the horses become affected suddenly and some are said to die in from 6 to 12 or 15 hours. This is more rapidly fatal than meningitis acts usually. They are noticed to be dull and "sleepy," stagger about when they move, and finally die in convulsions.

### May Be the Palisade Worm.

The members of the State Veterinary board do not believe that meningitis is killing the horses, but that the infection is caused by the Palisade worm, usually found in the hay, fodder and pasture of swampy land. The symptoms are much the same as blind staggers. The horse suddenly begins to stagger, the eyes become "fixed" or staring, the animal takes on a dull, droopy aspect and death follows paralysis. Some cases of this infection exhibit colic symptoms, depending on what part of the circulatory system is affected. The worm causing the disease is very small and is most frequently taken into the system by the drinking water. Preventive measures consist in keeping horses away from stagnant pools and low places where stagnant water has stood. Feed a laxative diet for a day or two, then fast the animal from 12 to 24 hours and administer on an empty stomach 1 quart of raw linseed oil, to which has been added 2 ounces of turpentine. Repeat this in 12 hours. Great care should be taken in administering the oil for fear of strangulation. In case the animal struggles, lower the head. A quart and a half of melted lard may be substituted for the oil. This course of treatment should be repeated in from 6 to 8 days. Afterwards it will be of advantage to give them access to a mixture of sulphur 1 pound, copperas 1 pound, common salt 6 pounds.

Scott county, just west of Lane and Ness counties, is the county invaded latest by the disease. One hundred cases were reported there Saturday.

### Forage Poison, Says Washington.

A press bulletin on the cause of the outbreak in western Kansas, issued August 31 by the U. S. department of agriculture at Washington says:

Acting Secretary of Agriculture Willet M. Hays gives out the results of the department's investigation into the cause of the disease which has proved so fatal to horses in western Kansas.

The trouble is a form of forage poisoning due to drouth and to short feed in pastures. The disease is not contagious, and no effort to stamp it out will be necessary, as many horses recover when removed from dried pastures to feed lots with abundant supplies of green alfalfa or other green feed.

The department will continue the investigation of the conditions and desires information as to all localities where the disease exists or may put in its appearance.

Dr. S. J. Crumrine, secretary of the  
(Continued on Page 39.)

### "Packed Full of Painting Facts"

That is the way some one has described our booklet "Handy Book on Painting," which we send to any farmer requesting it.

## Dutch Boy Painter

### Pure White Lead

and pure linseed oil make the most serviceable paint you can buy for any use. This book tells just how to mix and apply them. Tells how to determine the quantity of paint you will need for your house, the number of coats to apply and how to get the colors you want, etc. You hire a good painter for important jobs, but every house owner should know these paint facts for himself. It is knowledge that will mean money in your pocket and a better job of painting.

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"American" Dump and Portable Elevators are built of wood or steel and in any size or style to fit any crib or granary. We also build stationary outfits for inside work. Outfits include flexible spout to carry grain to any part of crib or granary without the use of conveyors.

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"American" Dump and Portable Elevators are built by experienced workmen from the most desirable material—they are the strongest, best finished, easiest operated and fastest working elevators on the market. These elevators will save up to 1c per bushel on the cost of picking corn—soon paying for themselves in the money they save.

They will handle ear corn, shelled corn, or small grain of any kind. They can be furnished in any length to meet any requirements. They can be used to fill any style cribs or granaries and they are absolutely guaranteed to give satisfactory service.

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Our line consists of Portable Elevator, "Ottawa" Cylinder Corn Sheller, "Little Boy" Surface Cultivator, and Farm Trucks with Steel Wheels. We do not issue an elaborate and expensive catalog. Our investment goes into high-class material and high-class workmanship. Our catalog is small, but it contains big facts. Send your name today for free catalog and prices. A postal card will do. Address Dept. 12



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1912 Style



## What Farmers Are Thinking

You are cordially invited to air your opinions in this column, but the Mail and Breeze reserves the right to condense such statements as far as possible to give other contributors a chance to say something. Short, crisp expressions of opinion on matters of interest or consequence to farm folks are welcome. All contributors must take their turn.

### Republican Enough for Him.

Mr. Editor—I am for Capper for governor because he is a Republican and because I believe he will give the Republican party a good, clean administration. I wish Arthur Capper success.  
Selden, Kan. G. H. Barnes.

### Opposed to a Farm Adviser.

Mr. Editor—Enclosed find copy of resolutions adopted at our Grange meeting July 28. Please insert same in your paper:

Resolved, that we condemn the farm adviser as an unnecessary burden upon the farmers and taxpayers of this, Coffey county.

O. B. Kellerman, Secretary.  
Burlington, Kan.

### Why All This Silo Talk?

Mr. Editor—About 40 years ago, dear Tom, I remember to have seen a published statement that read about so: Careful and exhaustive experiments carried on at the Manhattan Agricultural college have clearly and emphatically demonstrated there is no economy in feeding silage. Stock fed on clean fodders, preserved in the usual way, put on as much fat and growth as did feeding from the silos.

Now I ask why all this silo talk? Is it because there are silos to sell with their necessary accompaniment of engine and cutters? I for one think so. There are 74,000 tenant farmers in Oklahoma that are too poor to build a pig pen and it is distressing to a point of distraction to be told success depends on the silo.  
J. J. Powell.

Holdenville, Okla.

[Whether or not the college ever published this statement about silos, we cannot say. Forty years is a long time, time enough for everybody to change his mind advantageously to himself about a good many things. The readers of Farmers Mail and Breeze, who use silos, have given ample reasons in their communications on the subject within the last two years for "all this silo talk." Still it is possible for a man to farm and make money without a silo, but if he has one and stock to feed from it all the better for him.—Ed.]

### A Socialist Files a Protest.

Mr. Editor—I have just finished reading your article in Passing Comment entitled, "Party Platforms." In it is made clear the fact that the recent platforms of the two old parties contain practically nothing which binds those two parties to respect the pressing needs and demands of the people. One would naturally infer that those two are the only ones which have as yet been placed before the people, inasmuch as you mention no other. This, as you know, would be an entirely wrong inference; and I can see no reason for your having ignored the fact as to the presence of a third platform. Permit me to say that this third platform is a platform with naught but the interest of the people at stake, and is the one which should receive the attention and, in my estimation, the support of every voter, especially the farmer. This platform is the one offered by the Socialist party.  
S. E. Turner.

Washington, Kan.

### He's Disappointed in Roosevelt.

Mr. Editor—In a recent issue you talked quite freely of the new platform and Roosevelt. When Roosevelt first became president, I thought that he was a man who was going to do a vast amount of good and accomplish something, but I was fooled. In 1904 Roosevelt promised if elected to bust the trusts. Did he bust a single trust? Then in 1907 we had a panic that knocked the bottom out of the full dinner pail and it has been empty ever since. And what did Roosevelt do but turn 50 million dollars of government money over to Wall street so that Morgan could gallop in and save the country. And it took a wise and intelligent

Congress five years to find it out. Then Roosevelt voluntarily appeared before the Stanley Steel committee and testified that he permitted the steel trust to absorb the Tennessee Coal & Iron company in direct violation of the Sherman anti-trust law.

Now he says we had effective control of the trusts four years ago. Taft hollered regulate the trusts. What is the difference in regulating the trusts and controlling the trusts? A. L. Mason.

Route 1, Buffalo, Kan.

### Should Forbid Narrow Tired Wagons.

Mr. Editor—I don't believe we need a change in narrow tired buggies but we do need wider tires on our wagons for the good of our roads. I would like to see a law passed forbidding the sale of narrow tired wagons after date, giving dealers a chance to sell what wagons they now have on hand. I know we can have good roads by keeping them graded and by using a road drag. I have helped drag the roads for over two years and know it pays.

Burlingame, Kan.

F. P. A.

### Let the City Boy Know Farming.

Mr. Editor—For the last few years there has been a great agitation for teaching agriculture in our rural schools, but so far I have not seen anyone advocating the teaching of agriculture in the city schools, where such a course, although it need not be so extensive as in country schools, would be of great benefit to the country. While it is obvious that there are many farm boys who, by natural gifts and bent, are better qualified for doctors, lawyers or merchants than for farmers, so there are city children that are "natural born" farmers. All that these city children lack is the incentive which could best be given them through the teaching of the first principles of plant and animal culture. Even for those that do not later pursue this course, the teaching of agriculture would serve the purpose of rounding out their education. As it is now a large per cent of the city children are crammed with learning, but with no knowledge of the soil that produces for them. By giving the city children a course in agriculture, we would be aiding the back-to-the-farm movement more than by trying to "convert" the grown-ups.  
G. W. Kretzmann.

Sylvan Grove, Kan.

### The Dry-Land Farmer and the Disk.

Mr. Editor—I read with much interest J. H. Miller's letter in a recent Mail and Breeze. I heartily agree with him as to the need of more stock and less wheat. Especially do we need more cattle. The thistles are rapidly taking the buffalo grass and unless we have cattle to stock the ranges the grass may be killed out.

But I do not agree with Mr. Miller in regard to the disk plow. Instead of being an "infernal machine" the disk plow is the best plow for this country. You can plow wet or dry with it much of the time when you cannot use the moldboard plows on account of drouth. With the disks set close enough together and run a good fair depth, the disk plow does just as good work and pulls much lighter than the moldboard plow.

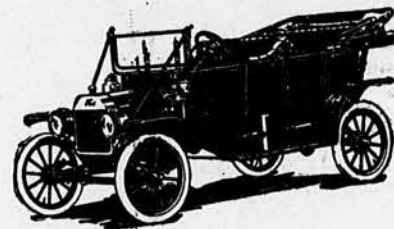
I spliced the irons on my disk and gave it all the lock it would turn with, then weighted it down with two sacks of dirt and put on eight horses, with a shovel following to split the center ridge. I single disk the ground, then after a few days disk again, splitting the ridge thrown up by the disk. This brings it level. Continue this at intervals until the middle or last of May, then drill in your cane seed. The object is to start all the weeds and like Romulus, "kill them when they come." Cane put in this way is clean of weeds, never fired during the dry weather of July and is now making a heavy growth. Ground that was plowed after the weeds started is weedy, cane burned down and had to start again when the August rains set in.

Terryton, Kan. F. E. Greathouse.

A high grade, guaranteed durable live rich red barn paint is sold by the Sunflower Paint & Varnish Co. of Ft. Scott, Kansas, direct to the consumer at only 85c per gallon in 5 gal. cans, freight prepaid. This is a paint proposition worth considering by every farmer. This is a reliable company and now is paint season. Try this paint.



Farmer's dollars are big dollars—because they are hard earned dollars. It is because the American farmer is ever a careful and pains-taking buyer that he is to-day the happy and proud possessor of more than half the Ford cars in existence.



75,000 Ford cars already sold this season—one-third of America's product. Five passenger touring car \$690—three passenger roadster \$590—torpedo run-about \$590—delivery car \$700—town car \$900—f. o. b. Detroit, complete with all equipment. Get catalogue No. 321 A from Ford Motor Company, Detroit, Mich.

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## Add Some Betterment Each Year

### THE REASON WHY.

There is a great satisfaction in having things shipshape about the home place, even if this only applies to such spare-time jobs as you can do yourself. Every man knows how pleasing a place that is well kept looks to him and, even if it is not his own, the respect that rises in his heart for the man who does own it. But, if it is his own, the feeling with which he gazes at the achievement, whatever it may be, pays well for the effort he has expended on it. Then there is the realization that in these times of high-pressure work on the farm conveniences and handy contrivances, of any and all kinds, are more than a comfort, that they are time, work, patience and money-savers. Every year some helpers of this sort should be added to the farm and home equipment. This is really the idea back of the "Improvement number" Farmers Mail and Breeze gets out and the reason why some pains are taken to tell our folks how a good many such jobs can be done by home folks. Some material of this kind, "leftovers" from last week's Improvement number, appear on this page.

### How To Build a Cistern.

Mr. Editor—I see somebody wants to know how to build a cistern. As I have done such work for years, here are some suggestions: Dig your cistern in



a jug shape, that is, start the hole 4 or 5 feet at the top of the ground, then dig under gradually until you get it about 8 or 9 feet across (at 2). Then commence drawing it in gradually until you get it as deep as you want it. I suggest that you dig it 18 or 20 feet deep, for the deeper the cooler the water will be. Make it 2 feet across (at 1), and 4 or 5 feet wide at 3.

For making the walls use concrete, brick or concrete blocks. (I prefer brick set edgewise.) You first wall up the cistern with the brick or blocks as you desire, using cement mortar like any other masonry. The mortar is made by mixing 1 sack of cement with 14 or 15 shovels of sand, mixing the sand and cement together thoroughly dry. Be sure you get it thoroughly mixed before you put in any water. Now pour in water enough to make a mortar, but not too stiff. When you get the cistern walled up the next thing is to make the bottom. The bottom should be rounded out for easy cleaning. Use crushed rock, cement and sand. To 1 sack of cement put 14 or 15 shovelsful of sand and to that add about that much rock. This makes a good bottom. You must mix your cement, sand, crushed rock all together dry, then when you get them thoroughly mixed you can add water enough to make a thin mortar. This you put in the bottom 4 to 6 inches thick.

A filter can be built out to one side of cistern. Pipe the water into the cistern from the filter. A cistern is all right if built right. J. S. Hunter. Savannah, Mo.

### When Laying Prepared Roofing.

[Written for Farmers Mail and Breeze.]

Never lay prepared roofing, or tin, on green lumber.

Begin nailing at the center and work toward the ends.

Do not drive nails crooked, or drive the heads through the lap.

Lay so the water will run over and not against the lap.

Roof boards should be perfectly clean, and knotholes covered with tin.

Be careful to let no nails lie on the roofing, for if stepped on they will cut a hole through.

The edge of the roofing should project over the edge 1½ inches and be nailed to the edge of the roof board—not the top.

All nails in sheathing boards should be driven home. If they are not they will be apt to work up through the roofing.

No nails should be driven in cracks or

(Continued on Page 39.)

## A Real News Event



## Use This Gate Three Years

And if you don't find it absolutely satisfactory in every way, I'll give you your money back. I won't quibble; I won't ask you to take another gate—I'll just fork over the money with a smile. Can you ask for a stronger guarantee or a fairer offer than that? It means exactly what it says. I couldn't give you such a guarantee—I wouldn't dare make such an offer—if I were not sure that I have the perfect farm gate. It's my famous

## American Self-Lifting Galvanized Steel Gate

used and endorsed by leading railroads, the U. S. Government and farmers and ranchmen everywhere. I ask every reader of this paper to investigate this gate and my liberal selling offer. It is the strongest, most durable, most convenient and most economical farm gate ever made. You owe it to yourself and your pocket-book—to your peace of mind and your own satisfaction, to see this gate before you spend your money for gates that go to pieces in a few months.

**Here Is Why** It is not Automatic, but Self-Lifting: It is made of two-inch high-carbon drawn steel tubing—heavier and stronger than any other gate made and all couplings are made of the same steel. Other gates use cast couplings. They break and you know it. It is galvanized. It is five feet high—(most other gates are four and one-half feet high). It is adjustable and will swing over uneven ground or snow. It sits plumb on sagging or knotty posts. It has both Ratchet and Loop lock and is therefore hog-tight and bull-strong. It will not sag or drag. It is made to full size of fence opening. Its hinges are suitable for all standard wood posts (for concrete or stone posts proper hinges are supplied). It can be opened with ease by woman or child. It is securely and strongly made. It is the one perfect farm gate.

My American Self-Lifting Galvanized Steel Gate has justly won its title of the "Perfect Farm Gate", so named by its thousands of farmer users. You will say so, too, after you have personally inspected it. See it at your dealer's—better still, write me today for my illustrated booklet describing this famous gate in detail; read the booklet carefully; dissect every part of the gate; criticize it from every angle, if you can—then see the gate itself. Remember, I invite every possible test. Jump on it, hang on it, jerk it—run a herd at it, even—test it in every way you possibly can. Then, if you are satisfied, and you will be, buy it—and on this liberal guarantee:

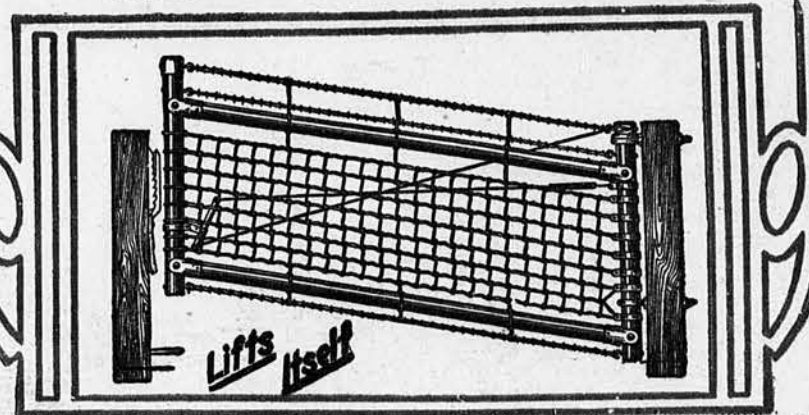
**Use the Gate Three Years** and if you do not find it to be exactly as your dealer and my Company represent it, return the gate and get your money back.

Write me today personally for dealer's name and my illustrated booklet.

*A. L. Goodwin*  
Vice-Pres. and Gen'l Manager

## THE AMERICAN FARM GATE CO.

1403 Elmwood Ave., Kansas City, Mo.



## Cement Floor For Corn Crib

BY TUDOR J. CHARLES.

Mr. Editor—In a recent issue of Farmers Mail and Breeze I noticed the article under the head of a "Corn Crib for 160-acre Farm," and just wanted to say that the man who builds a crib with a board floor is a back number. My crib shown in the picture has a cement floor and steel roof. The floor is 6 inches thick, requiring 52 sacks of cement, and is cheaper than a board floor would have been. The crib is 60 feet long, 16 feet wide, and the sides are 16 feet high. It is filled by means of



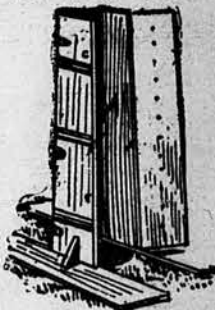
THIS BEATS SHOVELING.

a portable elevator and holds 6,500 bushels of corn. The framework of the crib is all of 2 by 4 cottonwood and the siding is 1-inch stuff, also native lumber, all of which was sawed on this farm. The crib is well braced with 2-inch stuff and there are five compartments, the partitions giving the building extra strength. The corn keeps perfectly in this crib. The total cost of the crib, not including labor was \$165, but all the labor on it was done by ourselves.

Republic, Kan.

### Way to Cast a Concrete Post.

Mr. Editor—To make a mold for posts 8 inches square at the base, 6 inches square at the top



and 6 feet high, cut two boards 6 feet long, 8 inches wide at one end and 6 inches at the other. Cut two other boards the same length but 10 inches wide at bottom and 8 inches at top, using inch lumber. Fasten 3 or 4 cleats over each board to keep it from warping. Fasten these four boards together, letting the wider boards lap over the other two. Fasten three corners with hinges and the fourth with hooks or hasps.

### Providing Holes For Fence Wires.

On two sides of the mold bore ½-inch holes 6 inches apart the entire length of boards. Through these holes run ½-inch iron rods long enough to reach from side to side. These rods are placed in position before putting in the concrete. When post is dry they are drawn out, leaving holes through which are passed short wires for fastening fence to post.

To hold the mold firm fasten two boards 3 feet long and 6 or 8 inches wide to the bottom on two sides. As an additional brace a triangular piece of wood should be nailed on two sides, which makes it impossible to move the mold in any direction when tamping in the concrete.

### Casting a Post For a Corner.

The post hole can be of ordinary size for line posts, but for the corners it may be braced by digging a larger hole. When this is filled with concrete, which of course is part of the post, little if any lateral bracing is needed. After digging the hole set the form over it, place the ½-inch rods in position and fill the mold with the concrete mixture, tamping it in securely.

This method avoids all danger of breakage in handling and gives you a post that is in every way as strong as stone, fire proof, frost proof and so firmly set in the ground that the base will withstand any strain the upper part of post will bear.

B. O. Williams.

R. 1, Alma, Kan.

Clean surroundings constitute the best protection from disease.





## Ten Eyck's Replies

TO FARM QUESTIONS

Conducted for Farmers Mail and Breeze by A. M. Ten Eyck, Superintendent Fort Hays Branch Experiment Station, of Kansas Agricultural College, Hays, Kansas.

### Destroying Sumac and Buckbrush.

We have a pasture which is running to bluegrass and the buckbrush and sumac are coming up all over it. There are two spring branches with timber and the brush growth appears to be crowding out from them. Some patches are too heavy to mow. Is there any way of killing this brush, besides grubbing?—W. A. W., Wamego, Kan.

Breaking the sod or cutting or grubbing the brush in August will largely destroy sumac and buckbrush. Pasturing with sheep or goats will also result in destroying the brush after a time.

A. M. Ten Eyck.

### Seed This Alfalfa Next Spring.

Would you advise sowing alfalfa this fall where grasshoppers are numerous? I want to seed a 12-acre patch that had wheat on it this season. I listed the ground after the wheat was stacked and have now split the ridges. I expect to work the ridges down with the cultivator.—S. B. A., Wakefield, Kan.

It will not be advisable to seed this field this fall. The grasshoppers will almost surely destroy the young plants. Better continue the cultivation as required and seed early next spring.

A. M. Ten Eyck.

### Cut Second Crop Kafir Early.

I mowed a field of sowed Kafir corn about July 24 on account of dry weather. Since mowing, we have had good rains and there is a second growth. Will it be liable to poison stock, if let stand until frost and then put up for hay?—J. M. B., Pawnee Rock, Kan.

Cut this fodder before heavy frost. If it is cut and cured well, this second growth of Kafir should make as good fodder as the first cutting; and it should contain no poison, since the curing of the fodder is supposed to destroy the poisonous principle which sometimes develops in the growing plants.

A. M. Ten Eyck.

### Lister Drills for Wheat Sowing.

We read in the Mail and Breeze about the Lister drill; that wheat sowed with it will not blow out. We use disk drills here, and wheat blows out more or less every year. Will the Lister drill corrugate the land sufficiently to keep it from drifting? Will they work in weedy and trashy land? Where can they be bought? Our dealers do not handle them.—C. D., Guymon, Okla.

I have not used a "Lister drill." The only one which I have observed advertised is sold by Metzger & Company, Middleton, O. I cannot advise whether this drill is a success or not. It is a new drill, and has not been tried extensively as yet. The principle of planting wheat in a shallow listed furrow in this country, I believe is all right. Such a furrowed condition of the soil will tend to prevent soil drifting. Also, the furrowed soil will catch and hold the snow and rain better than the more level surface.

A. M. Ten Eyck.

### Fall Seeding of Grasses for Pasture.

I have a piece of upland that I have summer fallowed, which I wish to get into permanent pasture. When shall I sow and what?—G. C. E., LeCompton, Kan.

Sow a combination of 6 pounds Bromus inermis, 8 pounds meadow fescue, 10 pounds Orchard grass, 10 pounds Kentucky bluegrass, 4 pounds Alsike clover and 1 pound White clover seed per acre. If the conditions are favorable, you may sow the grasses early this fall in a well prepared seedbed, and sow the clover broadcast early in the spring, depending on the late freezing and thawing and early spring rains to cover the clover seed. Clover may be seeded in the fall also, but it is likely to winter-kill. Perhaps the better plan will be to sow the clover both in the fall and in the spring. I am mailing Bulletin No. 175 on Grasses.

A. M. Ten Eyck.

### Winter Oats Are Recommended.

The Mail and Breeze recently asked for information in regard to winter oats. What did you find out? I want to buy some seed now; where can I get it?—M. B., Coldwater, Kan.

Winter oats are not hardy at this station. At Manhattan, the winter Turf oats have proven to be fairly hardy. When I left the Experiment station at Manhattan two years ago, I was breeding a variety of winter Turf oats which had withstood the winters

at that station for five or six years. I do not know whether the variety has been retained or not. For information, write to Prof. W. M. Jardine, Manhattan, Kan.

While winter oats will prove hardier in southern Kansas than at this station, yet I would not recommend any variety for general planting in Kansas at this time. The regular seedsmen can supply seed of winter oats.

A. M. Ten Eyck.

### Will Manure Make Scabby Potatoes?

I want to manure some ground for potatoes but have heard that the manure causes them to scab. We are digging potatoes now. Would it do to spread manure over the patch and disk it in or would it be better to apply it next fall or winter and plow it under? I have fresh manure in the barn and rotted manure in the feed lots.—R. W. C., Eldorado, Kan.

The application of fresh manure to land which is to be planted to potatoes is said to cause the development of scab on the tubers. Well rotted manure is less likely to cause scab and the longer the manure is applied before the planting of the potatoes, the less likely are the tubers to become infected.

Your plan of applying manure now and plowing it under deep is a good one. The land may be listed or re-plowed later in the fall or early in the spring as condition may require, in order to prepare a favorable seedbed.

A. M. Ten Eyck.

### Preparing a Loose Sandy Soil.

I have a piece of very loose sandy land which I want to seed to alfalfa this fall. This land is very rich, but loose. We plowed last spring as deep as a 16-inch plow would run and sowed to millet. It made an immense crop, so left a heavy crop of stubble. Crabgrass is growing some now. This land is packed on top, perhaps 4 inches deep, but below the soil is very loose. Would like your advice as to treatment of this land, and about what time to sow. One end of this field "blows" in the spring, but will put a heavy coat of manure on and see if it will not stop the blowing.—W. A. W., Wamego, Kan.

Do not plow but disk the millet stubble field as shallowly as possible, harrow several times and sow the alfalfa early in September. Or it may not be advisable even to disk; perhaps a suitable seedbed may be prepared with the harrow. If there are not too many weeds, it may be preferable to drill this field to alfalfa without giving any cultivation. The stubble will then furnish an excellent cover to prevent soil drifting.

A. M. Ten Eyck.

### Wheat Should Not Follow Kafir.

Will wheat do as well sowed in Kafir ground as it will often in Indian corn? My ground is clear of weeds and thoroughly filled with moisture. Does Kafir draw more fertility from the ground than Indian corn?—F. S. E., Russell, Kan.

Wheat seldom does well after Kafir corn. Kafir grows late into the fall, and leaves the soil more exhausted in moisture and plant food than corn. Wheat after corn often produces good crops. I would not follow Kafir directly with any fall sown grain or any early spring grain. Better get Kafir land back into good tilth by growing some late planted soil-renewing crop on the Kafir land the next season, such as cowpeas or, at least, follow Kafir with some late planted crop, summer fallow the land the next year after growing Kafir, preferably adding manure or plowing under some crop for green manure.

I am mailing circular on dry-farming, which gives some discussion on the effect of Kafir on land.

A. M. Ten Eyck.

### The Best Way to Silo Kafir.

I put up a silo last fall and a wind storm blew it down and broke it into a good many pieces. Have not been able to get it up again. Would it pay me to rebuild that silo and put corn or Kafir in it? Or had I better husk the corn and feed it to hogs or market it? If Kafir was let go till ripe, then topped, and the fodder put in silo, how would that be?—J. A. D., Lyndon, Kan.

A cement silo it would not have blown down. However, if this silo can be repaired and put into good shape, I would fill it again this fall either with corn or Kafir. If your corn will make a good crop of grain, I would use the Kafir to fill the silo and put it in, heads and all, before the grain is fully mature. This will make the best quality of feed, and will be the most economical way of feeding your Kafir crop.

I do not favor the plan of heading after the grain has become mature and putting the headed stover in the silo. Of course, this headed Kafir would be worth more for silage than for dry fodder, but the whole Kafir cut at the

proper stage of maturity and siloed in good condition will be worth more as feed than the grain and stover fed separately, and as stated, siloing the whole crop will be the cheaper way of handling it.

A. M. Ten Eyck.

### Green Manuring Before Alfalfa.

I want to sow some rather thin land on the Arkansas river bottom to alfalfa next spring. Would second growth Kafir be of much value plowed under for manure? I have been advised I cannot grow alfalfa successfully on this land. It is only 4 to 5 feet to water. The soil is 4 to 8 inches thick and underlain with pure sand.—J. M. B., Pawnee Rock, Kan.

This crop would have some value as green manure. For this purpose, it should be plowed under soon, before the growth becomes too rank. Also sufficient time should be allowed for the green matter to rot and for the soil to settle and get into good seedbed condition before the alfalfa is seeded next spring.

The danger in plowing under this crop is that the soil will remain too loose and mellow to make a good seedbed. Then there is danger of the plowed soil blowing during the winter and early spring. If the soil was heavier in texture or the time was longer until the seeding of alfalfa, I should advise the green manuring; but under the conditions I would not plow the crop under, but cut it rather early and remove it for fodder. Then, do not plow, but simply harrow early in the spring and sow the alfalfa with a drill, leaving the stubble standing. The stubble will prevent soil drifting and offer a certain protection from the packing of the soil by heavy rains. It will be a good plan to fertilize this land before seeding alfalfa, but the best way to accomplish this is by giving a surface dressing of well rotted manure during the fall and winter.

It is doubtful whether alfalfa will succeed for any great length of time on such land as you describe. Likely, the first real wet season may drown it out. However, I would try it, because if the stand continues only a few years, alfalfa will be a paying crop, while it lasts.

A. M. Ten Eyck.

### Dry-Farming and Corn Crops.

When the corn was in tassels here hot winds killed the tassels before the ears could get started. Before that some of this corn looked good for 80 bushels per acre but now it will not make over 10 bushels. The stand was fine, the soil in excellent shape and free of weeds. I have been studying and applying dry-farming but don't believe we can raise corn without rain when the hot winds blow.—H. E. H., Independence, Kan.

You appear to be suffering worse from drought in Montgomery county than we are way out here in western Kansas. At the Hays station, we have finished threshing 400 acres of wheat, which averaged nearly 25 bushels per acre. We had some very dry hot weather here in June and July. It did seem as though all the crops would be destroyed, but rains came early in August and our corn now promises a fair crop, and Kafir is simply fine. I dare say that 280 acres of Kafir on this station will make an average of 40 bushels of seed per acre, besides a large yield of fodder. We have been practicing dry-farming methods which I think helped a great deal. All of the corn and Kafir ground was listed into deep furrows late last fall, which caught the snow and early spring rains. Then the furrows were filled last spring and the fields were relisted at planting time, thus destroying many weeds and conserving some soil moisture. We have kept our corn and Kafir well cultivated and quite free from weeds, which accounts in part for its good condition.

I agree with you that you cannot raise corn without rain and that hot winds will sometimes destroy a crop in a day or two, but storing the moisture in the soil in the interval between crops by fall listing or deep plowing, will help a great deal and may often save a crop.

I am mailing you a circular on dry farming and lister methods of culture.

A. M. Ten Eyck.

### DARN YOUR OLD STOCKINGS

with the Capital Handy Stocking Darn. Fits any sewing machine. Will darn a sock or mend a hole in a grain sack in five minutes. So simple a child can use it. Mail and Breeze 13 numbers and one Darn 35c; 26 numbers and one Darn 55c; 52 numbers (one year) and Darn for \$1.00. Address Mail and Breeze, Topeka, Kan.



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The Big Four "30" is the safest, surest, most

economical and efficient threshing power in the world. Has many advantages over the steam engine. No water to watch, no steam to keep up, no fire and no danger of any kind. Motor runs smoothly hour after hour without attention. One man runs separator and engine. Engine and separator can be set so that wind will blow directly from engine to separator, which helps separator handle grain and makes a lot of difference in the pitchers. Only a small crew is required, instead of old-time large crews.



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half-inch tongues and grooves—heavy all-steel door-frame—hinges form ladder—billet steel hoops—a silo with every convenience and built to last a lifetime. Write for catalog.

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# The UPLANDS of ARKANSAS



## \$600

**(Payable a Few Dollars Monthly) Will Make You the Owner of Forty Acres of Land as Fertile as Any in the World and in a Locality Where Irrigation is Unnecessary**

If you have read the newspapers thoroughly in the last few weeks you must have noticed the articles bearing upon the bumper yield of fruit in Arkansas this year. Reliable reports state that it will be the greatest in the history of the state. Tales are being told of the profits of individual orchard owners which read like fairy stories, and facts and figures are bearing out what keen observers of fruit conditions in the United States have long predicted, namely: that Arkansas will one day be recognized as the greatest fruit producing state in the country. And it is not because of especially favorable weather conditions that this year's crop is so large—it is because an enormous number of infant orchards, started a few years ago by men who realized the great opportunities, are just coming into bearing. For the same reason next year's crop will be greater and so on.

### Free Life Insurance

Upon the death of any purchaser of any part of the Fort Smith Lumber Co.'s tract, the Company will give a clear deed of title to his beneficiaries, providing any and all payments in arrears at time of death be paid in full. In other words, the contract entered into by the purchaser will be declared executed and the beneficiaries will own the land without further payment. This will hold good no matter if the purchaser should lose his life one hour after he has contracted for the land.

There is seldom a year of fruit failure in Arkansas and it is a fact that orchard owners realize a greater net profit there than fruit growers in nearly any other locality.

### The Great Promise in the Uplands of Arkansas

Of all the localities in this wonderful state (the resources of which are just

being discovered) none holds out greater promise or possesses more natural advantages than THE UPLANDS OF ARKANSAS. This is a 35,000-acre tract of land which the Fort Smith Lumber Company began selling over a year ago in small tracts at the exceedingly low price of only \$15 an acre. No better proof of the merit of this land could be asked than the fact that in sixteen months we have actually sold more than 20,000 acres, and that in all more than 300 separate individuals have purchased farms of forty acres or more, of which number less than 5 per cent have lapsed in their payments.

There is a good reason why this land is being sold for such a small price. The Fort Smith Lumber Company, as its name indicates, is in the business of selling lumber—not land. We purchased this great tract many years ago for the timber on it. That having been cut away, we had no further use for the land. We knew that if it was settled upon and cultivated by thrifty, energetic men much value would be added to the adjoining land, which we own and off which we have not yet cut the timber. And for this same reason no land proposition could possibly be offered you wherein you would be so thoroughly assured of the lasting interest of the seller in your welfare.

### As to the Reliability of the Company

There need be no question in your mind as to the reliability of the company which sets these facts down. If you should care to investigate our standing write to any bank in Kansas City, Mo., or ask your own banker to investigate. We have no desire to make a large profit on the land—our plain purpose in making the price so low and the terms so liberal is to sell the land quickly and with as little trouble as possible. As an investment—a place to put your savings—our proposition offers unusual advantages. Owing to the constant increase in the demand for farm land and

the consequent decrease in the supply and owing to the proven fertility of this virgin soil, our property is bound to increase many times in value. By the time you pay for forty acres you will have a valuable farm as well as the means of an excellent income whenever you choose to work the land.

Fruit lands in Oregon and other states are bringing \$400 to \$2,500 per acre and yet in nearly all of these localities more money is being paid annually for irrigation privileges than the sum total of the cost of the land we are offering in Arkansas. And yet we challenge any expert fruit man to show why land in these other places is better adapted to growing fruit than our property. We have the advantage of a plentiful and certain rainfall; the advantage of a mild Southern climate which almost eliminates the danger of frost and makes smudging practically unnecessary at any time. Furthermore, there is the advantage of being able to conduct diversified farming, using part of the property for fruit, a part for the raising of other agricultural products and a part for dairy farming and chicken raising. There is no locality in the United States better adapted to these two latter pursuits than this section and remember there is practically no crop known to the American farmer that cannot be grown on this land. It is by no means exclusively a fruit section.

### Fruit Growing on Our Land This Year

As for the possibilities of fruit growing on this land, we are best able to indicate them by a reference to what was accomplished on our land and neighboring property this year. Up to the time of the writing of this advertisement more than 200 carloads of fruit had been shipped from Ola, Ark., a town situated in the center of our tract. Furthermore, a canning industry, recently started in the same town, has reported that already it has put up 20,000 cans of peaches besides selling 50,000 empty cans to fruit growers in the vicinity. All of this in spite of the fact that a very small portion of the available land around Ola has been put into fruit. When it becomes one of the big fruit centers of the state, as it inevitably will, it will annually be visited by the big

fruit buyers, which will mean the very best prices for the fruit growers.

Let us cite also an instance relative to a productive side line on this land. One of our settlers planted one-third acre of strawberry plants which brought him \$92.

Here is another important point: Last year when most sections of the country were being devastated by blighting drouths the Uplands were producing bumper crops. The government report on rainfall for this section last summer was: April, 6.64; May, 1.54; June, 1.33; July, 2.92. Total, 13.48 inches.

### Arkansas Land Increasing in Value

Then there is the investment advantage. Arkansas property is increasing in value at an amazing rate. A few

### Protection Against Forfeiture

Persons who contract to buy land from the Fort Smith Lumber Company are protected against forfeiture. Our contract specifically provides that when a purchaser through adverse circumstances or any other condition ceases the payments stipulated in his contract, the Company will give him the equivalent in land of the money he has already paid in.

years from now you will not be able to buy land anywhere in the state for the small price at which we are selling it. It is not too much to say that the value of this land will increase five to ten times in the next ten years. Arkansas is attracting attention all over the country.

Do not hesitate to write us about this matter. There are many facts that we are unable to give in this space. Ask any questions you desire; we will answer them frankly and honestly. We believe there is no place in the United States, price and other advantages considered, that offer as great opportunities. Send the coupon for our free booklet.

### Important Advantages

**SOIL**—Rich, deep, red loam, heavily impregnated with iron.

**RAINFALL**—Always plentiful; drouths unknown here.

**LOCATION**—Center of Arkansas, midway between Little Rock and Fort Smith. No part of the land is more than 2½ miles from the main line of the Rock Island railway.

**CLIMATE**—Average 85 degrees in summer and 40 in winter, always mild. Only 30 miles from Hot Springs, America's greatest health resort. Altitude, 1,100 feet—no fever, no mosquitoes, no more healthful climate anywhere.

### \$600 Buys 40 Acres

of land fully as fertile and productive as that in any farming district in the United States.

### \$15 an Acre \$7.86 Monthly

We require a cash deposit of \$3.00 per acre (payable in small monthly amounts, if preferable) before buyers are entitled to all of the benefits of our contract. After this amount has been paid the remainder can be completed in installments of \$7.86 monthly, which amount includes interest at 5 per cent and taxes.

PHIL R. TOLL

**Ft. Smith Lumber Company**

201 Midland Bldg.

Kansas City, Missouri

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### OUR BOOKLET GIVES ALL THE FACTS.

It is a conservative statement of what our land offers, and contains many illustrations taken on the property. Cut off the coupon and send it to us.

### Ft. Smith Lumber Company,

201 Midland Bldg., Kansas City, Mo.

Dear Sirs—Send me your free booklet on the Uplands.

Name .....

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## Big Crop Loss Sure to Come

A Reader's Comment on H. M. Cottrell's Warning

Mr. Editor—I want to commend the article by H. M. Cottrell in the Mail and Breeze of August 24 on "An Immense Crop Loss Near." The loss is actually on us in this locality, 8 miles northwest of Carlton, Dickinson county. Chinch bugs have cleaned up every piece of Kafir in this vicinity as well as several pieces of corn and have damaged all wheat, oats and corn. One of my neighbors had in more than 100 acres of Kafir and they have taken

ters under the wheat and the eggs hatch out the early spring crop of bugs.

More alfalfa for fertilizing the soil, rotating with corn or oats, and more livestock are the things that the soil needs.

I came from northern Illinois four years ago, where land rents for \$6 per acre cash, and no wheat at all is raised there. Corn, oats, clover and timothy are used in rotation, so the fertility of the soil is kept up and 60 to 80 bushels of grain per acre is almost sure every year.

Good rains through August are all that saved us any corn at all here. I feel that the situation is alarming, as no feed, such as thickly sown Kafir or sorghum will be raised here this year. Corn fodder will be poor and scarce. It certainly is time to make some change in methods of farming unless the bugs can be disposed of in some other way.

J. E. White.

Carlton, Kan.

### An Old Dairyman's Opinion.

At a recent meeting of the Shawnee County Alfalfa club, Peter Heil, the first dairyman in Shawnee county, spoke briefly on the chinch bug as a menace to the dairyman.

"We have been bothered by the pest for many years," he said. "I have seen the time when conditions were so bad that we were compelled to give up planting wheat and corn and other crops on which the chinch bugs thrive."

"There is only one way to kill them and that is by starvation. We found some years ago that the bugs will not eat alfalfa and clover and we substituted those crops for oats and wheat. The result was what we desired."

Several others took an informal part in the discussion.

### Cottrell's Chinch Bug Warning

(From Farmers Mail and Breeze of August 24.)

Apparently Kansas has forgotten the costly lesson learned 20 years ago. For a number of years, in central and eastern Kansas, we have been growing wheat and corn in increasing acreage side by side. The chinch bug has again reappeared in numbers and is multiplying at a rapid rate. By next year we may confidently expect half our crops to be destroyed by the chinch bug if we continue to be careless. And in two years more we may lose our entire crop.

The remedy now is to sow alfalfa instead of wheat. Handle more livestock. It is not too late to sow alfalfa in a well made seedbed. There is only one way to fight the oncoming scourge of chinch bugs. That is by wide-spread measures. Where corn is the principal crop abandon wheat raising. Where wheat is the principal crop let alfalfa take the place of corn. Starve the bugs.

every bit of it. I fear they will still do much damage to corn and some time ago came to the conclusion that wheat-farming ought to be abandoned for a time. The bugs have good winter quar-

## Parcels Post in January

Rates and Other Provisions of the New Law

The new parcels post law will go into effect January 1, 1913. It will permit mailing parcels of any weight up to 11 pounds at reduced rates. The charges will vary with the distance the package is to be carried. The weight limit under the present regulations is 4 pounds, except to foreign countries with which we have a parcels post connection.

In response to many inquiries for information, Senator Jonathan Bourne, Jr., chairman of the senate committee on postoffices and post roads, has prepared the following summary of the provisions of the new parcel post law for Mail and Breeze readers:

"Any article is mailable if not more than 11 pounds in weight nor more than 72 inches in length and girth combined, nor likely to injure the mails, postal equipment, or employees.

"There is a flat rate of 1 cent per ounce up to 4 ounces regardless of distance.

"Above 4 ounces, rates are by the pound or fraction thereof, and varying with distance as follows:

	Each First additional 11 pound.	Additional 11 pound.	11 pounds
Rural route and city delivery	.05	.01	.15
30-mile zone	.05	.03	.35
150-mile zone	.06	.04	.46
300-mile zone	.07	.05	.57
500-mile zone	.08	.06	.68
1000-mile zone	.09	.07	.79
1400-mile zone	.10	.09	1.00
1800-mile zone	.11	.10	1.11
Over 1,800 miles	.12	.12	1.32

"The postmaster general may make provision for indemnity, insurance, and collection on delivery, with additional charges for such service, and may, with the consent of the interstate commerce commission after investigation, modify rates, weights, and zone distances, when experience has demonstrated the need therefor."

The first zone includes the city and all rural routes out of such city, for which the rate will be 5 cents for the first pound or fraction of pound, 1 cent for each additional pound, or a maximum of 15 cents for an 11-pound package. The second zone includes approximately all territory lying within a 50-mile radius of any city, and so on as given in the table.

As compared with existing express

rates the parcels post will lessen the cost of transporting any mailable article within the weight limit. As compared with proposed express rates the parcels post rates will be much higher.

For instance, the parcels post rate from Topeka to Manhattan, Kan., will be 35 cents. The present express rate on the same package is 40 cents, but the new express rate proposed by the Interstate Commerce Commission will be about 20 cents.

### Small Farmers Money-Makers

SAYS I. L. DIESEM.

It is the opinion of I. L. Diesem, president of the Kansas state board of agriculture that the small farmers of Kansas are making more money and building better homes than are those who till big farms. "Too many farmers," says Mr. Diesem, "are trying to see how many acres they can farm instead of trying to see how much they can produce profitably per acre. The man who has nothing in cultivation but wheat, or corn, is confronted by failure on account of dry weather, or hail, or flood, but the man with a diversified farm can bank on a profitable yield of something. His crops come in at different times. The small farmer, in addition will grow garden stuff and fruit, milk from three to half a dozen cows, and keep a lot of chickens, the returns from which will support the family. The large grain grower often neglects these small items that are such heavy money getters in the long run."

### "Be Merciful to Your Beast."

Mr. Editor—One Sunday in passing by a country church, I saw about 35 horses tied to the high hitching rack with their heads reined up so they could not defend themselves from the flies. Drops of blood appeared on their backs from the bites of the big flies, and they were without shade. These horses had pulled the plow all week while their owners were occupying nice, comfortable seats in the church. It is written, "Be merciful to your beast." I stopped and unreined most of those horses.

Jacob Faith.  
Eldorado Springs, Mo.

## YOUR FALL PLOWING IS IT DONE!!!

IF NOT, buy a Hart-Parr Oil Tractor and get it done at once. It is the only way you can get your land all plowed before winter catches you. You know what happened last year. The wet weather delayed threshing and plowing, and that awful freeze early in November caught you with most of your land unplowed. Then you had to plow it this spring in a cold, wet, slow season. Your seeding and planting was held up until it was late, and much of it was poorly done. Consequently you are losing a wad of money. Money that would have been saved if you had bought a Hart-Parr Oil Tractor last fall. Probably enough lost to have paid for the tractor.

Don't get caught that way again! Protect yourself. Buy a

## Hart-Parr Oil Tractor

so one or two men can plow 20 to 30 acres a day. If necessary, run it day and night and plow 40 to 60 acres in a day. But, above all things, do it right now. Buy in time and save next year's crop. If you buy a Hart-Parr now and get all your land plowed this fall, you will deserve a big crop next year. And if you sow good seed next spring, and do it with that same engine, you will get that big crop. If you don't, you won't.

We have Tractors in stock at all our branches

Take the next train to our nearest Branch House. Give your order for immediate delivery. Then you can go back home and not have to worry about your plowing and next year's crop.

Run perfectly in the coldest weather

Hart-Parr Oil Tractors are One Man Outfits. Their fuel is the Cheapest Kerosene. Their Oil Cooler is Absolute Insurance Against Freeze Ups. They will work 24 hours in the day and seven days in the week.



**HART-PARR COMPANY**

234 Lawler St.  
Charles City, Ia.

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## Stannard's Processed Crude Oil Kills Lice and Cures Mange.

One application of my Processed Crude Oil will do more to rid your stock of lice and cure them of mange than three applications of any other preparation on the market. For the reason that it kills the nits as well as the lice, and remains on your stock for so long that it thoroughly cures them of mange. Put up only in 52 gallon barrels, and sold for \$5.00 per barrel. Why pay \$1.00 per gallon for a dip when you can get the best for less than 10c per gallon? My PURE CRUDE OIL is an excellent lubricant for all kinds of farm machinery and for painting farm tools to keep rust off. \$3.50 per barrel of fifty-two gallons. See my advertisement of reined oils at wholesale prices in next week's issue. Send cash with order. Address C. A. Stannard, Box M, Emporia, Kan.

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

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

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

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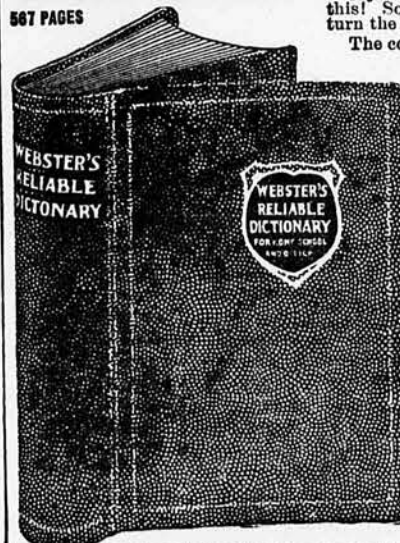
Dear Sir: I desire to accept your special offer and enclose herewith \$2.00, to pay for 3 years' subscription to Farmers Mail and Breeze, and you are to send me, prepaid, one leather-bound "Webster's Reliable Dictionary" as per your offer.

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high stock fence. 28 cts. a rod for a  
50-inch heavy poultry fence. Sold  
direct to the farmer on 30 Days  
Free Trial. Special barbed wire, 30  
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75 other styles of Hog,  
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Buy from factory direct  
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# Dairy Farming

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

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

Better times ahead for the dairyman  
—beginning with September.

For best results at churning time, do  
not fill the churn more than half full.

A close, musty cellar, even if cool, is  
not a good place to set the milk.

Uneven distribution of salt and the  
presence of buttermilk are responsible  
for streaky butter.

Cleanliness and prompt cooling are  
the best and only safe preservatives of  
sweet milk.

The dairyman who keeps a bunch of  
good shoats has the best market for his  
skimmilk.

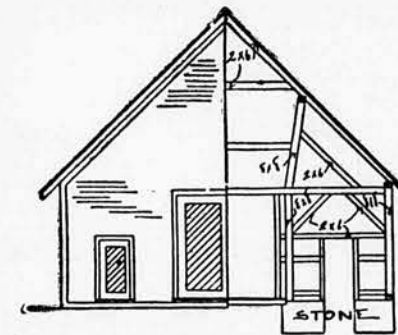
Six pounds of skimmilk to 2 pounds  
of cornmeal makes an economical feed-  
ing ratio for growing pigs.

A 100-pound shoat will make very  
satisfactory gains on two such feeds a  
day. Eight pounds of skimmilk make  
a gallon.

Four things are of prime importance  
in planning to build a cow stable—sun-  
light, pure air, tight dry floors, and the  
comfort of the animals.

## A Handy Barn For a Small Farm.

Mr. Editor—This barn should be  
built for \$450, especially where a man  
is so situated he can do most of the  
teaming at odd times. In size, it is  
34 by 38 feet, and the driveway during  
the greater part of the year makes a  
convenient storage for wagons and farm



END ELEVATION AND SECTION

Small combination barn for cows and horses, with shed in one corner. A  
handy arrangement on a small farm.

implements. As the distance is not too  
great to back out with an empty wa-  
gon, there are doors at only one end of  
the driveway. This should make the  
barn warmer in winter. A space is  
left over the driveway for putting hay  
up into the mow overhead. This mow  
is capable of holding 15 or 20 tons of  
hay.

**Ice for the Farm in Summer.**  
[Prize Letter.]

Mr. Editor—Here in this part of Kan-  
sas most farmers keep from six to 12  
cows and in order to handle their dairy  
products better, they have clubbed to-  
gether and are using ice. Special types  
of ice boxes are used which will keep  
200 pounds of ice a week. These clubs  
buy from 1,000 to 2,000 pounds of ice  
each per week and the members take  
turn about in hauling it out and dis-  
tributing it. In a club of 10 members  
each one will not have to make more  
than two trips a summer. The ice costs  
12 1/2 cents per 100 pounds in town.

Two sizes of ice boxes are used, one  
for indoors and the other for outdoor  
purposes. The latter is the larger and  
may be made of two heavy drygoods  
boxes. The larger of the two goods boxes  
should be about 5 feet long, 4 feet wide  
and 4 feet high. All dimensions of the in-

side box should be 8 inches less. Pack 4  
inches of sawdust on the floor of the  
larger box and set the small one in on  
this, leaving a 4-inch space between the  
two all around, then tamp this space  
full of sawdust. Have a tinner line the  
inside box with zinc or galvanized iron.  
Put in a water vent at the bottom of  
one side, leading through the packing  
to the outside. Make a double cover  
flush with outside box and raise with  
small rope and pulley if necessary. At  
one end of the box nail strips to sides  
and put in trays of light wood on which  
to place eatables, fruit, etc., to keep  
them off the ice. This leaves the other  
end free for the cream can. Such an  
ice box need not cost over \$3 and will  
have a capacity of 600 pounds of ice.

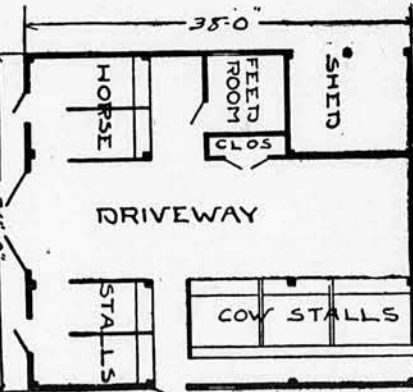
The smaller box is built the same  
way except that the outside is made of  
flooring 4 feet long, by 3 high by 2 1/2  
wide. Make inside of boxing 4 inches  
smaller all around than the outside box.  
Line the inside and put in vent and  
trays as in the case of the other box.  
Stain or paint the outside. One man  
used Kafir seed for packing and another  
put in sheets of building paper. The  
small box will keep ice longer and con-  
tents cooler than the larger one out-  
doors but either will keep 200 pounds of  
ice a week. The smaller box will cost  
about \$10 to make.

These ice boxes are real luxuries here  
in the country, besides being very use-  
ful. Ice cream and cold drinks are pos-  
sible at all times.

Mrs. Warren Hewitt.  
Route 7, Parsons, Kan.

## What May Be Done With Jerseys.

Mr. Editor—I noticed in the old re-  
liable Farmers Mail and Breeze of April  
27 that J. W. Cool has tried Jerseys  
but thinks the Brown Swiss will better  
fill the bill for both butter and beef  
since he can sell the 2-year-old steers at  
\$40 each. I have had experience with  
both grade and registered Jerseys and  
have sold half and three quarter Jer-  
sey steers at \$15 to \$18 each when 10  
months old, and they were sold to ex-  
perienced cattle feeders. Besides this their  
dams produced more than 6,000 pounds of  
4 1/2 to 5 per cent milk in 10 months.  
Among my registered cows I have one  
that dropped a fine heifer calf May 15,  
1911, and for the following 10 months



produced more than 9,000 pounds of  
milk or 490 pounds of butter. Then on  
April 8 this year she dropped a bull calf  
which is worth more than \$50 right  
now. This cow has a grand-daughter  
in the Linscott herd at Holton, Kan.,  
that is valued at \$250. These are just  
a few examples of what may be done  
with Jerseys by way of showing Mr.  
Cool and others prejudiced against this  
breed.

V. E. Swenson.  
Little River, Kan.

## SPECIAL SUBSCRIPTION BARGAIN.

The Farmers Mail and Breeze Until  
January 1, 1913, for Only 25 Cents.

This is a special subscription offer  
made to interest new readers in Farmers  
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stamps and get the big farm paper every  
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send in a list of four, with a remittance  
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subscription for your trouble. Send at  
once and get the full benefit of this  
special low offer.

A good plan, followed by many poul-  
trymen, is to mark the early moulters  
for breeding stock.

Warranted to Give Satisfaction.

# Gombault's Caustic Balsam



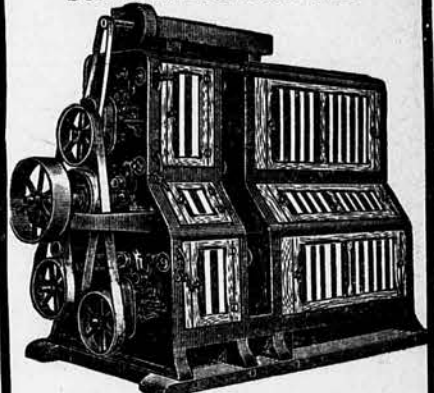
Has Imitators But No Competitors.

A Safe, Speedy and Positive Cure for  
Curb, Splint, Sweeney, Capped Hock,  
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Puffs, and all lameness from Spavin,  
Ringbone and other bony tumors.  
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As a Human Remedy for Rheumatism,  
Sprains, Sore Throat, etc., it is invaluable.  
Every bottle of Caustic Balsam sold is  
warranted to give satisfaction. Price \$1.50  
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press, charges paid, with full directions for  
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The Lawrence-Williams Co., Cleveland, O.

# The "Midget" Marvel Self-Contained Flour Mill



## A Revolutionary Roller Mill

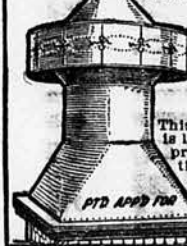
24 bbls. per day. No knowledge of  
milling necessary. Sold on trial. A pos-  
sible yearly income of \$3,000 to \$8,000  
is offered you for an investment of  
\$1,750. Reduced cost of operation the  
secret of its profit making. We are ex-  
hibiting a "Midget" Marvel in operation  
at the following STATE FAIRS:  
Topeka, Kan., Sept. 9 to 13.  
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Saves money by  
increasing health of stock, makes  
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Get the best—the

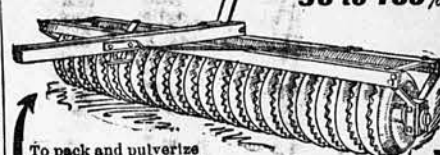


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## CROPS and FARM WORK

(Crop Reporting Service of Farmers Mail and Breeze.)

The month of August came to a close with the hottest and most disagreeable weather of the summer. Excessive heat and winds that bordered on the hot variety did more or less damage to corn and feed but this damage was small in comparison to what it would have been had the same conditions prevailed a few weeks earlier. Local showers covered part of the state the first of this week and with the lower temperature, the situation has been relieved somewhat.

There is a wide variation in the corn crop due to early and late planting and timely local showers but the average for the state will exceed the normal crop. The southern and southwestern parts of Kansas seem to be favored in the matter of a corn crop, just as in the case of alfalfa and wheat.

Fall plowing had to be stopped in many sections last week due to the soil becoming too dry and hard. Although rains had been abundant earlier in the month, it took but a few days for the high winds to take all the sap out of the ground. With favorable conditions for seedbed preparation the wheat acreage this fall promises to exceed the average.

The first report of new corn marketed comes from Grant county, Oklahoma. The price is 50 cents. Tillman and Lincoln counties in Oklahoma report first bales of cotton marketed on August 26, at 12 and 11 cents respectively.

### KANSAS.

**Woodson County**—Hot and dry again. Hoping for rain soon. Haying about over. Kafir doing fine but corn dying fast. There will be a half crop of corn but Kafir prospects fairly good.—E. F. Opperman, Aug. 30.

**Wyandotte County**—Corn has enough rain for every nubbin to make an ear and ears are outgrowing the shuck. Meadows and pasture good. Apple and pear crop good. Ground in fine condition for plowing for wheat. Potatoes extra good.—G. F. Espenlaub, Aug. 28.

**Greeley County**—Weather dry and have had some hot winds which will shorten feed crops. Most of corn past danger. Some feed being cut but most of it will stand two weeks longer. Lots of cattle buyers and cattle sell well.—E. L. Partington, Aug. 31.

**Franklin County**—Still plowing for wheat but ground is very dry. Large acreage of wheat will be sown. Threshing nearly finished. Corn doing well considering dry weather. Plenty of hay being put up. Butter fat 23 cents, eggs 20.—H. O. Cain, Aug. 31.

**Butler County**—Had about 4 1/2 inches of rain so far in August. Corn, Kafir and pasture growing fine. Wheat nearly all threshed and yield was good. Hay is light. Hogs are dying again with some kind of plague. Fat hogs very scarce and bring \$8. Old corn 70 cents.—M. A. Harper, Aug. 28.

**Mitchell County**—Weather dry and have of rain in August. All kinds of feed good. Headed wheat damaged some in stack. Threshing machines were idle for a month on account of rain but have started up again. Fall plowing well under way. Pastures green as in June.—J. H. DePoy, Aug. 30.

**Grant County**—Weather dry and hot but ideal for haying and broomcorn harvest which are in full blast. Broomcorn crop good and all crops better than usual. Increased acreage of wheat to be sown this fall. Plenty of melons. Eggs 12 cents, butter 20, butter fat 21.—J. L. Hipple, Aug. 30.

**Brown County**—Ground dry and plowing not finished yet. Corn prospects fair to good but need rain. Pastures poor and some springs are failing. Second and third alfalfa crops hardly worth cutting. Good crop of potatoes. Wheat 80 cents, corn 72, oats 30, cream 23, eggs 16, hay \$15.—A. C. Dannenberg, Aug. 31.

**Doniphan County**—Prospects for corn generally good. Large portion of acreage is late and an early frost would do great damage. Some parts of county have had plenty of rain while in other parts it is almost too dry to plow. About usual acreage of wheat will be sown. Some hog cholera in the county.—C. Culp, Jr., Aug. 31.

**Lyon County**—No rain from Aug. 20 to Sept. 1 and corn is dry enough to be shocked or put in silos. Dry weather and high winds for two weeks have made ground too dry to plow or disk. Thousands of bushels of apples have blown off trees and most of them will rot. There are no hogs to eat them. Pastures drying up fast.—E. R. Griffith, Sept. 1.

**Cheyenne County**—Harvesting finished and haying is the order of the day. So much rain delayed harvest but it made the corn hump. Corn will make biggest crop we have had in the county for years. Broomcorn making a fine growth and cutting will begin before long. Roughness doing fine. Butter fat 21 cents, butter 25, eggs 14.—Mrs. J. S. DeLong, Aug. 23.

**Trego County**—Plowing for wheat in progress but ground is getting dry. Also dry for corn and feed. Some corn hurt. Most of millet and hay in stack. Lots of horses sick and 75 per cent of those taking sick. Veterinarians don't understand the dis-

ease. Wheat 80 cents, oats 45, peaches \$1.75, apples \$1.20, eggs 12, butter 20.—E. L. Dean, Sept. 1.

**Ford County**—Weather fine for threshing which is not half done yet. Farmers busy getting ground ready for wheat. Corn past roasting ear stage but a few fields need another rain to make a crop. All feed crops good. Strange disease killing horses in parts of county.—John Zurbuchen, Aug. 31.

**Stafford County**—Very dry. Corn fairly well matured but will be cut short by dry weather. Farmers preparing wheat ground. About the usual acreage will be sown. Threshing about done, almost every one pleased with yield of wheat. Some sickness reported among hogs. Hogs are scarce.—S. H. Newell, Aug. 29.

**Summer County**—Plenty of moisture. Corn fine and the largest crop in years. Kafir splendid and nearly all headed out. Oats yielding from 35 to 50 bushels. Cowpeas will make full crop and about ready to harvest. Fruit plentiful, in fact prosperity is among us and old Summer county will again take her place in the front.—H. C. Moore, Aug. 28.

**Harvey County**—Weather warm but plenty of moisture. Big rain August 20 with heavy wind. Fruit blown off and many trees broken down. Corn badly twisted and stacks torn up and wet which makes tough threshing. Livestock doing well. Wheat, 78 cents, oats 28 to 40, peaches \$1, apples—any old price—butter 25, eggs 15 to 17, potatoes \$1.—H. W. Prouty, Aug. 27.

### OKLAHOMA.

**Payne County**—No rain to speak of for a month. Corn will average about 15 bushels. Chinch bugs killing late Kafir. Some hay to put up yet. Beef stock selling at \$5 to \$5.50.—A. M. Leith, Aug. 31.

**Woodward County**—Threshing about over. Wheat averaged about 13 bushels. Some hot winds and ground is dry. Kafir and milo doing well but a good rain is needed. Hogs scarce.—Geo. L. Boswell, Jr., Aug. 31.

**Canadian County**—Weather dry and windy. Too dry to plow. Grasshoppers are eating up young alfalfa. Wheat 86 cents, oats 30, potatoes \$1.20, apples 40, peaches 25 to 50, hogs \$9.—H. J. Earl, Aug. 31.

**Texas County**—Fine weather for threshing and broomcorn gathering. Large acreage of wheat land prepared. Feed looks excellent. Shortage of cars makes it hard for farmers to market grain and some wheat is being dumped on ground. Wheat 76 cents.—Frank Free, Aug. 31.

**Lincoln County**—Weather hot and dry and cotton is injured on hard land. First bale marketed Aug. 26 at 11 cents. Web worms caused alfalfa to be cut before it was ready. Apples baking on trees. Pastures drying up but will have plenty of feed.—J. B. Pomeroy, Aug. 31.

**Grant County**—Weather dry and windy. Kafir doing poorly on hard land with chinch bugs and hoppers sapping stalks and eating grain. Some still plowing for wheat but most ground broken. Stack threshing about over. Wheat 80 cents, new corn 50.—A. C. Craighead, Aug. 31.

**Kay County**—No rain for four weeks and corn and Kafir are burning badly. Corn will be poor on upland. Pastures burned up and stock being starved. Stack threshing finished. Oats yielded well, wheat poorly. Hogs and cattle scarce and high.—Sherman Jacobs, Aug. 31.

**Garfield County**—Had one good rain in August but getting dry now. Good half of fall plowing done. Corn crop cut in two by dry weather. Kafir and hay good. Cotton poor. Plenty of fruit. Many sales with cattle and hogs selling high. Horses and mules bringing good prices.—H. C. Waggoner, Aug. 29.

## Don't Let Cholera Kill Your Hogs!



Your veterinarian can prevent it by immunizing. Even after hog cholera does appear he can control the outbreak by using **Mulford Hog Cholera Serum**

The cost of serum to immunize before cholera appears is small. It costs more after cholera breaks out.

Consult your Veterinarian in all cases.

Our facilities are unsurpassed. Every step of the process is under the personal direction of experts. Mulford Hog Cholera Serum is of standardized strength and is tested as carefully as though it were to be used for the treatment of human beings.

Send for Valuable Free Booklet Gives methods for preventing and controlling hog cholera and useful information on Black Leg and Anthrax Vaccines, Tuberculosis, Antitoxin for Lockjaw, etc. Send now before disease attacks your herds.

**H. K. MULFORD COMPANY, Philadelphia**  
New York St. Louis Minneapolis San Francisco Chicago Atlanta Kansas City Seattle New Orleans

### Other Mulford Products

Black Leg and Anthrax Vaccines, Malignant Antitoxin for Lockjaw and tested Tuberculin.

## My Chatham Mill

Grain Grader and Cleaner

Loaned free for 30 days—no money down—freight prepaid—cash or credit. It grades, cleans and separates wheat, oats, corn, barley, flax, clover, timothy, etc. Takes cockle, wild oats, tame oats, smut, etc., from seed wheat; any mixture from flax. Sorts corn for drop planter. Rids clover of buckhorn. Takes out all dust, dirt, chaff and noxious weeds from timothy. Removes soil weed seed and all the damaged, shrunken, cracked or feeble kernels from any grain. Handles up to 80 bushels per hour. Gas power or hand power. Easiest running mill on earth. Over 250,000 in use in U. S. and Canada. Postal brings low-price—buy-on-time proposition and latest Catalog. I will loan 500 machines. "First come, first served." Write today if you want to be one of the lucky 500. Ask for Booklet 47.

**THE MANSON CAMPBELL COMPANY, Detroit, Kansas City, Minneapolis**

Cash or On Time

## 150 INDIANA SILOS PER DAY

That's our capacity since our new factory started, and we have the material to keep going till the last hill of corn is cut. Don't you think your order would be safe with us? Delivery is going to be a mighty big factor this fall, and

## An Indiana Silo

is the only one you are sure of getting on the dot.

IT'S A SURE THING


you'll need one to save your late and immature corn this fall. Write for catalog and story of "The Crops That Failed."

**INDIANA SILO COMPANY,**

The largest makers of Silos in the world.

Address { 379 Union Building, . . . . Anderson, Indiana  
Nearest " Indiana Building, . . . . Des Moines, Iowa  
Factory " Silo Building, . . . . Kansas City, Missouri

## "Pittsburgh Perfect" Fence



Special Open Hearth wire containing throughout its texture a newly discovered ingredient that successfully resists the destructive influences of corrosion—that is the kind of wire now being used exclusively in the present-day "Pittsburgh Perfect" Fencing.

The surface of the wire is also heavily coated with pure zinc galvanizing, making a fence far superior to any other in durability—the most important feature to economical fence buying.

"Pittsburgh Perfect" is the only fencing manufactured of wire made by this new (secret) process, and not a cent is added to its cost to you. Stay and strand wires,

**Welded by Electricity**


at every contact point, forms a one-piece fabric of unequalled strength, conforming perfectly to uneven ground without loss of full efficiency.


**Every Rod Guaranteed Perfect**

SEE YOUR DEALER—or write for catalogue fully illustrating and describing "Pittsburgh Perfect" Fences for every FIELD, FARM, RANCH, LAWN, CHICKEN, POULTRY and RABBIT YARD and GARDEN.

**PITTSBURGH STEEL CO.**  
PITTSBURGH, PA.

Makers of "Pittsburgh Perfect" Brands of Barbed Wire; Bright, Annealed and Galvanized Wire; Hard Spring Coil Wire; Twisted Cable Wire; Fence Staples; Poultry Netting Staples; Standard Wire Nails; Galvanized Wire Nails; Large Head Roofing Nails; "Pittsburgh Perfect" Fencing.







**Complete Comfort**

For your stock means increased profits for yourself. The ideal material for both temporary and permanent building construction is

**Apollo Galvanized Roofing and Siding**

Reasonable in cost, high in quality, strong and lasting—and sold by weight. Our book "Better Buildings" gives full information, and is valuable to you. Write for a copy to-day—it is sent free.

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GENERAL OFFICES: PITTSBURGH, PA.

**Auto-Fedan Pony Press**

Two Stroke ALL STEEL

Weight only 2200 pounds, 7 in. stepover. Power leverage 1-15. Ask for catalog No. 14. The Auto-Fedan Hay Press Co., 1514 W. 12th St., K.C., Mo. Consign Us Your Hay.

**Turkey Red Winter Wheat**

Do you know that during the past five years the Iowa farmers had a greater income per acre from Winter Wheat than from their Corn Crop?

Do you know that during that same period the Iowa Experiment Station tested different varieties of Winter Wheat and found Turkey Red the heaviest yielder and therefore the best. Remember we have but one quality—the best.

We positively guarantee that you will be pleased with our Special Selected Turkey Red Winter Wheat Seed. Sample and price cheerfully sent upon application. Write us today.

GALLOWAY BROTHERS-BOWMAN COMPANY  
2025P Galloway Station Waterloo, Iowa

**New Crop Alfalfa.**

Write today for samples and prices of high grade strictly new crop KANSAS GROWN ALFALFA. Also Timothy, Blue Grass Seed, Wheat and Rye.

MISSOURI SEED CO.,  
1410 Liberty St., Kansas City, Mo.

**TREES**

For Fall planting. All kinds, AT WHOLESALE PRICES. Save agent's commission of 40 per cent by ordering direct. PREMIUM WITH EACH ORDER free of 1 to 4 trees, roses, shrubs or other stock. STOCK GUARANTEED first class. CERTIFICATE of Inspection Furnished. Free Fruit Book and Price List. Address Box B.

WICHITA NURSERY, WICHITA, KANSAS.

**SEEDS**

Seasonable seeds—Southern Winter Rye and Barley, Texas Red Oats, Alfalfa, Mediterranean Wheat, Rescue Grass, Winter Vetches, Rape, Burr Clover, Fresh Turnip and other garden seed. Write

David Hardie Seed Co., Dallas, Texas

**T. Lee Adams' Seeds**

ALFALFA, TIMOTHY, BLUE GRASS, CLOVER, RYE, ONION SETS.

All new, carefully selected and tested. Insures larger and better crops. T. Lee Adams Seed Co., Dept. A, 417 Walnut St., Kansas City, Missouri.

**WANTED—CLUB RAISERS**

Special presidential campaign offer. Greatest special offer ever made. Good wages. Mail application at once to Circulation Manager, Copper Publications.

**FREE**

We will send you this beautiful Gold Plated Ring absolutely Free if you will send us the names of five of your neighbors and 10c to pay postage, etc. ELKINS MFG. CO., Kansas City, Mo.

**SUNSHINE LAMP FREE**

to try in your home 15 days. Incandescent 300 Candle Power. Gives better light than gas, electricity, acetylene or 15 ordinary lamps at one-tenth the cost. For homes, stores, halls and churches. Burns common gasoline. Absolutely safe. COSTS 1 CENT PER NIGHT. Guaranteed 5 years. No wick. No chimney. No mantle trouble. No dirt. No smoke. No odor. A perfect light for every purpose. Take advantage of our 15 day FREE TRIAL FACTORY PRICE offer. Write today.

Sunshine Lamp Co., 178 Factory Bldg., Kansas City, Mo.

### A Farm Congress For Kansas AND A SUGGESTION.

Edwin Taylor, president of the Kansas Agricultural and Industrial congress, and W. Y. Morgan, secretary, have issued a call for a big meeting to be held in Hutchinson, November 19-20. The congress will discuss plans for improving the crop yields in Kansas, conservation of natural resources and irrigation. There are to be 3,697 delegates in the convention, distributed as follows:

One delegate from every township, selected by the township board.  
One delegate from every county selected by the county board.  
One delegate from every grange in the state.  
One delegate from every farmers' institute.  
One delegate from every farmers' union.  
One delegate from every commercial club.  
Ten delegates from the State Bankers' association.  
One delegate from every Anti-Horse Thief association.  
Ten delegates from the State Live Stock Breeders' association.  
Ten delegates from the State Board of Agriculture.  
One delegate from every fair association.  
Ten delegates from the State Society of Building and Loan associations.  
Ten delegates from the State Real Estate Dealers' association.  
Ten delegates from the State Retail Dealers' association.  
Ten delegates from the State Development association.  
Ten delegates from the State Wholesale Dealers' association.  
Ten delegates from the State Millers' association.  
Ten delegates from the State Agricultural College.  
Ten delegates from the State University.  
Ten delegates from the normal schools at Hays City, Emporia and Pittsburg.  
Ten delegates from the State Labor association.  
Ten delegates from the State Miners' association.  
Ten delegates from the State Historical society.  
Ten delegates from the railroad operating the state.  
Ten delegates from every district federation of women's clubs.

In a meeting of this widespread character, such a live subject as co-operation by farmers should not be overlooked. It is the most important object on the agricultural horizon today. By developing co-operation and the co-operative spirit among the producers of Kansas more can be accomplished than in any other way. In fact it is the key which will unlock all other difficulties and soonest bring about the benefits for which this congress has been called. Farmers Mail and Breeze offers this as a suggestion.

### Good Farming As a Time Saver SOMETHING TO THINK ABOUT.

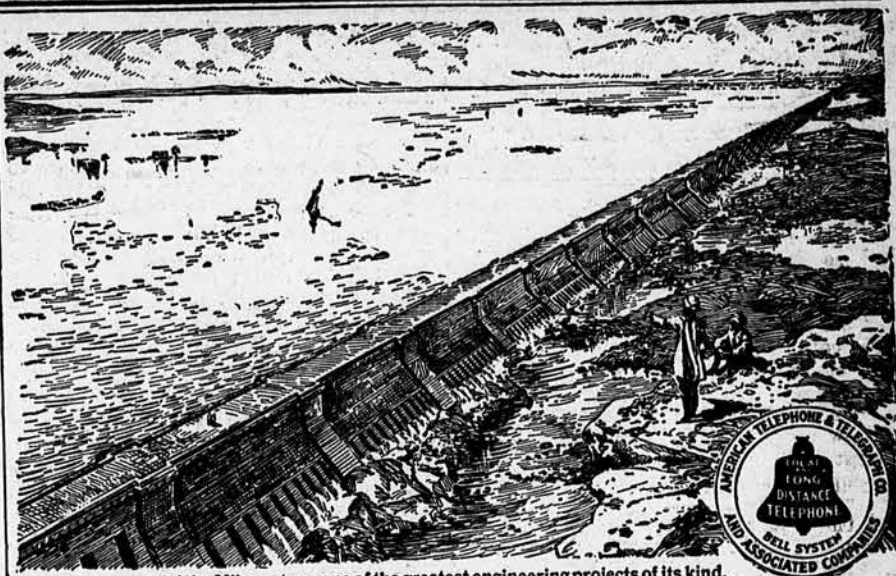
The aim of advocates urging better methods of cultivation is often misunderstood. It is not so much an increased production in respect to total volume, but an increased production in respect to amount of labor. As the Texas Farm Co-operation puts it, if the man who raises 10 bales of cotton annually, and has time for nothing else, can still raise 10 bales by better cultural methods and more fertilizer with less work and more time for other things, is he not receiving a greater price for his labor? Better methods of cultivation take the place of another team in the field, another row to the cultivator, and extra hands at picking time. The man who thinks that the advocate of better methods of cultivation means only that he shall raise twice as much stuff and get less money for it, has an incorrect point of view.

### Kansas at Irrigation Congress

Kansas will have an important part in the proceedings of the Twentieth national Irrigation congress which is to meet at Salt Lake City, September 30. R. H. Faxon, Garden City, is state representative for Kansas to congress and also a member of the executive committee. J. B. Case, of Abilene, is second vice-president of the congress and among the delegates appointed for Kansas who have already qualified are N. J. Thorstenberg, Lindsborg; Edgar Roberts, Garden City; George T. Fielding, Manhattan; Charles I. Zirkle, Garden City; O. S. Barner, Manhattan; O. W. Compton, Independence; and George Stump, Independence.

### Fatal Results.

Mrs. Jones—My dear, dead husband never complained of my cooking.  
Mr. Jones (her second venture)—Perhaps that's why he's your dear dead husband.



Assuan Dam, part of the Nile system, one of the greatest engineering projects of its kind.

## The Nile System—The Bell System

For thousands of years Egypt wrestled with the problem of making the Nile a dependable source of material prosperity

But only in the last decade was the Nile's flood stored up and a reservoir established from which all the people of the Nile region may draw the life-giving water all the time.

Primitive makeshifts have been superseded by intelligent engineering methods. Success has been the result of a comprehensive plan and a definite policy, dealing with the problem as a whole and adapting the Nile to the needs of all the people.

To provide efficient telephone service in this country, the same fundamental principle has to be recognized. The entire country must be considered within the scope of one system, intelligently guided by one policy.

It is the aim of the Bell System to afford universal service in the interest of all the people and amply sufficient for their business and social needs.

Because they are connected and working together, each of the 7,000,000 telephones in the Bell System is an integral part of the service which provides the most efficient means of instantaneous communication.

AMERICAN TELEPHONE AND TELEGRAPH COMPANY  
AND ASSOCIATED COMPANIES  
One Policy One System Universal Service

**GALVANIZED Steel Roofing**

Fire, Water & Lightning Proof

### Never Before and Never Again A Roofing Offer Like This!

We have only a limited amount of this Corrugated Iron Roofing at this price. It is brand new, perfect, first-class in every respect, but light weight. We bought it at a forced sale and must sell it quick. Sheets 22x24x1 1/4 inch corrugation. Our wrecking price is only \$1.25 per square, delivered F. O. B. Cars Chicago. On this item specify Lot No. A. D. 700. We cannot pay freight at this unheard of price. This is not galvanized, but black Steel Roofing. Write for our special

### Freight Prepaid Prices on Galvanized Roofing.

The lowest prices ever offered in the history of Roofing Materials. We must move our surplus stock on all of our roofing materials. We have absolutely "smashed" prices on every kind of roofing material. This is your opportunity to buy what you need at a tremendous saving. We intend to maintain our leadership as the largest "direct to consumer" Roofing Material Concern on earth and we defy any competitor to meet our prices.

**We Will Save You Money** on any and every kind of roofing, siding or ceiling. If you are thinking of re-roofing your house, barn, granaries, poultry houses, etc., write us and we will give you the benefit of our years of experience and our best advice as to the kind and quality you should buy. We have full stocks of Plain Flat, Corrugated, Standing Seam and "V" Crimped sheets, suitable for all covering purposes—Roofing, Siding, Ceiling, Lining, etc. Metal Roofings are best and cheapest in the long run, easiest to lay, longest life, non-absorbent; fire, water and lightning proof; cooler in Summer, warmer in Winter; do not taint rain water; with ordinary care will last a lifetime. The unequalled buying power, made possible by our perfect buying organization and our \$2,000,000 Capital Stock—makes it possible for us to pick up these "snaps" and pass them along to you.

**GREAT ROOFING BOOK FREE**

Chicago House Wrecking Company  
Dept. K-57, Chicago  
Send me, free, your Roofing Catalog.

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### Write Today for Free Samples

Tell us kind of building and size, also ask for our special low freight paid prices and clear, easily understood roofing proposition, including our BINDING GUARANTEE which, for twenty years, has protected every purchaser. Your money back if any goods fail to meet our representation. Don't fail to send coupon for Great Free Roofing Book.

**Chicago House Wrecking Co.**  
Dept. K-57, Chicago





## Poultry Keeping

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

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

Skim milk to wet the fattening mash is far better than water.

Paint the insides of nest boxes with kerosene for the benefit of lice and mites.

Wet mashers are risky feeds during hot weather unless made fresh for each meal.

Hens that moult late seldom lay until late the following winter. Help 'em along.

The culling season never ends but it is time now to do a little special work along that line.

If the house is a fit place for them, it is well to teach young stock to roost in lofts, early.

Sulphur, lard and a little coal oil mixed applied to scabby legs will be found an effective cure.

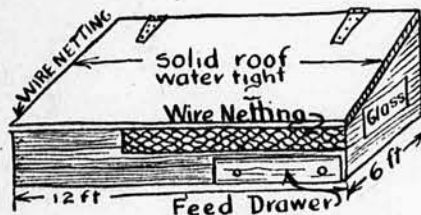
Removing the cause of disease is more satisfactory and cheaper than doctoring the chicken afterward.

Apoplexy, brought on by too much fattening food, is one cause of sudden death in the flock during hot weather.

If you have what you think is a handy and all around satisfactory poultry house, won't you send us a rough draft and description of it? Picture, too, if you have one.

### Coop For Market Feeding. [Prize Letter.]

Mr. Editor—I am having great success in fattening my overstock of chick cockerels for hotel and restaurant trade. My feeding coop shown in the drawing has a solid floor of matched boards, covered with an inch of road grit. The top is covered with poultry netting over which a solid roof is hinged which may



EXTERIOR OF FEEDING COOP.

be raised on warm days. The front and west end are covered with wire netting. The roosts are in the west end of the coop. The feed drawer is covered with 2-inch mesh wire netting and one feeding a week will do. I feed the following mixture for fattening: 1 quart each, alfalfa meal, corn chop and bran, and 1 pint meat scraps. This way of feeding saves both time and feed and I now make money where I lost money before with ordinary care. Besides my own stock, I buy chicks of the quick growing breeds to fatten.

Mrs. Almo.  
Roswell, N. Mex.

### Let the Butcher Have the Eggs.

Mr. Editor—If we can't take the egg business from the merchant, the produce man, the cold storage man and the commission man we will never get reform in the egg business and our city folks will not get fresh eggs. The farmer will not go to the trouble of gathering eggs two or three times a day for 7 cents a dozen, then see the eggs put into cold storage. By the time the eggs get to the cold storage men 10 to 20 per cent of them have been candled out. The cold storage men do not stand this loss, neither does the merchant. They simply pay less for the eggs and keep paying less. The farmer can't keep the eggs, they must be sold.

Let the meat merchants have the egg business. That is where it belongs for they have their own ice and coolers where the eggs may be kept fresh. They could send the eggs direct to the city markets and it would not be long before our city friends would find out where to get eggs that are wholesome, and that do not have several profits tacked on. The farmers would not have to suffer the squeeze of several candlings after the eggs left his hands fresh nor would he need to see several middlemen get most of his profits.

F. Schneider.  
Sylvan Grove, Kan.

### How a Hurried Moults Pays.

Every poultryman who is after eggs in winter, and most of us are, wants his hens to moult early and get a new crop of feathers before cold weather begins. In short, the best method yet found to bring this about is to withhold part of the feed for about two weeks, which stops egg production and reduces the weight of the fowls. Then feed heavily on a ration that will form feathers and build up the system generally. This ration should be nitrogenous. A little linseed meal is good and animal food should be fed in considerable quantities. This method has been tested at the West Virginia station and birds so treated moulted more uniformly and rapidly, and went into winter in better condition than those that had been fed a continuous egg producing ration.

### A BIG-VALUE BOOK OFFER TO MAIL AND BREEZE READERS.

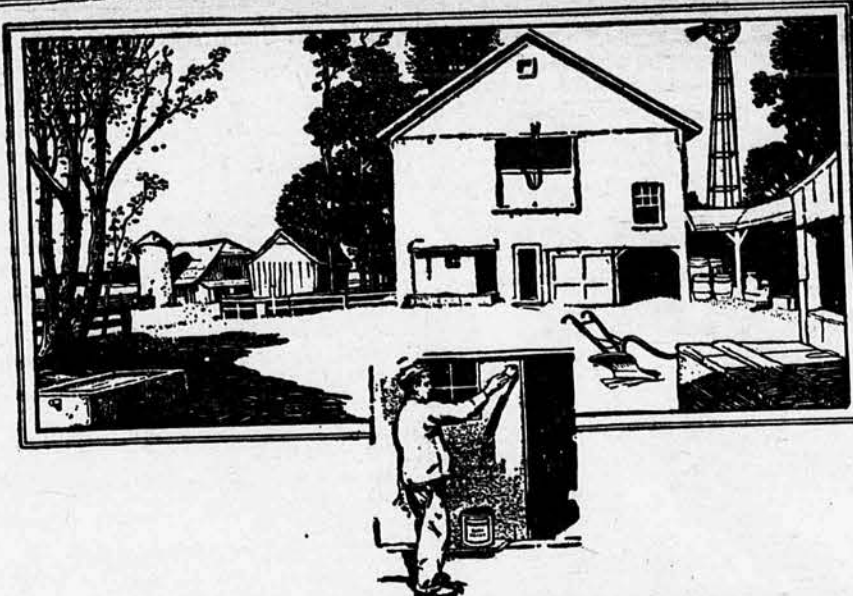
"Kansas in the Sixties," by Ex-Governor Samuel J. Crawford.

The story of "Kansas in the Sixties" as told by Samuel J. Crawford, famous as the "War Governor of Kansas," is by far the most interesting historical work ever produced in Kansas. The book is having a large sale all over the country and it deserves a prominent place in the library of every Kansan. It contains something of vital interest to every citizen of the state. Governor Crawford writes in a style peculiarly his own and there is not an uninteresting paragraph in the whole 400 pages of this great Kansas book.

"Kansas in the Sixties" is substantially and handsomely bound in cloth, indexed, and sells for \$2.00 in all the book stores.

We have secured a quantity of these books for distribution among Mail and Breeze readers on this very liberal offer:

Farmers Mail and Breeze one whole year and "Kansas in the Sixties," sent prepaid for only \$2.00—regular price, \$3.00. Send in your subscription or renewal while this offer is still available. Address Mail and Breeze, Topeka, Kan.



## Paint and protect your barns with Sherwin-Williams Commonwealth Barn Red

Do it now, before winter sets in, for there is no better investment than a good protective paint that will keep your farm buildings dry and sound through the cold, stormy months.

Sherwin-Williams Commonwealth Barn Red has a remarkable covering capacity and spreads well under the brush. It is a clear, handsome red that retains its freshness much longer than ordinary paints. And it is merely one of the many Sherwin-

Williams Finishes that will add to the life and looks of your buildings and your home—inside and out. You can buy them everywhere. Write for our booklet,

### "Paints and Varnishes for the Farm"

It is free—and it will give you a good many valuable ideas and suggestions about what paint can save for you in dollars and cents.

## SHERWIN-WILLIAMS PAINTS & VARNISHES

Best dealers everywhere. Address all inquiries to The Sherwin-Williams Co., 686 Canal Rd., Cleveland, O.

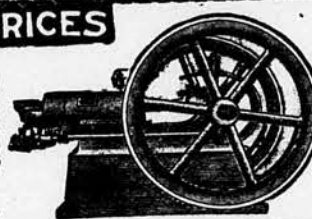
## ALFALFA SEED

FOR FALL SOWING. From locality where it grows best and most abundantly. Our seed won the gold medal at the St. Louis World's Fair in competition with the world. All our seed is native grown, plump and vigorous. Write us today for prices and free samples. Address McBETH & DALLAS, Garden City, Kansas.

## BETTER ENGINES-LOWER PRICES

(The days of big profits are past) Our big new modern factory is turning out the Best Engine money can buy, guaranteed 5 years, with every advantage at big reduction in prices, no risk, guarantee fulfilled or money refunded. Use distillate, gasoline and many other fuels. All sizes. 11-2 to 40 H.P., any style. Write quick for free catalog and new special prices, stating size wanted.

WITTE IRON WORKS CO.  
1618 Oakland Avenue, KANSAS CITY, MO.



## Throw That Scoop Away!

Shoveling Corn is Making You Old  
Before Your Time, Neighbor!



## SANDWICH FARM ELEVATOR

Keeps men young—moves the dead line 20 years off!

Any elevator is better than the back-breaking drudgery of cribbing corn with a scoop, but the Sandwich is the best of all elevators; its cypress body outlasts steel! This is the verdict of the farmer jury, this the result of actual tests on farms all over the country.

### Yes, It Pays Its Way

The Sandwich costs but little and earns a lot. "Had my corn picked 1c a bushel less on account of having my elevator," says Juror C. H. Keller, of Marshall, Minn. It solves the hired man problem; stores any kind of grain (buckwheat, split), adds 3c to 4c a bushel to the earnings of the field.

### Meets Any Cribbing Condition

"My Sandwich Farm Elevator is the best investment I ever made in hard labor-saving machinery," says Juror Herman Frey, of Melvin, Ia. "Puts 40 bu. of corn in place in the crib in just 2 1/2 minutes by my watch." Comes any way you want, with roof extension, swivel spout or overhead roof conveyor.

### No Horse-Laming Platform

You drive right under the Sandwich over-head wagon-jack. It's high enough for extra side boards and all. It dumps your load in the Sandwich hopper in a jiffy. Just hook on your horses or engine and it's ready to crib. The new body grate (closed tight when storing small grain) screens out shelled corn and silk and prevents rotting in the crib.

### Where You Can See the Sandwich

Just write today. We'll give you the name of a dealer close by and send you our brand new elevator book to boot. It gives the measurements and capacities of cribs and granaries—shows photographs of the Sandwich at work. It's our treat. Write right now.

Makers of everlasting Sandwich Hay Presses, Corn Shellers, Loaders and Rakes, Feed Mills and Gasoline Engines.

Sandwich Manufacturing Co., 620 Main St., Sandwich, Ill.



**Reliable Poultry Breeders****PLYMOUTH ROCKS.**

**BIG TYPE BARRED ROCKS**—Barred to the skin. Breeding pens, and spring hatch for sale at half price now. A. H. Duff, Larned, Kan.

**BUFF ROCK** cockerels and pullets for sale. Promising youngsters weighing from two to three pounds. Write me today about them. William A. Hess, Humboldt, Kan.

**AM OFFERING** my surplus of early hatched Barred Rock pullets and cockerels from my pen matings at \$1.00 each; will not ship less than 5 on single order. Order from this for quick shipment. M. L. Meek, Ellsworth, Kan.

**WYANDOTTES.**

**WHITE WYANDOTTE** hens 75c each. Mrs. M. E. Johnson, Humboldt, Kan., R. 2.

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

**SEVERAL VARIETIES.**

**PIGEONS**—White Plymouth Rock Homers. Maym Parsons, 219 Huntoon St., Topeka, Kan.

**SEPTEMBER** hatched Anconas gives early spring layers. 30 eggs \$1.50. Lucile House, Haven, Kan.

**GUARANTEED** thoroughbred S. C. W. Leghorns, S. C. White and Buff Orpingtons. Write J. A. Blunn, Wichita, Kan., Sta. A.

**KELLERSTRASS** White Orpingtons ready for shipment. Prize winning parentage. Ask for prices. A. B. Collins, Yates Center, Kan.

**WANTED**—Broilers, 16c; fliers, 14c; hens, 10c; spring ducks, 12c delivered. Coops loaned free. Eggs, fresh, 20c. Cope's Sales System, Topeka, Kan.

**DARK CORNISH FOWL** (Indian Games). Forty pullets, forty cockerels, three cocks, thirty hens, for sale. Some two pound youngsters cheap. Write for bargain list. Must have room. J. P. Bridges, Douglass, Kan.

**BRED FOR EGGS AND MEAT**—Bellevue strain of White and Columbian Wyandottes, S. C. White Leghorns, and Light Brahmas. Stock for sale. Over 30 years in business. Michael K. Boyer, Box T, Hammonton, Atlantic county, New Jersey.

**FLOWER POST CARDS** FREE—Five of all different, beautiful rich colored Forget-me-nots, Violets, Roses, Pansies, etc. Send 2c stamp for postage. W. H. Gates, 303 Jackson St., Topeka, Kan.

# FREE

## This Famous Sewing Awl



You can sew old or new harness, saddles, canvas, tents, rugs, carpets, quilts, shoes, grain bags and many other things. You can use any kind of thread in the Myers Awl, and it makes a lock stitch same as a sewing machine. It is very simple; a woman can use it as well as a man. It is one of the most practical devices ever invented. They are put up with two needles; one is straight and one curved, with a small screw driver and wrench combined. Also a reel of waxed thread with each awl ready for use. The cut does not show full size. With needle the awl is 6 1/2 in. long. It is the Myers Famous Lock Stitch Sewing Awl. It is the only Sewing Awl made with a groove running the full length of the needle, so as not to cut the thread when sewing, and has what is known as a diamond point. Every teamster and farmer should own a Myers Lock Stitch Sewing Awl, as there is use for one in almost every household. The Myers Awl is nicely finished, the metal parts are nickel plated, the needles and wrench are kept in the hollow handle which has a screw top.

Anyone who will send \$1.25 to pay for a one-year's subscription to our big farm paper can select one of Myers' Lock Stitch Sewing Awls, which we will send by mail, postage paid, as a free premium. Use Coupon below.

**MAIL AND BREEZE**

is the biggest and best farm journal in the West with over 100,000 readers. Established in 1873. Price, 1 yr., \$1.00. The best edited farm journal in America.

Pub. Mail and Breeze, Topeka, Kan.

Dear Sirs:—Enclosed please find \$1.25. Send me your paper regularly for 1 year, and one of the famous Lock Stitch Sewing Awls free and prepaid.

Name .....

P. O. ....

County..... State..... R.R.No....

**Summer in the Poultry Yard**

BY WILLIAM A. HESS.

[Written for Farmers Mail and Breeze.]

It has been a good many years since broilers remained high in price so late in the season.

These are the days when the cheapest article you have should be supplied plentifully to your poultry—water.

A mash composed of oil meal, wheat middlings, cornmeal and beef scrap, moistened with sour milk, will not only be relished but eaten with benefit these hot days, be the poultry young or old birds.

Moulting season is the time your stock requires more care than at any other time of year as they have not only been weakened by the long breeding season but the growing of new feathers requires much extra food.

To get winter eggs in abundance, the stock should have the right care now so as to get through the moult in good thrifty condition and be ready when cold weather comes to convert the extra feed into eggs instead of feathers, and fat to withstand the winter's rigors.

With fat cattle bringing highest prices known and hogs following close behind, it is a certainty that poultry will bring good prices for some time to come. Likewise this winter will find eggs high, not only on account of high prices in meat products but also because they entered cold storage almost 50 per cent higher than last season.

If you are thinking of adding new blood to mate the coming season, you can obtain it more easily and at lower prices now than at any time later. Why not select for your needs now some reliable breeder and get his prices on young stock from 2 to 3 pounds in weight and raise them with your others? Then select the best ones from them for your breeders.

Mr. Poultryman, do you realize that during the hot month of August, many of the best poultrymen of the country were assembled in Nashville, Tenn., providing ways and means of enhancing the interests of the poultry industry of this country? Do you realize that in the many offices of the country many workers are engaged on poultry papers, getting together material for your benefit? Why not encourage both? Your support is needed. Humboldt, Kan.

**Missouri Will Have a Big Show.**

Secretary T. E. Quisenberry, of the Missouri State Poultry Show, writes to Farmers Mail and Breeze from Mountain Grove, Mo., to say that the Missouri State Show to be held this year at Springfield, Mo., December 10-14, is to be as big an affair as any previous exhibition Missouri has ever had. Some of the largest shows ever held have been the Missouri poultry shows. Prizes for pens will be \$10 for first, \$5 for second, \$2.50 for third, single entries, \$3, \$2, and \$1 respectively. Special inducements are offered to any exhibitor who wants a special booth in which to make a display of his birds. There will be a special department for the school children and a good feature will be the poultry with school lectures by experts and prominent poultrymen. An excursion train will be run from Springfield on Thursday of that week to Mountain Grove to inspect the Missouri State Poultry Experiment station and see the hens in the National egg-laying contest.

**Fumes Fixed the Lice.**

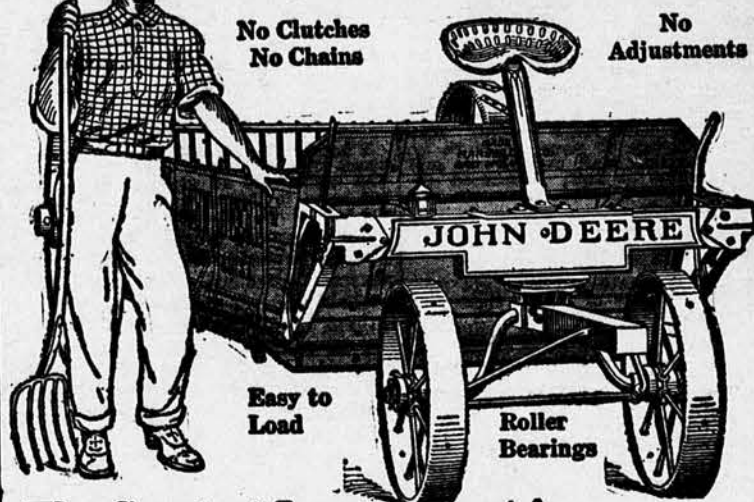
[Prize Letter.]

Mr. Editor—We recently found our hens to be badly infested with large gray lice. We bored half-inch holes, 6 inches apart in our perches and half way through, then filled each hole with a mixture of 5 parts kerosene and 1 part cresol. This was done in the evening before the hens went to roost. Next morning we went to see how the game had worked out and found the lice wriggling in the hens' fluff trying to get away. The fumes had penetrated to the moist skin of the fowls and had driven the lice off. A week later the lice were all gone except some small ones hatched from nits on the feathers. A second application cleaned these out and now our fowls are free from vermin. This treatment cost us 15 cents. George W. Brown. Mount Cory, O.

## Simplest and Strongest John Deere Spreader

The Spreader with the Beater on the Axle

It is as much an improvement in spreader manufacturing as the self-binder was over the old reaper. It is made along entirely new and different lines from any other spreader.



## The Greatest Improvement in Spreaders Since Their Invention

IMAGINE a manure spreader without any of the chains; with all the clutches and adjustments removed; one that has no extra shaft for the beater, no stub axle or counter shaft; one on which the parts that drive the beater all surround the main axle and are within a distance of twelve inches from it; and one that, besides being of much lighter draft than any other you have ever seen, is so low down that it is only necessary to lift the manure as high as your hips when loading. Imagine all that and you will have some sort of an idea of what this new John Deere Spreader—The Spreader with the Beater on the Axle—is like.

It is absolutely the simplest and strongest manure spreader ever invented. It has from one hundred and fifty to two hundred less parts than the simplest spreader heretofore made.

Easy to load. It is always ready for business. It cannot get out of order. There are no adjustments to be made.

**The Beater on the Axle**

It is a fact that most of the trouble experienced with the ordinary manure spreader has been with the parts that make up the beater driving mechanism.

On the John Deere Spreader all the shafts and chains necessary to the old style of mounting the beater have been done away with.

All of the driving parts are mounted on the main axle within the beater.

The strains and stresses of spreading are borne by the main axle—the strongest part of the spreader—and are not transmitted to the side of the box or frame of the spreader.

Power to drive the beater is taken from the rear axle and operates through a planetary transmission (similar to that used on automobiles) mounted on the rear axle.

**Light Draft**

There are at least two main reasons why the John Deere Spreader is the lightest draft spreader made.

You can readily see how decreasing the number of working parts on a manure spreader will reduce the draft correspondingly. That is one very essential reason for the light draft of the John Deere Spreader.

Four sets of roller bearings constitute

the other reason. There are two in the front wheels and two between the main axle and beater. They reduce the draft materially.

When the John Deere Spreader is out of gear it is simply a wagon.

**Easy to Load**

It is easy to lift manure the first three feet when loading a spreader. The real hard work is from this height to the top of the ordinary spreader.

It is only necessary to lift each forkful these first three feet when loading a John Deere Spreader. The hard work is done away with.

Besides, it is possible to see inside the spreader at all times. Every forkful is placed exactly where it is needed, insuring an even load.

**No Adjustments**

On the John Deere Spreader no adjustments are necessary. On the simplest spreader heretofore made, there are from ten to twenty adjustments that have to be properly made before spreader can be used.

Any one of these adjustments, if not made exactly right, will either put the machine out of business or increase the draft, which necessarily means undue wear.

**Positive Non-Racing Apron**

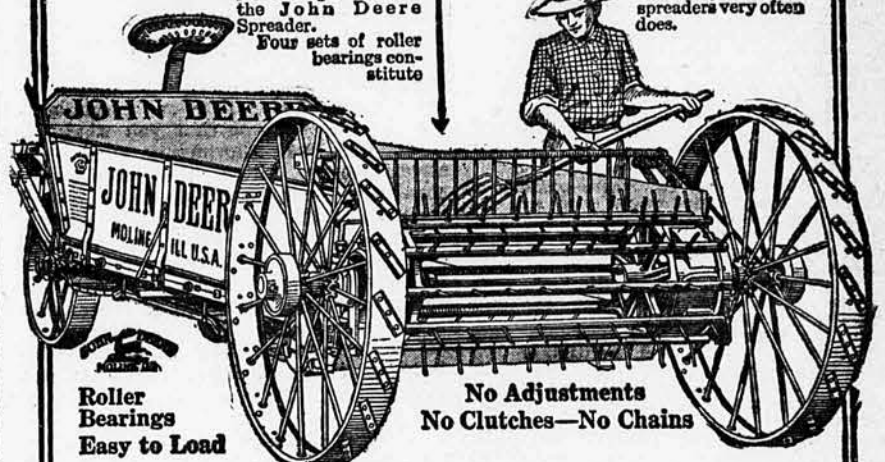
Even spreading is necessary for an even seed-bed and an even seed-bed is necessary to insure an even stand of the crop.

The apron on a John Deere Spreader cannot race when spreading up hill or over exceedingly rough ground. It is positively controlled by a simple and effective locking device within the ratchet feed apron drive. This insures even spreading under all conditions. A feature that is not used on any other spreader.

**Steel Bridge-Like Frame**

Like the modern steel railway bridge, the frame on John Deere Spreaders is made of high-carbon steel—the strongest known mechanical construction.

The John Deere Spreader frame will not become loose and out of alignment, as the frame on ordinary manure spreaders very often does.

**Valuable Spreader Book—Free**

This new, special spreader book contains valuable information concerning the reasons for using manure on the land, how it should be applied, how to store it and the benefits of using it in various ways.

In addition there is a detailed description of the John Deere Spreader, with illustrations in color of this new spreader working in the field.

To get this book free, post paid, ask us for it as Package No. Y.12.

**John Deere Plow Company, Moline, Ill.**

\$100 MONTHLY and expenses to trustworthy men and women to travel and distribute samples; big manufacturer. Steady work. S. Scheffer, Trans., G.W., Chicago

Trial trip until January 1, 1913, for 25 cents, Mail and Breeze, Topeka, Kan.





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

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

#### Navel Ill.

I had a colt a month old that got sick without seeming to be in pain. Next day it was blind in one eye and was stiff. Most of its joints were swollen and it could not get up. It died the second night after this. What was the trouble?—G. L. F., Santa Fe, Kan.

Your colt was probably affected with navel ill. It is a good plan to dust a little boracic acid on the navel of a colt as soon as it is born so as to prevent infection. Write to the Experiment Station, Manhattan, Kan., for Circular 22, on Navel Ill.

#### Sudden Death of Mare.

I had a 7-year-old mare weighing 1,400 pounds that shedded well this spring but did not gain in flesh. One day recently she drank and ate heartily but she would lie

down, get up and eat, then lie down again. She died before morning. What was the matter with her?—T. J. D., Apache, Okla.

It is impossible to state definitely from your description, the exact cause of the death of your mare. It is very probable that she was troubled with colic or indigestion during the day time and she got worse and died during the night. It is also possible that she might have recovered from the colic and died from some other cause. If no post mortem was held, one could not state the exact cause of the death.

#### Skin Troubles.

I have a 6-year-old mare that has lumps about the size of a quarter on her sides. The mare eats all right and the lumps do not seem to bother her. What can be done for them?—J. W., Montrose, Kan.

The mare is troubled with some skin disease probably the result of a slight nervous affection. This condition will probably disappear in a short time if the animal is given a change of feed consisting of something of a laxative nature. Give the animal a heaping tablespoonful twice a day of the following: Salt peter 2 ounces, epsom salts 4 ounces, bicarbonate of soda 4 ounces. Wet the enlargements with a 2 per cent solution of carbolic acid and water.

#### Navel Rupture.

I have a horse colt 10 weeks old that has a soft lump on the navel. It appeared when the colt was about 6 weeks old and is getting larger. What can be done for it?—F. A. W., Toronto, Kan.

Your colt probably has a rupture at the navel. You can tell if this is so by feeling for the opening. If it is a rupture, you can feel the edges of the opening and by grasping the skin, the intestines can be pushed back into the abdomen. If it is an abscess, you will not be able to feel the opening and the hair will soon begin to drop out. Have your veterinarian examine the colt and apply a clamp if it is a rupture. Usually this treatment is followed with good success.

#### Caked Udder.

I have a cow that gave birth to her second calf last Saturday. Her left hind quarter is badly swollen and can get very little milk from it. Have bathed the parts with hot water and rubbed in lard but see no improvement. What can be done for it?—C. R. J., Lancaster, Kan.

The cow has garget or caked bag. Give her 1 pound of epsom salts and a tablespoonful of ginger in a quart of water as a drench at one dose. After the second day, give her a teaspoonful of tincture of poke root twice daily for a week or 10 days. Thoroughly bathe the udder with warm water and after you have rubbed it dry, apply some camphorated oil. If the udder is very large, I would suggest that you apply a bandage so as to support the udder. You can cut four holes in it so that the teats will come through and the cow should be milked frequently.

#### Restoring Hair.

I have a pony 5 years old that lost the hair on its mane and tail. At 15 or 16 months old the hair came back and it had a heavy growth but later they gradually began falling out again. Can anything be done to start a new growth of hair?—W. S., Spearville, Kan.

The falling out of the hair of the mane and tail is usually due to some parasite, although sometimes thinness of the hair is transmitted from the parent to the offspring. If it has been some time since the hair has fallen out, I am a little afraid that it is out permanently. I would suggest that you wash the mane and tail thoroughly with some strong soapy water, then thoroughly rinse with warm water so as to get all these suds off the skin. Then apply a mixture of creolin 1 part, and water 2 parts. Apply this daily for a week or 10 days. If the tail becomes gummed and sticky you can wash it thoroughly with warm water. Also give a teaspoonful of Fowler's solution of arsenic twice daily in the feed for 10 days or two weeks.

#### Lung Worms in Pigs.

I have eight spring pigs that cough a great deal especially when they exert themselves considerably. There is also a white mucous discharge from mouth and nostrils. Some of them also seem to have thumps as their sides heave and jerk and they refuse to eat.—E. A. R., Valley Falls, Kan.

It is very probable that your pigs have lung worms as the symptoms point very strongly to this disease. This disease is rather troublesome to overcome as it is very difficult to give medicine by the mouth which would be absorbed by the system and affect the worms. The young worms are coughed up by the sick hogs and are then taken in by other hogs.

### As a Candidate For Governor of Kansas These Are the Things I Stand For

For revision of taxes downward—on city, county and township as well as state taxes.

For the strictest economy in public expenditure—a dollar's worth of service for every dollar of the people's money.

For all legislation which eliminates useless officials, clerks, commissions and boards, usually created to give jobs to political leeches and grafters.

For the civil service and merit system in the transaction of all business of the state.

For consolidation of boards and other public offices wherever possible.

For salaries for county officials instead of the present fee-grabbing system.

For a more efficient primary law, including a presidential preference, and the fullest publicity to campaign expenses and contributions, and the elimination of the slush-fund in politics.

For government by the people and not the bosses, the politicians and favored special interests.

For the election of state and county officers for a term of four years, subject to recall, and making state officers ineligible for more than one term.

For the election of United States senators and all officials by direct vote of the people, for the non-partisan election of judicial officers, and for the equal suffrage amendment now before the voters.

For abolition of life terms of office of federal judges and substitution thereof of limited terms.

For an amendment to the present inheritance tax law, exempting all direct heirs for at least \$25,000.

For the state publication of school books and distribution to patrons at actual cost.

For the Initiative, Referendum and Recall.

For a practical, sensible good roads law, that will do away with the wastefulness and inefficiency of the present system.

For the assessment of real estate every four years, and abolishment of the office of county assessor, except in counties where the office is created by vote of the people.

For less technicality and speedier justice in courts.

For legislation to increase the efficiency of the rural and grade schools.

I am opposed to the resubmission of the prohibitory amendment and am for the strict and impartial enforcement of the prohibitory law and all the laws of the state without fear or favor, for rich and poor alike.

For a law to give to a convict's dependent family a portion of his earnings while in the penitentiary.

For more farmers and business men and fewer lawyers and politicians for legislative work.

There are too many useless and foolish laws in this state. I favor their repeal or revision.

I favor prison for the big thieves as well as the small ones, and am opposed to paroles for bankers.

For substantial tariff reductions to the lowest basis that will support the American standard of wages.

For a law that will effectively stamp out the white slave traffic.

For public officials who respect their oath of office and who regard their campaign promises as a binding agreement with the people who elect them.

If you believe this is a platform farmers should vote for and support I shall be glad to have you mark it or clip it from the paper and hand it to your neighbor.

*Arthur Capper.*



THE TWIN CITY "40" PULLING 16 PLOWS

## Performance Proves the Supremacy of the Twin City "Forty"

Results count. The Twin City "40" All-Steel, Four Cylinder Gas Tractor is daily demonstrating its superiority, its unequalled efficiency, its unfailing reliability, its sterling qualities on scores of farms throughout the country.

Here's a sample of Twin City "40" enthusiasm.

"The Twin City Forty is doing very well. I am well satisfied with it. We are beating out the other makes around here bad. They are not in it with our new big 'Twin City Forty.' We are pulling ten plows, Campbell packer, and a harrow. We can plow thirty-five acres between sunrise and sundown, and do it easy on eighty gallons of gasoline."

(Signed)

John A. Lohman, Flaxton, N. D.

That's the most common comment, "We are beating out the other makes around us bad."

Wouldn't you like this power plant to do the hard work on your farm? The power of forty horses all in one compact sturdy, durable machine—a machine that never tires, that is always ready to go, that runs up no feed bills when not at work.

A demonstration and a consultation with present owners will be convincing proof that the Twin City "Forty" is the tractor for you.

### Learn the Reasons for Its Success

Our new Tractor Book F goes into details and tells how we have designed, built and improved a machine that has won a place of pre-eminence in the tractor field. It's worth reading. Write for it.

OUR AGENT IS A GOOD MAN TO KNOW—He will answer any questions you have to ask about tractors. He'll give you a demonstration of the Twin City "40"—explain everything to you. Let us send you the name of the agent nearest you.

**Minneapolis Steel & Machinery Company**  
Minneapolis, Minnesota

## Clean Fruit Jars For Preserving Time



Fruit and preserve jars take on a new lustre—an air of inviting cleanliness, when cleaned with Old Dutch Cleanser. The fine porous particles go into every corner and rout out the small stuck-on particles—quickly and easily. It will also clean the hands of stains.

Many other uses and full directions on large sifter can—10c.

**Old Dutch  
Cleanser**





These worms will live for a considerable time on the ground or in stagnant pools. Good feed with about half a teaspoonful of turpentine to every 100 pounds of hog is about as good a treatment as you can give. The turpentine has a tendency to kill the worms that are being taken in by way of the food as well as killing any intestinal worms that may be present. If you have sheds that you can close, you might also inclose the hogs and burn some sulphur so that they would inhale the sulphurous fumes. A person should stay in the shed with the hogs so as to allow them to have fresh air when the fumes become too irritating. As the worms are coughed up, a sick hog would contaminate the pasture or pens in which it is kept, so it would be better if you were to put the well hogs on to pasture that is not contaminated and plow the present pasture or put cattle on it, as these worms are not transmitted to the cattle. Plenty of slacked lime should be scattered in the pens, and the sheds should be thoroughly disinfected with 5 per cent solution of carbolic acid in water.

#### Chronic Bloat.

I have a yearling heifer which has been affected with a kind of chronic bloat for the last three months. Since about April 20 she has been running on buffalo grass. Lately she has become worse and is falling off rapidly in flesh. What do you advise?—J. W., Hanston, Kan.

Chronic bloat may be the result of chronic indigestion or some growth that prevents the gas from being belched up. These growths are sometimes of a tubercular nature. I would suggest that you have the animal tested for tuberculosis. In the meantime try the following: Charcoal, ½ pound; bicarbonate of soda, ½ pound, nux vomica 2 ounces, ginger 2 ounces. Give a heaping tablespoonful of this mixture twice daily in her feed. At the time of bloating, drench her with a pint of raw linseed oil to which 1½ ounces of oil of turpentine has been added.

#### Orphan Colt.

I lost a mare yesterday that has a colt about 2 months old. Is it old enough to live on grain and hay or will it still need some milk? The colt has done fairly well so far and is from large stock. If you advise giving milk how should it be prepared or diluted? What kind of grain and hay would be best?—F. J. K., Eden, Ala.

It is possible that a well developed colt 2 months old would get along fairly well on oats and alfalfa but I would prefer to give it some milk in addition. Cow's milk slightly modified may be given four times a day. The quantity would vary somewhat with the colt. Of course one would have to observe the condition of the bowels and regulate the quantity accordingly. You could give him about a quart of the modified milk slightly warmed at a meal. Take, say, 1 part of lime water and 4 parts of milk and sweeten this mixture with a little sugar. After a short time the colt will probably be able to take the milk straight without any ill effect.

#### Bronchial Troubles—Warts.

(1) I have a 6-year-old horse that has a cough of some two or three months' standing, with a slight rattle in his throat. Have been mixing or changing the feed from time to time and am now giving him oil of tar. What would you advise?

(2) What will get rid of a wart on a horse's nose, about the size of a walnut? Have cut it off but it comes back and have used castor oil and blisters without effect.—F. B., Nash, Okla.

(1) It is possible that your horse has chronic bronchitis or a combination of chronic bronchitis and heaves. I would suggest that you dampen the feed with lime water and feed very little hay or rough feed. Oil of tar may be given. The following may also be used: Tincture digitalis 1 ounce, muriate of ammonia 1 ounce, water 1 pint. Give a tablespoonful twice daily in feed.

(2) Warts are usually fairly successfully treated by applying a little nitric acid or acetic acid. If the wart is large, it should be snipped off with a pair of shears before the acid is applied. Apply the acid with a glass rod and be careful that it does not come in contact with the healthy skin.

#### Horses Out of Condition.

What is the best way to get rid of worms in horses? My horses are out of condition and run down thin. Am working them and feeding about 3 quarts of corn chop and ½ quart of bran three times a day with a little oilmeal in the morning. For roughness they have prairie hay and alfalfa mixed night and morning and Kafir fodder at noon. At night they are turned on grass. How can I get them into condition?—C. W. S., Stockton, Kan.

For worms in horses it is better to give the horse some condition powder so

as to improve the condition of the horse as much as possible. As your horses do not seem to improve with the amount of feed you are giving, I would suggest that you have their teeth examined and if necessary, put in shape, as you seem to be giving them a sufficient amount of food. Give them a tablespoonful twice daily of the following mixture in their feed: Dried sulphate of iron 2 ounces, nux vomica 2 ounces, pulverized gentian 2 ounces, pulverized licorice root 1 ounce, santonin 2 drams. After feeding this mixture for a week or 10 days, give each animal 1 pint of linseed oil and 1½ ounces of turpentine.

#### Ropy Milk.

I have a cow that was fresh last February. Her milk tastes all right but after setting awhile the cream will be stringy or ropy. If allowed to set until it clabbers the whey will be ropy also. Her milk has been in this condition two weeks. What is the trouble?—C. E. M., Salt Fork, Okla.

Abnormal conditions in milk may be produced by the kind of feed or may be caused by bacteria in the milk after it

has stood a little time. I would suggest that you give the cow a pound of Epsom salts in a quart of water at one time and then give her a tablespoonful of hyposulphite of soda once daily in her feed. Wash the udder thoroughly with 2 per cent of boracic acid in water and dry the udder with a cloth that has been wrung out of boiled water. Thoroughly scald your milking utensils. Sometimes the trouble is due to infection in the udder, that is, there may be a catarrhal condition of the milk ducts. In such a case it would be necessary to inject some of the boracic acid solution into the udder. As this or any other solution would have a tendency to spoil the milk, such a treatment could not be followed except when the animal is dry. If you were to discard the first part of the milking and pasteurize the latter part, the milk would not become stringy or ropy so soon.

Trial trip until January 1, 1913, for 25 cents, Mail and Breeze, Topeka, Kan.

### Only a Wind Puff

But it may lose you the race. Horse won't bring as much as the sale. It looks bad and indicates weakness.

**ASPIRINE**

Will remove it and strengthen the joint without blistering or removing the hair, and horse can be worked. Cures strains, sprains, heals wire cuts, bruises; removes bursal enlargements, bog spavins, thoroughpins, curbs, capped hocks. Stops lameness and allays pain. \$2.00 a bottle at dealers or delivered. Book 1 H free. W.F. YOUNG, P.O. Box 209 Temple St., Springfield, Mass.

### MEN WANTED IN AUTO BUSINESS

Big demand for trained men. Earn from \$75.00 to \$150.00 per month. Learn all about automobiles in six weeks by THE "SWEENEY SYSTEM" of practical experience. In our machine shop, garage and on the road you learn by actual experience how to repair, drive, demonstrate and sell automobiles. Send for free catalog explaining The "Sweeney System" and showing views of the largest and best equipped auto school in the world. Write today. Now.

**SWEENEY AUTO SCHOOL,**  
1470 Woodland Kansas City Mo.

# LAST CHANCE

## Only A Few Days More Until the Big Land Opening KENTWOOD, LA.

Special Homeseekers' Rates From All Points to Kentwood and Return, Sept. 17th

The South Calls for More Men! Do you want a productive farm in the high, well-drained Ozone Belt of Louisiana, where two and three crops can be raised a year?

**THE BROOKS-SCANLON LUMBER COMPANY** and the **KENTWOOD AND EASTERN RAILWAY** will open up 10,000 acres of their large land holdings for settlement September 20 on the easiest terms ever offered the farmer. This land will produce big crops of Corn, Oats, Hay, Grass, Vegetables, Berries and Fruit.

We are lumbermen and railroad men and anybody familiar with the lumber industry knows that immense tracts of land with the growing timber must be bought years in advance of the sawing. We not only own a large body of land in Louisiana, but we own bodies of timber and land in Florida, Oregon, Minnesota, British Columbia and the Bahama Islands, and our interests extend to many parts of the world.

We are absolutely responsible and our interests are worth millions of dollars, as you can ascertain through any channel to which you may seek to apply.

In transporting the timbers from the forests to Kentwood mills it was necessary for us to build 59 miles of railroad. Twenty-seven miles of the Kentwood & Eastern is standard gauge railroad and operates passenger and freight trains twice a day in each direction, and it is our purpose to increase the value of the railroad by actual colonists as much as to sell the land that we are making this extraordinary offer.

What we need now is the man that needs a home, and is not afraid of work. We have ample capital and can carry the payments and give an opportunity to the man who has but very little cash but plenty of ambition and energy.



We raise corn here that will make you open your eyes. John H. Henry, Jr., Melrose, La., raised 150% bu. of corn to the acre. Can you beat it?

### Read What People Who Have Been on Our Land Say:

**Palestine, Ill., 6-12-12.**  
Some time ago I became interested in Southern lands and decided to visit KENTWOOD FARMS. Must say I was favorably impressed far beyond my expectations. I intend to make it my future home. You have the climate, soil, good water, abundant rainfall, in fact everything to make an ideal country. To see the growing crops is proof beyond doubt what the future is for these farms. Truly a garden spot waiting for the gardener. I intend to be among you in the near future. **BURKE BRUNER,**  
I. C. Engineer.

**Chicago, Ill., 6-25-12.**  
I am a booster for the South and think it a great country. The crops look fine and much farther advanced than the crops of the North. The corn up in Illinois when I left was only about 6 inches high, while there it is from waist to head high. The water is fine. The vegetable crops I have seen are fine and I think I can make good money down there and am perfectly satisfied to come. I have been from coast to coast and I think the South here is better than any place. I like the climate.  
**BERNARD PETERSON,**  
2111 N. Albany Ave.

**Newport, Ky., 6-19-12.**  
I think I have a good idea of what ground is, but I never saw such a bunch of potatoes dug out of the ground as I saw there; and the best oats I ever saw. I think that is the place to go. I wish I had found out that place years ago. I would not have to be working or worrying. I cannot tell all I want to say in writing, but if you were to call and see me I will be glad to tell you all about it.  
**W. J. HILL,**  
225 East North Street.

We guarantee these lands. Your money back if you cannot make it go. No Swamps. No floods. No malaria. No mosquitoes. The best place in America for a man to farm—

#### KENTWOOD, LA.



Notice our place on the map. We are about 75 miles east of the Mississippi river.

And now for the Gulf Coast of Louisiana, the last and best farming country of them all, where two and three crops can be realized a year, where mild winters and enjoyable summers obtain, where a poor man stands a show, where the thousands of farmers are coming.

Make up your mind to come to this opening—10,000 acres of guaranteed land, as fine as lays out of doors to be settled by actual farmers on terms never before offered in this country. No need to rent any more—here's your opportunity for a real farm in a real country. Special Homeseekers' rates from any part of the United States Sept. 17th. Remember this is great corn, oats, hay, vegetable and fruit land. If you are willing to work you can be independent in a short time if you get one of these farms.

EXCURSION SEPTEMBER 17.

What we will do for our settlers: We furnish a demonstration farm and an expert Southern farmer who will plant any variety of crop that you may designate as an experiment; who will give you expert advice at any time free of charge. We will furnish you lumber for building material right from our mill on the ground at wholesale prices. If you fall ill or something goes wrong, we will extend your payments.

In case of death after one-half of the payment has been made on the property, we will give a warranty deed without further payments to your heirs.

We will guarantee that your crops will make you a profit in twelve months' time if worked under the directions of our expert or refund you every penny you have paid us on your farm, plus six per cent interest.

This in itself shows that we have the greatest confidence in the world in our land.

We know it will yield almost any crop that can be grown in a semi-tropical country, that the land is rich and that the average farmer cannot fail if he will use his head and his hands.

We could not afford to put a guarantee of this kind behind our proposition if we did not know the great majority of American farmers could more than make good. You cannot lose. We take all the risk.

Write for Booklets, Maps, Photos, etc., to  
**C. H. McNIE, LAND COMMISSIONER**  
Brooks-Scanlon Company, Kentwood & Eastern Railway,  
P. O. Box 125, KENTWOOD, LOUISIANA.  
CUT OUT THIS COUPON and mail with \$4.00. It pays for berth on sleeper one way and for 9 meals and sleeping accommodations on ground.  
**Mr. C. H. McNIE, Kentwood, La.**  
Please reserve space for me on your special train Sept. 17, 1912.

Name .....  
Rural Route .....  
City ..... State .....



## A Song of Kansas.

[Written for Farmers Mail and Breeze.]

It's great to live in Kansas  
Where endless prairies roll.  
Somehow its skies of azure  
Bring sunshine to your soul.  
It's great to wander o'er her plains  
With health and wealth to spare,  
Jest makes you feel like bracin' up  
An' bein' on the square.

It seems like all creation  
Jest speaks of bein' free  
The world so full of beauty  
An' all for you an' me.  
Hail, to its hills an' sunny hills  
Where pleasant zephyrs blow;  
Oh it's great to live in Kansas  
Where the sunflowers grow.  
—E. B. Elder.

R. I. Morrowville, Kan.

## No Increase in Rainfall

## KANSAS WEATHER RECORDS.

Mr. Editor—Do you believe cultivation has increased the rainfall of western Kansas? That is, is the annual rainfall greater now than it was before that country was settled up? For how long have records been kept and what has been the increase, if any?—H. N. K., Rosebud, N. M.

The official records for western Kansas do not show that the breaking up of the prairie has had an appreciable effect on the rainfall there. It is true that better crops have been produced in the shortgrass country in recent years than were grown there 10 or 20 years ago but this is due to better methods of farming and to making the best use of what moisture was available, rather than to increased rainfall. The oldest complete records for western Kansas

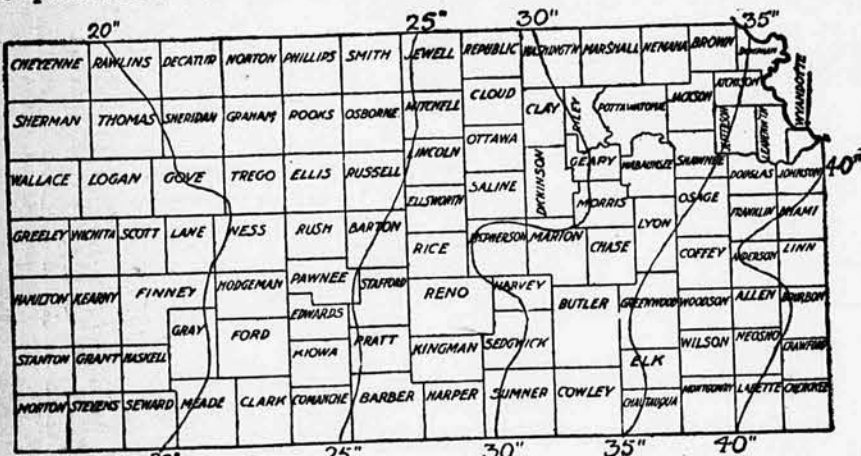
discussions given in full. In addition there is a symposium of useful information in the way of well written articles on the non-saccharine sorghums—Kafir, milo, etc. The final chapter is made up of a summary of two experiments in beef production—one at Nebraska station and one in Indiana. Copies of the report are mailed to Kansans on request.

## Making Ditches With Dynamite

## A LABOR SAVING SCHEME.

Digging ditches with dynamite is getting to be more or less common in eastern and southern states and it might be found useful here for making main ditches for irrigation and in straightening crooked streams. In the South the ditching has been mostly for the purpose of draining wet lands and the cost for explosives and labor there is considerably greater than it would be in our loose western soils.

In using dynamite for this purpose it has been found that a charge placed in a hole driven at an angle gives better results than in the straight hole. A 45-degree angle has been found best for this purpose. The holes are sunk to within a few inches of the depth the ditch is to be and in case of a wide ditch or very resistant soils a double row or three lines of holes are put in. The sketch shows a cross section of a proposed ditch. The holes are 4 feet apart and after the blast the ditch will be ap-



MAP SHOWING DISTRIBUTION OF RAINFALL IN KANSAS. THE FIGURES INDICATE THE AVERAGE NUMBER OF INCHES PER YEAR.

have been kept by the Dodge City and Ft. Hays weather stations. At Dodge City authentic records have been kept since 1870 and the Hays records date back to 1868. These two points may be taken as fairly representative of the semi-arid portion of the state. The following table shows the rainfall in inches by years for each station:

Year.	Dodge City.	Ft. Hays.	Year.	Dodge City.	Ft. Hays.
1868	15.52	15.72	1890	11.72	15.17
1869	20.32	1891	32.34	24.21	
1870	20.13	1892	19.66	22.55	
1871	16.91	1893	10.12	18.16	
1872	15.99	1894	12.60	11.80	
1873	17.68	1895	20.31	12.64	
1874	22.60	1896	19.87	27.70	
1875	10.78	1897	21.58	26.73	
1876	15.40	1898	31.46	31.55	
1877	27.80	1899	28.45	21.68	
1878	17.96	1900	20.76	26.38	
1879	15.43	1901	16.06	22.85	
1880	18.12	1902	17.70	34.65	
1881	33.55	1903	15.27	32.52	
1882	13.14	1904	17.19	17.45	
1883	28.50	1905	25.96	23.73	
1884	30.36	1906	32.54	23.08	
1885	23.71	1907	18.26	25.40	
1886	19.35	1908	19.61	25.33	
1887	15.71	1909	20.55	28.27	
1888	22.94	1910	10.12	16.17	
1889	19.17				

The map shown herewith indicates the different rain belts of Kansas and gives an idea of the great variation in rainfall in the state. For instance 16 counties in the extreme western part get less than an average of 20 inches per year, which is less than half as much as the southeastern corner of the state receives. This map was drawn on the basis of rainfall records made prior to 1909. However the records of 1909 and 1910 would change it but slightly.

## Coburn's Quarterly Is Out.

The quarterly report of the Kansas state board of agriculture for the first three months of 1912 is being mailed out from the office of Secretary Coburn at Topeka. The book contains a complete report of the board's annual meeting last January with addresses, papers and

discussions given in full. In addition there is a symposium of useful information in the way of well written articles on the non-saccharine sorghums—Kafir, milo, etc. The final chapter is made up of a summary of two experiments in beef production—one at Nebraska station and one in Indiana. Copies of the report are mailed to Kansans on request.

## OUR SPECIAL OFFER.

To new subscribers: The Farmers Mail and Breeze until January 1, 1913, for 25 cents. Call over to your neighbor or hail him as he passes on the road, if he is not a subscriber to The Mail and Breeze, and tell him about this special offer. Earn your own subscription. If you send us 4 of these trial orders and the \$1.00 collected we will extend your time 1 year.

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To learn how progressive farmers are using dynamite for removing stumps and boulders, planting and cultivating fruit trees, regenerating barren soil, ditching, draining, excavating and road-making, ask for "Tree Planting Booklet, No. 38."

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Hundreds of other practical, progressive farmers have made big, extra cash profits by using the *only* drill with a furrow opener that sows every seed *evenly* at a *proper depth*, in a *packed furrow*. How about you? You *must* know the many advantages of making *every* seed count and of having a *uniform stand*. You *must* know that *any* furrow opener which combines *every* advantage of the *single disc* and the *shoe* is as near to *perfection* as any practical farmer could expect. We want to tell you *all* the facts, figures and proof of the *money-making* and *money-saving* advantages of

## The New Peoria Drill—

the only one equipped with our famous Disc Shoe Furrow Opener. Read what one of the biggest small-grain raisers in the country writes: "We have given the drill you shipped a good trial and I think I can safely say it's the best drill made." (Wyman Land Co., Halsted, Minn.) Let us send you our booklet showing opinions of others and telling why it will pay you to discard all other makes for this New Peoria, with its wonderful Disc Shoe Furrow Opener.

**Peoria Drill & Seeder Co.**  
2434 North Perry St., Peoria, Illinois



## A Kansas Farmer's Fish Pond

FATTENING FISH LIKE HOGS.

While some Kansas farmers are quarrelling with Prof. Dyche, the state fish and game warden, over the question whether or not a fish pond on the farm is profitable and practicable, Frank Bridgeman of Bentley is going right along raising fish as we would chickens or hogs and he and his family have the finest fresh water fish whenever they want them. He fattens them just as he would hogs and in a recent letter to Prof. Dyche he tells of his successful methods.

"I have a pond now," Mr. Bridgeman says, "that is 50 by 200 feet and which is from 1 to 5 feet in depth. The shallow water is used by the young fish

where they feed and where I frequently feed them. I have a netting of wire screen fence that extends across the pond and divides it so that the young fish can go through into the shallow water where they get their food.

### Feeds Bran, Meal, or Chop.

"I put bran, meal or fine chop in a very coarse burlap sack and place it in the water where the little fish can come by hundreds and suck or work out this feed, and they seem to do well on it. Food sufficient for only 24 hours should be placed in the water; if left for a very much longer time it will sour. When the fish get larger later in the season I feed them corn chop or bread and sometimes bread scraps from the table. The fish are very fond of most any kind of bread, but it is rather expensive food and I do not advise feeding it to them to any great extent.

"In the fall of the year I remove the wire screen fence and feed the fish, for the most part on cracked corn. In this pond I have channel catfish, river cats, bullhead cats and German carp.

### Corn-Fed Catfish are Fine.

"It will be four years next fall since my last pond was stocked. I have channel catfish that weigh 2 pounds, river catfish that weigh 4 pounds, bullhead catfish that weigh from 1/2 to 1 1/2 pounds and carp that weigh 6 pounds. There are also plenty of young fish in the pond, enough to stock two or more ponds like the one I have already described.

"I have a large box in the pond in which I keep live fish. I catch what fish I want to last for one or two weeks and place them in this box and feed them. This enables us to have fresh fish whenever we want them, and I must say that the corn-fed cat fish are fine. They get very fat and it is not as much trouble to raise fish of this kind as it is to raise hogs.

### Cement Wall Around the Pond.

"We have a cement wall around this pond, which is 2 feet deep, 18 inches in the ground and 6 inches above the ground. This wall keeps all polluted surface water out of the pond. The pond is supplied with water by a wind-mill."

## Don't Retire if You Can Help It

IT'S BAD FOR THE HEALTH.

One of the noted men we have in Kansas, a sociologist, whose line of work is looking after the welfare of humanity in general, deprecates the tendency of old farmers to retire and move to town. Unfortunately no way has yet been discovered to make an old farmer live on and on, or last forever, and the same thing is true of bankers, brokers, sociologists and other people. After they have pounded away at one kind of a job for a third or a half of a century and won a competence, and some credit for proficiency in their work, they all want to try something else; to change to something lighter and easier when they begin to feel their bodily powers declining. Hence the retiring farmer, if he can swing it, thinks he would like to do a little banking the rest of his days; and the retiring banker, looking for a soft snap (?) and wholesome out of door employment, right up against Nature's fount of health, retires to a farm. This is often a bad thing for the farm but a good thing for the banker unless he really insists on doing some work when, owing to the sedentary life he has previously led, he is likely to kill himself off by putting his indoor heart out of commission by too heavy and unusual out door work. But the farmer really gets the worst of the retiring deal. He has been used to an active outdoor life from his youth. When he goes to town he quits all forms of physical exercise, gets fat and logy, and his physical degeneration follows rapidly.

The truth is no man should retire altogether from his chosen work whatever it may be. The men who live longest and maintain their bodily powers longest are the ones who finally die in the harness. To retire from all activities is to shorten your days on earth.

Let the old farmer build himself a new and a comfortable home on the old place, said Prof. TenEyck a few years ago, and turn over the old home and most of the active work of the farm to his son, son-in-law or tenant. His life-

long experience and counsel will often be of greatest benefit to the younger generation in conducting the farm and he will be in his element, living out normally his allotted days, a useful man to the last, instead of drying up in town like a fish out of water. These are not the precise words Prof. TenEyck used, but the gist of them is the same. It is better to wear out than rust out. The latter process is much more rapid and discreditable.

## How Do You Fill Your Silo?

MANY WANT TO KNOW.

If you have had the experience the readers of the Mail and Breeze, who are this year to go through the operation of filling a silo for the first time, would like to have you tell them what is the best way to get corn from the field into the silo. How do you do the cutting, hauling and filling? What does it cost to fill your silo? What kind of engine do you use; how much horsepower is required to run the ordinary cutter, and do you exchange work or hire help?

If the cutter is a company concern, tell how many form the company and how many silos you think one cutter can take care of where corn alone is siloed.

We don't suppose anyone will be able to answer all the questions definitely, but would like to have each contributor to the discussion answer as many as he can. In that way no doubt a good practical answer to every question will be arrived at. Let's have the facts. Address these reports to Farmers Mail and Breeze.

## Sold By Five Middlemen

STORY OF A BOX OF APPLES.

Not long ago an apple grower in the state of Washington who sold a shipment of apples for 88 cents per bushel box traced the shipment. He found that the ultimate consumer at Washington, D. C., paid \$4.50 for it. The first buyer shipped the apples to a commission man in New York who sold them to a dealer in fruit. The dealer sold them to a wholesaler in Washington, D. C., and from his hands they went to a grocer who sold them to the consumer. Five middlemen handled the fruit and each took out a good profit, absorbing, aside from the freight charges, the difference between 88 cents and \$4.50. With a sensible system of marketing a larger part of this profit could have gone to the grower and part to the man who bought the apples in the form of a lower price.

## No Witnesses Present.

"You are charged with stealing nine of Colonel Henry's hens last night. Have you any witnesses?" asked the justice sternly.

"Nussah," said Brother Jones humbly. "I 'spects I've sawtuh perculia dat-uh-way, but it ain't never been mah custom to take witnesses along when I goes out chicken stealin', suh."

# The Kimball

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"Pleasing to Toss from Childhood to Old Age." **Mrs. Piano Buyer** Before making the purchase of a piano for your home and children we are sure you will want to see our catalogue—you will want to know about our new plan of selling and distributing our pianos direct from our factory and from our various factory distributing points. Write us today for our Money Saving Plan and Free Catalogues

and learn how easily you can secure the GENUINE Kimball Piano at factory distributing prices and on terms to suit your convenience. Monthly, quarterly or annual payments can be arranged.

We make every component part of the Kimball our great factories—recognized as the largest in the world—therefore the financially strong guarantee of the House of Kimball is back of EVERY part of EVERY Kimball Piano.

**Valuable Features of the Kimball** Every essential feature of the good piano can be found in the Kimball, together with several new and important inventions of our own, such as our hermetically sealed metal covered pin block—the heart of the piano—impervious to dampness, unaffected by heat or cold, strings scientifically treated to prevent rusting, and other valuable features that give the Kimball that delicious value and most splendid musical quality.

**The Tone That Charms** Your music will have a wonderful charm when you play the Kimball. The marvelous sweet, bell-like tone and elasticity of action interprets faithfully your every mood and lingers long in the memory of everyone that hears it. If you need a piano at all—and every home needs one—you want a good one. A merely pretty case with no music in it will not do. Secure at once the reliable Kimball at FACTORY distributing prices and on terms to suit your convenience.

## Kimball Player-Piano

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There are very few persons who are not lovers of good music. Unfortunately there have been but a limited number that could produce it, but now with a Kimball Player-Piano, the young, the old and even the feeble "indoor" people can play and reproduce the "Grand Opera" at home, or play any and all of the old-time songs or popular pieces.

Why not let us send you a Kimball Player-Piano for your trial and inspection. You need not pay us one penny until you have demonstrated its splendid musical value, ease of operation, etc.

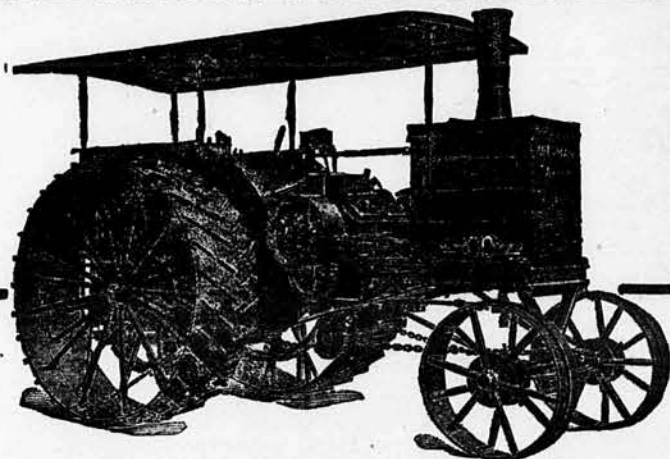
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## If You Are Contemplating Purchasing a Gas Tractor Here Are Features Worthy of Careful Consideration:

A self-starting device that will work in all temperatures—No cranking being necessary—Will start nine times out of ten from the button.

A crank shaft that can be exposed to view in ten seconds. A truss frame construction relatively stronger than that used on a locomotive.

A motor with ample power, but so little vibration that a nail will stand on the frame while motor is running.

A single lever control, forward, reverse and belt drive operated by one lever.

A simple cooling device, easy to inspect and clean—

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Absolutely straight spur gear drive throughout—direct belt drive—no intermediate bevel gears being necessary.

Mechanical force fed individual bearing oilers. These are only a few of the very many important features of the Aultman-Taylor 30-60. If you cannot visit our nearest branch, drop us a postal for information and nearest point where one of these tractors may be seen.

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## ARTHUR CAPPER FOR GOVERNOR

We appeal to the patriotic citizens of Kansas without regard to party affiliations, to support Arthur Capper, the Republican nominee for Governor.

We make this appeal in the firm belief that the people of Kansas are broad-minded and patriotic and are truly desirous of securing the most efficient and the most economical administration of public affairs.

Arthur Capper has never held public office and has no entangling alliances with party cliques or factions. He has no political debts to pay; he is under obligations to no special interests, no factions, no boss, but will take the office with clean hands and a clear conscience, free to serve the best interests of the whole state without favoritism and without prejudice.

He is a native Kansan who has shown his ability to handle large affairs, by developing and owning at the age of 47, one of the largest publishing houses in the entire country giving regular employment to more than 600 people.

He looks upon the Governor of the state as the Business Manager of the state's affairs, and he can be depended upon to bring to the state's service the same ability, the same efficiency, the same methods of economy, the same principles of square dealing and justice, the same rugged honesty, which has made his own business so successful.

As an editor and publisher he has always stood for the rights of the people and has opposed the injustices which arise from Special Privileges. As Governor he will make aggressive war upon all forms of inefficiency, graft and political corruption whether found within his own party or outside of it.

He stands committed to the lowest taxes consistent with efficient public service in a growing state; for the elimination of graft in all its forms; for keeping out the hangers-on, the jobbers and the political leeches who feed from the public treasury; for abolishing the fee-grabbing system in all county and state offices; for the elimination of all useless officials, clerks and commissions; for the reduction of excessive salaries and extravagant appropriations; for less technicality and more justice in the courts; for legislative acts free from loop-holes and jokers; for an inheritance tax exemption of not less than \$25,000; for the printing of school-books by the state and distribution at cost; for strict and impartial enforcement of all laws—in short for a clean and straight policy in handling the business of the state so as to effect the greatest number.

Arthur Capper does not pose as a statesman and he will not use the office of Governor as a stepping stone to another office. He will not attempt to build up a personal machine. He is making no revolutionary promises; but no man has greater ability for the performing of the tasks that confront Kansas today, and no man can do more to give Kansas a clean, progressive state government.

He will respect his oath of office to the letter; he will be on the job six days in the week—and you can depend upon him.

If you believe in justice to all the people; if you believe in economy in public affairs; if you believe in keeping Kansas in the front rank, vote for Arthur Capper on November 5th.

CAPPER-FOR-GOVERNOR-CLUB,

W. A. Neiswanger, President.



## The Hoss Trade.

"Hello," says I.  
 "Hello," says he.  
 I never see the man afore.  
 "Swap?" says I.  
 "Dunno," says he.  
 "Mebbe, mebbe, I ain't shore."  
 "Th' bay?" says I.  
 "Th' gray," says he.  
 "Swap," says we an' both unhitched.  
 "Fine hoss," says I.  
 "Of course," says he.  
 An' in a moment we had switched.  
 "Git up," says I.  
 "Git up," says he.  
 An' both them hosses stood stock still.  
 "Balk," says he.  
 "Yep," says I.  
 "Mine too," says he, laffin' fit to kill.  
 "Say," says I.  
 "Hey," says he.  
 "Guess that's a horse aplece," says we.  
 "Good day," says I.  
 "Good day," says he.  
 Best joke, b'gosh, I ever see.

## New Farm Industry—Canning

## ITS PRESENT POSSIBILITIES.

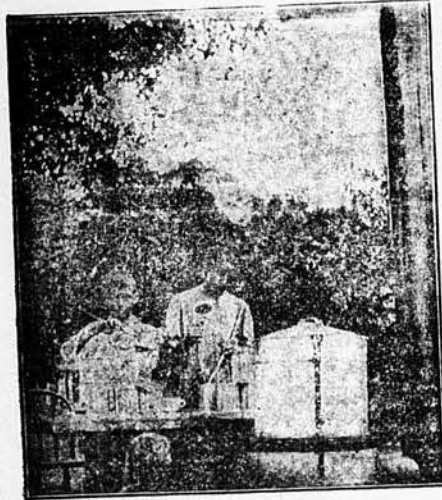
All canned goods should be put up on the farm where the stuff is grown instead of in unsanitary canning factories, where methods are often used that wouldn't do to print. Appearances seem to indicate this may happen. A fine thing it would be both for producer and consumer. It depends a good deal on the country product and the skill with which it is put up.—Editor's Note.

Many a man on a Kansas farm has said, "I'd like to go into truck gardening, but I'm too far from market." But the fact is, with his wife's help and a



HOME CANNING FACTORY AT WORK. Canning outfit, he can make the garden a money-maker anywhere a garden is possible by canning garden truck for market. If only a little fruit and some of the surplus vegetables are to be canned for family use they can be put up on the kitchen stove. But with a canning outfit it is better to do the work out of doors, where it can be done quicker and more comfortably.

In using a canning machine the vegetables and fruits are packed in tin cans without being cooked, sealed airtight



USING A CANNER OUTDOORS.  
 (The proper way.)

and boiled until they are done. Farm folks can beat the canning factories two to one on the quality of such goods, because they can put these products up while they are fresh. Therefore the home canned product should bring as good or better prices than the ordinary canned goods found in the stores.

With a canner you can put up corn, beans, peas, pumpkins, tomatoes, and all other kinds of fruits and vegetables.

There can be little question about a market for your home-packed product if you put up nice, clean cans well filled with good, fresh, tender stock; and if you make your goods neat and attractive, with a fine, showy label.

There are a number of makes of canning machines. They can be bought in any size. They cost from \$25 up and a \$50 or \$60 outfit will turn out 400 to 500 cans of tomatoes a day. You get the labels from the factory that makes the machine. A book of instructions goes with the machine, and it takes only a little practice to do first-class work.

The housewife who wants to do just a little canning for herself can put up vegetables that will keep as well as any boughten goods. She should prepare the peas, corn, beans, etc., as if to cook for immediate table use, and pack them in glass jars. Fill the jars to the top with cold water and place the tops on loosely. Put straw or a rack made of lath in the bottom of the wash boiler, and set the jars in. Pour in water to half cover the jars, and put straw or cloth between the jars so they will not break each other while boiling. Cover the boiler and boil for five hours. Clamp or screw on the covers while they are still very hot, and set in a cool, dark place.

Many women consider the vegetables have a better flavor if they are cooked a little on three consecutive days, instead of so long on one day. To do this boil for an hour the first day, then press down the clamps or screw down the lids of jars. The next day loosen the tops, pour in cold water and again boil one hour. Seal as on the first day. The third day loosen the tops and boil again for an hour, then seal and put away.

## Give the Boy a Square Deal

BY HOWARD H. GROSS,  
 President National Soil Fertility League.

[Written for Farmers Mail and Breeze.]

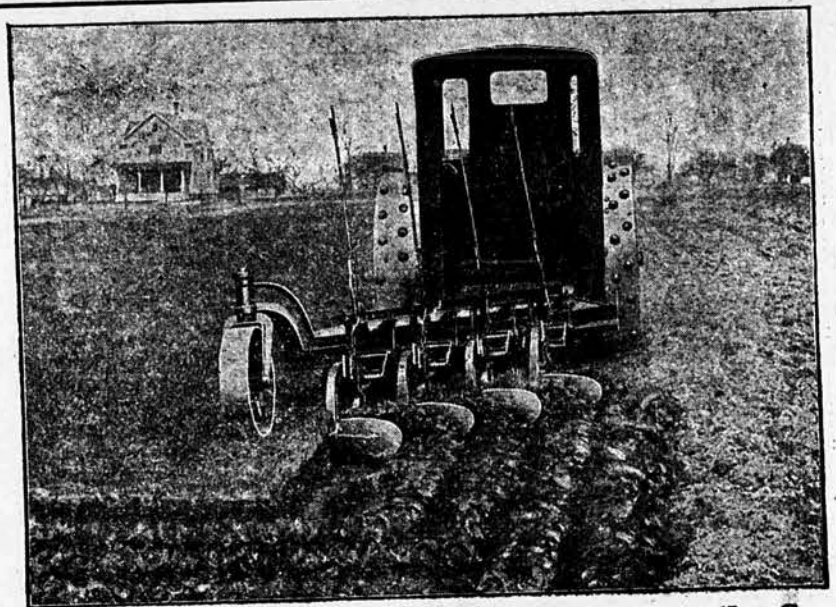
Grown-ups are apt to forget that they were once young, and the many things they had to bear that ground into their very souls. If we could but remember how we felt, and then extend the treatment to the boys and girls of today, that we would like to have received, and which was our due, a different spirit would prevail.

The writer knew intimately a boy, from his earliest recollection to the present day, who had an experience on the farm that illustrates the boy's viewpoint. This youth when about 12 years old was large for his age, strong, and with an appetite to match. It was about 40 years ago that he hired out to a relative as a farm hand. The first duty was to set out hedge plants on a bleak prairie during a March blizzard.

When the plowing time came he took his team and followed the hired man, who was a phenomenal worker. These two teams plowed a 20-acre field in three days, and kept up the pace for about two weeks. The owner bragged about how much his teams were doing, but failed to appreciate that the man who drove the head team was drawing \$26 a month and the boy who handled the back team, doing the same work, was paid \$8. When night came the hired man took care of his team and the boy did likewise, and after that the boy had to milk and do other chores for an hour.

Gophers were a pest. The farmer offered 3 cents a scalp for all caught. The boy went after the gophers. He collected nearly \$3 worth of scalps. That was 40 years ago, and the money is still overdue. When his "time was out" the owner asked him to continue, but a neighbor offered \$12 a month and the boy went there. He staid only a week. He was so completely worn out that he could not work, hence he was discharged. Another neighbor offered him \$16. He went there, held the job, and went back the next year at \$20. He did a full man's work, bound his station after an old McCormick reaper and shocked up by moonlight. He pitched hay, built stacks, and "bucked straw" in threshing time.

The farm boy who belongs to the family should be treated as an individual who has some personal rights. Let him feel that he is a partner in the farm operations, give him an opportunity to make a little money by owning a few shoats, a calf, or a colt. Don't assume that his ownership should stop with the possession of a dog. Give him a few acres, let him try his hand in practical

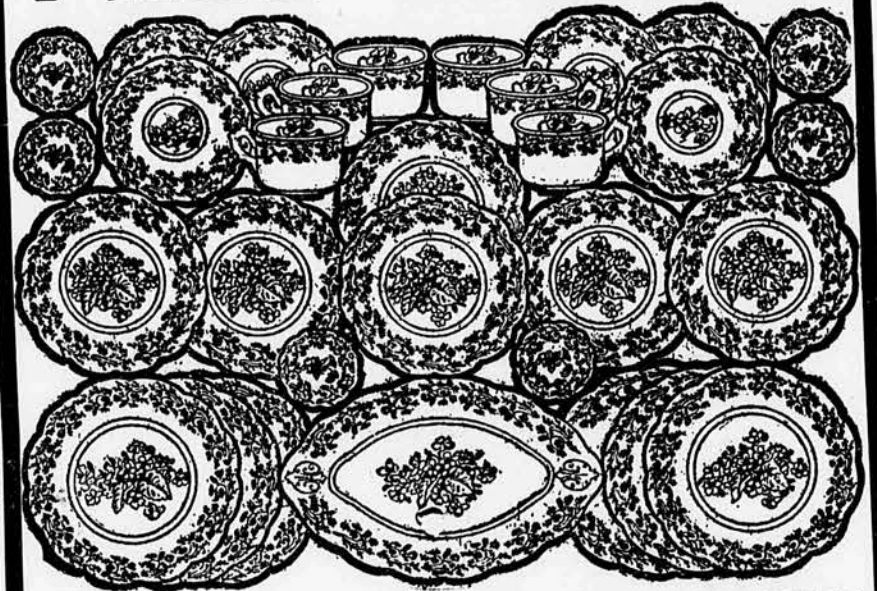


## A One-Man Plowing Outfit That Backs into the Corners and Plows the Entire Field

Plowing one acre per hour. Can be used for disking, harrowing, weeding, threshing, baling and other farm work. Tractor 25-30 H. P. on the brake, 18-20 H. P. at the draw bar. Weight 8,000 pounds. Material All Steel.

Bates Tractor Co., North Lansing, Mich.

## FREE DISHES



## We Give This Beautiful 33-Piece Dinner Set FREE

WE HAVE SELECTED the prettiest set of dishes we could find to give to our friends. The above picture does not show all the dishes, but gives a faint idea of the beautiful Rose design and the size of each piece. As soon as you send in the coupon below we will mail you a large picture of the entire set with each piece in all the pretty colors of red, white, green and gold, showing just exactly how the set will look when you take it out of the box in your own home. In the center of each plate or dish there is a beautiful cluster of bright roses, surrounded by green foliage, all in perfectly natural colors. Around the edge of each piece there is a very heavy and artistic design in gold. The combination of gold, green, white and red, makes the most popular design yet produced in tableware. The ware itself is pure white and dainty enough to delight the most fastidious housekeeper. When you get these dishes on your table you will have something to be proud of indeed. And we don't want you to pay us a cent of your money for them. What we ask you to do is so easy you will never miss the spare time it will take, and the pleasure these beautiful dishes give will be with you for years. Don't let this opportunity escape. It is positively the most liberal dish offer you ever did or ever will see.

## 41 OTHER ARTICLES FREE FOR PROMPTNESS

Fill out the coupon below and we will send you prepaid a big sample needle case, containing 115 Sharp's best needles, darners and bodkins, all fitted in a handy and convenient needle case. The darners are for cotton, wool, lace, gloves, carpet, etc. Every one of these 115 needles is high grade, big eyed, extra quality steel, Dix and Rands brands, made in Austria and Germany. When you receive them show them to your friends and also show them a copy of the Weekly Star Farmer, and ask them for twenty-five cents each in connection with a special offer I will authorize you to make. When you have collected only \$4.00 for us in this way the lovely dinner set will be yours. Put your name on the coupon and send it at once. We give 41 EXTRA ARTICLES for promptness—so hurry. It costs you nothing to sign the coupon—I take all the risk.

## SEND THIS COUPON—NO MONEY FREE DINNER SET COUPON [Dept. 16]

The Weekly Star Farmer, St. Louis, Mo.: Please send me, free and postpaid, the Big Sample Needle Case of 115 best grade needles, together with Large Illustration, in colors, of the beautiful 33-piece dinner set and tell me all about the other gifts. It is understood that I am to keep the sample Needle Case, and if in addition, I take orders for sixteen of them in connection with your special offer, you are to ship me the Dinner Set and other presents, absolutely free, as a prize.

Name . . . . .

Address . . . . .

farming, and let him boss the job. Considerate treatment of boys and hired men is a good investment. Boys and girls have feelings and need encouragement. There is a difference in having something to do and having to do something. Just think about it.

The writer was the boy. He has ground his teeth and thought about it a thousand times.

## This Beautiful 20 Year Watch \$3.75

Elegantly engraved THIN MODEL, GOLD FINISHED double Hunting case, Jewel American lever movement, stem wind and stem set. 20 year guarantee sent with each watch. Long gold finished chain for Ladies, fob or vest chain for Gentlemen. \$3.75. Gent's Free. MODEL. 20 Year Guarantee. EXAMINATION FREE. Let us send it O.D. to your express office, after you examine it, if you think it is a bargain and equal to any \$16.00 watch, pay the express agent our special price \$3.75. Maudie Ladies' Men's or Boys' size. HUNTER WATCH CO., DEPT. 679 CHICAGO, ILL.





## \$10 A DAY

### And Free Suit

YOU can easily make big money with our new co-operative plan, showing our wool samples and snappy fashions to your friends. It's new. They'll buy on sight, for you save them from \$4 to \$8, give them the latest striking city fashions and the finest tailoring in the world.

**Your Own Suit for Nothing** by making enough on the first two or three orders to pay for it. Why not dress well, get your clothes at a confidential, inside figure and easily make from \$5 to \$10 a day? No money or experience needed. Agents' complete outfit sent FREE—rich woolen samples—perfect measuring system—full instructions—everything necessary to start you in a big paying business. All clothes made to measure. Remember **We Pay Express Charges** and take all the risk. Everything sent subject to examination and approval before payment is made. Clothes must fit and satisfy or your money back. Send no money—we furnish everything FREE. Just mail a postal today and the dollars will soon be flowing your way. We appoint only one agent in a town; so write quick and be the lucky man to get in on the big money.

**RELIABLE TAILORING COMPANY**  
565 W. Jackson Blvd., Chicago, Ill.



## EASY TO WASH

With the New, All Steel Frame



**A. B. C. POWER WASHER & WRINGER**

Your gasoline engine or motor does all the washing and wringing.

**No More Tired Backs, Head or Feet**

A. B. C. is the finest and most efficient power washer made. Power Wringer slides along wash stand and wrings at any point. The All Steel Frame cannot warp, split or break. Noiseless belt drive saves clothes and does away with dangerous cogs and sprockets. Low price—liberal guarantee. Don't purchase until you have investigated it.

Write for FREE interesting booklet "Washing Made Easy" and name of our nearest dealer.

**Alter Bros. Co., Dept. 649, Roanoke, Ill.**

## THIS ELBURN



**Only 17¢ a Day**

**We give Long Time Easy Terms Low Prices**

Don't buy or agree to buy a piano until you get our Jenkins Plan. It means money saving, easy payments and long time. We sell only good reliable pianos—no trash. We have also special bargains in used and sample pianos, price \$50.00 and upward.

**We will save you money** It won't cost our Jenkins Plan bargain offer. Just say on a postal or in letter "please mail prices and particulars about your piano bargain offer." Address

**J. W. Jenkins Sons Music Co.**  
621 Jenkins Bldg., Kansas City, Mo.

## Crib Your Grain

With a **CAMP Hydraulic Dump and Light Draft Elevator.**

Save the heavy cost of a shoveling gang and 1c a bushel on the cost of picking corn. Crib your grain cheaper, quicker and better with a **CAMP Light Draft Elevator and Trouble-proof Hydraulic Grain Dump.** Get away from the hard labor and worry of harvest time—and pocket the bigger profits. Our catalogue gives facts and figures you ought to have—and its free.

Mail a postcard for it today—NOW.

**CAMP BROS. & CO.**  
17 Depot Street, Washington, Ill.



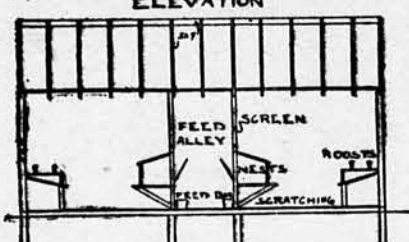
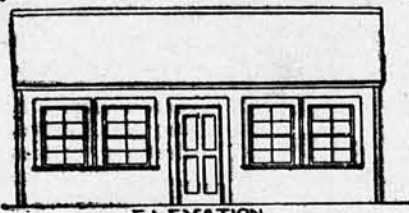
### FREE LADIES' WATCH FREE AND RING

Lady's size Watch, with your own initial engraved on it; stem-wind, a perfect little beauty; not the cheap kind; also handsome Fob and beautiful Signet Ring, all given absolutely free for distributing 12 of our high-grade 12x16 Enamel Art Pictures. Write at once for the picture. When shipped, send on the \$1.00 and we will send Watch, Ring and Fob. Satisfaction guaranteed. Address: Watch Headquarters, Dept. 200, Topeka, Kan.

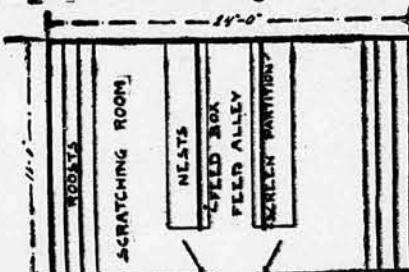
## Two Good Poultry Houses

TAKE YOUR CHOICE.

Mr. Editor—A neat poultry house is shown in this plan. The house is 16 feet wide, 24 feet long, and 8 feet high, to the eaves, with a hallway in the center 4 feet wide, making each poultry room 10 by 16 feet. Dropping



boards extend along the outer sides the full width of the building, and they are high enough up to leave scratching room underneath. The roosts are all on a level above the dropping boards. Rows of nest boxes extend along the partitions so the eggs may be gathered without going in among the hens. Feeding troughs are set along the floor in the feed alley so the hens can reach through for feed and water. The back end of the alley is used for storage. A concrete



foundation makes the house rat proof. The concrete is covered about a foot deep with earth and the earth is supposed to be covered about a foot deep at all times with straw.

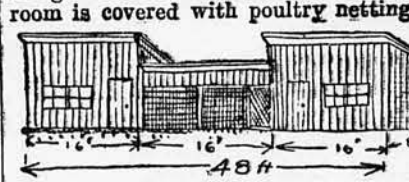
Both inside partitions are wire and there are wire doors in these partitions opening into the different apartments. Loose strips reach across from one plate to another and the space above these strips is filled with straw to secure ventilation without draft. This is helped by windows in each gable covered with thin cotton cloth. Twice during the winter season these strips are pulled down, the straw all taken out and fresh straw put in. This is done on a mild day when the fowls can be left out in the yard.

W. A. Radford.

## House and Scratch Room In One.

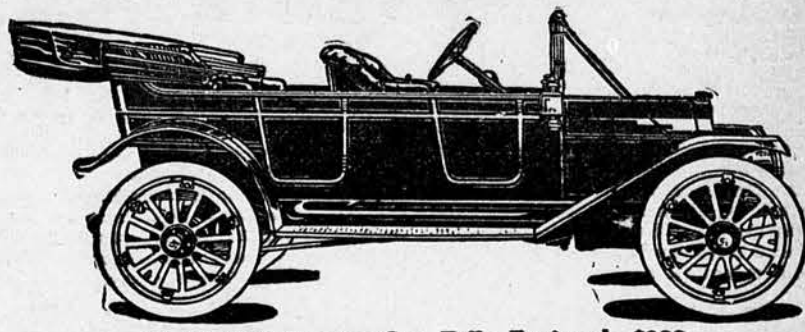
[Prize Letter.]

Mr. Editor—Our new poultry house and scratch room combined is the handiest I have ever seen. It is 48 feet long by 8 feet wide, 9½ feet high in front and 6½ feet at the back. The scratching shed roof is a foot lower throughout. The floor is of cement and the roof shingled. The front of the scratching room is covered with poultry netting to



keep out sparrows which also means to keep out mites. At the back of the scratching room are 12 wire nests 2½ feet above the floor. Each nest is fastened to a 2 by 4 at the back by means of a single staple. At the front the nests are stapled to a 1 by 3-inch strip which rests on brackets at the ends. At night the nests may simply be tipped back to the wall to keep the hens from roosting on them. The roosts are on a level and 2½ feet above the floor.

R. 2, Baldwin, Kan. Alice McNarie.



Model "K" Touring Car, Fully Equipped—\$900

Equipment includes three oil lamps, two gas lamps, generator, top with side curtains and top cover, windshield, horn, demountable rims, with spare rim, tool kit with jack and tire repair outfit with pump.

## Judge the K-R-I-T as you would judge a horse

You don't buy a horse on the say-so of the man who has it to sell.

No. You look the animal over thoroughly to discover all his good points.

You put him through his paces to see what he can do on the road and on the farm.

We want you to judge the K-R-I-T the same way—not on our say-so, but on what you see in the K-R-I-T and on what it shows you it can do.

Match it up against any or all other \$900 cars, or against cars even up to \$1500 if you like—we have nothing to fear from such comparison.

Why? Because the K-R-I-T at \$900 gives you more actual value, that

you can see and recognize, than many cars of higher prices.

It has all the power you'll ever want or need—on any road or hill you'll travel.

It gives generous comfort and room to its five passengers.

And it costs a good deal less to run and keep because it hasn't the excess weight of a large car.

Find these things out for yourself by going to the K-R-I-T dealer in the nearest town; or telephone him to bring the car out to the farm.

He'll be glad to show you the car, either in town or at your home.

If you can't locate the K-R-I-T dealer, write us. Write anyhow for the catalog.

## Other Models

Model "U" Underslung Roadster	\$1000
" " "KR" Roadster	900
" " "A" " "	750
" " "KD" Covered Delivery	900

**KRIT MOTOR CAR COMPANY, 1015 E. Grand Boulevard, Detroit, Mich.**

### FREE

Literature will be sent to anyone interested in the wonderful Sacramento Valley—the richest valley in the world. Unlimited opportunities. Thousands of acres available at right prices. The place for the man wanting a home in the finest climate on earth. Write to a public organization that gives reliable information. Sacramento Valley Development Assn., Sacramento, California.

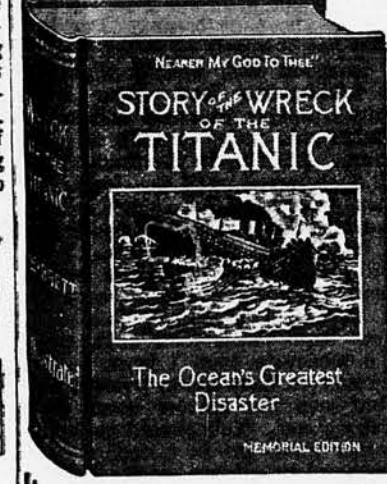
### GOLD WEDDING RING FREE

Send for 12 packages of our beautiful high grade gold embossed post cards to distribute at 10c pkg. Return us the \$1.20 when collected and we will send you by return mail this very fine 14K gold filled heavy band ring not the cheap kind. Address: E. F. WOSKE, 322 Household Bldg., Topeka, Kan.

## POST CARDS FREE AND ALBUM



To quickly introduce our latest Post Cards we will send our choice assortment of 12 high-grade Artistic Souvenir Post Cards, all for only 10 cents; if you answer ad immediately we will also include free a handsome Post Card Album with fancy colored cover, black leaves. With each order we send our special plan for getting 50 extra fine cards of your own selection free. Address at once, E. C. Phinney, 244 Household Bldg., Topeka, Kan.



## The Thrilling Story of the Wreck of the Titanic

The Most Appalling Marine Disaster in the History of the World!

The steamer Titanic, largest and most luxurious vessel in the world, on her first ocean trip, crumpled her steel prow against an iceberg and in four hours the great floating palace sinks with 1600 persons aboard. Numbered among the victims were some of the world's multi-millionaires and men identified with the world's greatest activities.

**1600 Human Lives And \$35,000,000 LOST!**

Mothers and children were torn from husbands and fathers; sisters were separated from brothers, and forced to view their untimely deaths—that is the harrowing tale of the sinking of the Titanic. But there is also the valorous side of this tragic story—Following the chivalry of the sea in caring for the women and children first. Is a story of self-sacrifice and heroism such as no page in history records, and is a glorious tribute to twentieth century civilization. The whole story is told by survivors in this authentic book which is lavishly illustrated with full page pictures showing the scenes of the sinking of the Titanic and the work of rescue. A big book of 320 pages—in cloth binding.

**This Great 320-Page Cloth-Bound Book FREE!**

We have 500 copies of this great book to be distributed among the first 500 who accept this offer: Send \$1.25 to pay in advance for a 15-months' subscription to Mail and Breeze—new, renewal or extension, and we will send you one copy of this big book free and post-paid. Only 500! Clip out and use this coupon NOW!

**MAIL AND BREEZE, TOPEKA, KANSAS**

Mail and Breeze, Topeka, Kansas:

I enclose \$1.25 to pay for a 15-months' subscription to Mail and Breeze. You are also to send me, free and prepaid, one copy of the Great Titanic Book.

Name.....

Address.....



## The WOMEN

Conducted by



**FOLKS**  
Mabel E. Graves

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

The farm boys and girls leave the farm because they can have a better time in town. The remedy is, provide good times before they go.

Cement walks from house to well and barn are a convenience to the whole family and save hours of scrubbing and tons of worry for the women in the home. Summer is the time to make them.

I have wondered why in so many farm homes the front door is almost never used. There always is a front door, but everyone follows the example of the family and drives around to the kitchen. And thereby hangs many a tale of woe, for no matter how neat the rest of the house is, the kitchen can't always be immaculate, for it is the household workshop. I wonder whether if a walk were laid to the front porch and if the front yard could be made to look as if it were used sometimes, visitors could be shoed in at the parlor door instead of the kitchen.

### Fruit Salad.

[Prize Recipe.]

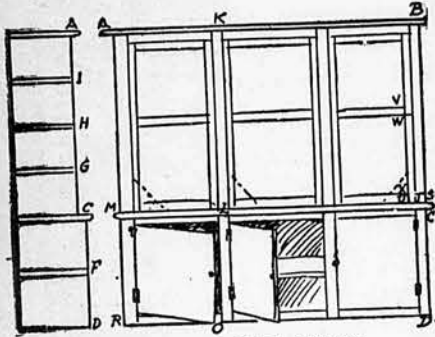
To make a nice fruit salad use 4 oranges, 4 bananas, 1 can of pineapple, 1 cup English walnuts, 1 box of lemon jello. Peel and slice the oranges and bananas and place in a round deep dish, putting in first a layer of oranges, then pineapple and bananas, and sprinkle with nuts. Continue the alternate layers until all the fruit has been used. Prepare the jello by pouring a pint of boiling water over it. Be sure it is all dissolved. When it has cooled to a tepid temperature pour it over the fruit and set in a cool place over night. When ready for serving it can be turned out in a salad bowl. This salad is still nicer if white grapes are added.

Mrs. W. M. Shackelford.  
R. 2, Roosevelt, Okla.

### An All-Purpose Cupboard.

[Prize Letter.]

Enclosed find a plan of pantry cupboard, which we find quite convenient. The cupboard is 7½ feet long and about 7 feet high. The lower section, which is 14 inches deep, extends upward 2½ feet. A partition from L to O divides this part of the cupboard into two parts. The part at the right, with two doors, has a shelf through it, midway between



FRONT AND SIDE VIEWS.  
Explanation: A to B, 7½ ft.; B to D, 7 ft.; C to D, 2½ ft.; D to F, 15 in.; C to G, 13½ in.; G to H, 12 in.; H to I, 12 in.; S to T, 3 in.; T to U, 2½ in.; V to W, 1½ in.; U to X, 2½ in. Illustration shows both front and side view.

top and bottom. This part is used for crocks, kettles, pans, etc. The part at the left is used for storing sacks of flour, of which it will hold four. This is especially useful in winter, as we live some distance from town. The portion above this bin, which is separated from the remainder by partition from K to L, is used for storing groceries. The rest of the cupboard is used for dishes and for food. The upper doors consist simply of a frame covered with a good grade of muslin tacked on the inner side. This protects from dust, and allows some ventilation. The muslin could be sized with flour and water, and then

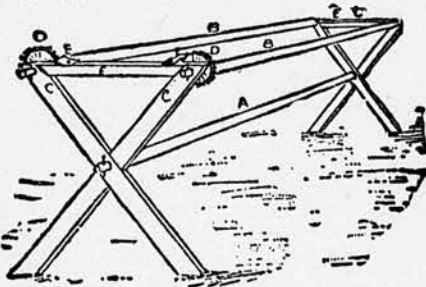
painted. Branches such as are used on screen doors go across the upper doors. The lower doors are made of ceiling material. A table with a shelf beneath stands across the end of pantry; beyond this is the cupboard.

Mrs. J. C. Jorgensen.  
Cheyenne county, Nebraska.

### A Handy Quilting Frame.

[Prize Letter.]

We have a handy quilting frame which I will try to illustrate. One of the strong points of the device is the fact that the operator can unroll the



HOW THE FRAME IS MADE.

quilt from one side and as fast as it is finished roll it up on the other. It has five pieces, and it can be taken down on short notice, and when stored does not require a great deal of room. The pieces A, B and B are 8 feet long. C, C are 3 feet 9 inches long. E, E are 3 feet 4 inches long. The long pieces A, B, B are made of 2 by 2 stuff. B and B are well rounded for a small cog wheel on either end, with a dog for fastening, to prevent rolling backward. These catches are released and fastened as the operator rolls the quilt.

John Cogley.

Tama county, Iowa.

### How to Make Good Bread.

[Prize Letter.]

In response to the request from a reader in Old Mexico, I am sending my recipe for light bread, which is the best and simplest method I have ever tried:

Boil 2 medium sized potatoes in a quart of water until mealy, then put through a sieve, adding the water in which they were boiled. Cool to lukewarm, then add 4 tablespoons sugar and a cake of any good dry yeast, previously dissolved in 1 cup lukewarm water. Cover and set away to rise.

When ready to mix into bread, stir the yeast well and save out 1 cupful as a starter for the next baking. Put in the mixing pan 3 quarts of sifted flour, 1 level teaspoon salt and 3 slightly rounded tablespoons lard. Pour the yeast into a quart measure and add enough lukewarm water or milk to fill the measure. Add this to the flour, etc., stir well, then knead until the dough is smooth and elastic and does not stick to the hands. Cover with a damp cloth and put in a warm place to rise. Let rise until about three times its bulk, then knead down, form into loaves and place in baking pans. Let loaves rise until about three times their bulk, and bake in a moderate oven 1 hour.

When ready to bake again proceed as before, but use the starter saved instead of dry yeast. This should be kept in a covered glass jar in a cool place. If milk is used in mixing up the bread instead of water, it should first be scalded, then cooled to lukewarm.

Mrs. I. L. Lafferty.

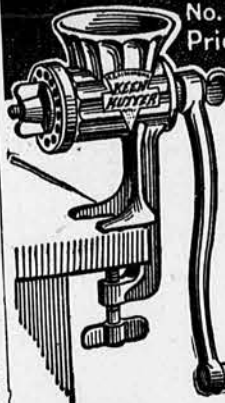
Fredonia, Kan.

### Drives Away the Flies.

I think every housewife is fighting the fly. So try taking a soft cloth—I use a wornout stocking—dampening it with kerosene and wiping the window screen with it, then see how few flies stay around your windows and doors.

Arkansas.

Food Chopper  
No. KKII  
Price \$1.50



Kraut Cutter  
No. K115  
Price \$1.50



## Easier Kitchen Work

More attention than ever before is being given to outfitting the kitchen properly. Food and meat choppers, cleavers, cutters—all are as essential in the modern kitchen as pots and pans. They are actual money savers, too. You will find them included in

## KEEN KUTTER

### Kitchen Furnishings

They give a housewife genuine pride in her kitchen, besides making the work lighter, more quickly done, less tiresome. Everything you need for your kitchen down to can openers can be had with the Keen Kutter trademark—a guarantee to you that

"The Recollection of Quality Remains Long After the Price is Forgotten."  
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If not at your dealer's, write us.

Send for free tool booklet No. 898.

Also, for Simmons Cream Separator Booklet No. 1591.

SIMMONS HARDWARE CO., Inc.

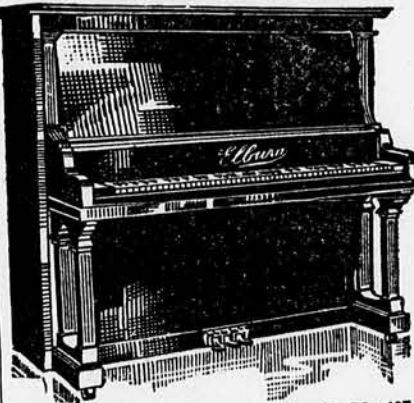
St. Louis and New York, U. S. A.



Cleaver  
No. K75  
Price \$0.60



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Price \$0.25



### A Dozen of Your Hens Can Easily Earn This Beautiful Piano

**\$1.50 Per Week**  
Will buy the Elburn H-2. Positively worth \$225  
\$50 to \$150 more than we ask, our price only \$225

Wamego, Kan.  
Gentlemen—Received the Elburn piano a few days ago, and am very much pleased with it. We had an Elburn piano at home. When I was married and wanted a piano for my home I wanted an Elburn because I like them better than anything I know, so this makes the second Elburn Piano. Respectfully,  
MRS. GEORGIA LOGAN, R. F. D. No. 2.

### You Don't Pay a Cent Until You Are Convinced by Trial of the Remarkable Beauty and Merit of This Piano.

We send it to you absolutely free. You pay no money until the piano is in your home and your friends have thoroughly tested it. We say this piano is actually worth from \$50 to \$150 more than our price, judged by prices obtained by other dealers. Every day sees the popularity of this piano grow. Thousands of Elburns are in southwestern homes. You can trust the piano and you can absolutely trust the word of the dealer who sells it. Any bank or business house in Kansas City will tell you the reputation Jenkins has for integrity, lowest prices and best pianos. Why not write for a catalog today? We also have many choice bargains on hand in slightly used pianos from \$50 up. (Small monthly payments). Write today.

**J.W. Jenkins' Sons Music Co., Kansas City, Mo.**

98 cents



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To advertise our business, make new friends and introduce our great catalogue of Elgin Watches we will send this elegant watch to any address by mail post paid for **ONLY 98 CENTS**. Regular gentlemen's size, open face, full nickel silver plated case, polished case, Arabic dial, lever escapement, stem wind and stem set, a perfect timekeeper and fully guaranteed for 5 years. Send this ad. to us with your name and address & 98c, and watch will be sent by return mail postpaid. Satisfaction guaranteed or money refunded. Send 98c today. Address **R. E. CHALMERS & CO., 538 So. Dearborn St., CHICAGO.**

## Dressed Doll & 95 Piece Furniture Set, all FREE

Here is a doll and nearly a hundred other articles that will delight the heart of any little girl. All are given away absolutely free. Dollie is a little beauty. Sweet little face, ruby lips and blue eyes, soft curly hair. She is nicely and COMPLETELY DRESSED and makes a perfect little lady. She is jointed, can turn her head, sit down. This is a REAL DOLL. With dollie comes her entire outfit of toy outfit furniture—95 different pieces. There is complete Dainty Furniture for the whole house. Kitchen furniture including a big range, dining room set with china closet and side-board. Parlor furniture including DOLLIE'S PIANO, standing lamp, etc. Bed room furniture complete and lots of little pieces, such as washboard, duster, kitchen utensils, water-set, foot-stool, etc. etc. Don't fail to get this beautiful and wonderful set.



### FREE OFFER

Send us your name and address and we will send you six new beautiful art pictures and six coupons, each good for 25 patterns. Collect 25 cents with each picture and pattern coupon on our big offer which includes more. Send us the \$1.00 collected and Dollie and her complete outfit of 95 pieces will be sent you. ALL CHARGES PREPAID, at once. You can do this little work in AN HOUR. This is all we ask—just make six 25 cent sales giving with each sale extra a beautiful picture and pattern coupon. Did you ever hear of a better offer? **B. GUEST, 501 Plymouth Ct., Doll Dept. 144 CHICAGO, ILL.**



## HOME DRESSMAKING

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



- 5808—Child's Dress, sizes 6, 8, 10, 12 yrs.
- 5817—House Dress, or Work Apron, sizes, 32, 36, 40, 44 bust measure.
- 5802—Ladies' Three-Piece Skirt, 6 sizes, 22 to 32 waist.
- 5870—One-Piece Dress, sizes 6, 8, 10, 12 yrs.
- 5801—Ladies' Waist, closed at left side of front, six sizes, 32 to 42 bust.
- 5821—Ladies' Shirtwaist, in regulation length or shorter for attaching to high-waisted skirt, six sizes, 32 to 42 bust.
- 5878—Misses and Small Women's Empire Dress, having a four-gore skirt, sizes 14, 16, 18 yrs.
- 4715—Ladies' Kimono, six sizes 32 to 42 bust.
- 4949—Child's Dress, sizes 4, 6, 8, 10, 12 yrs.
- 5820—Ladies' and Misses' Norfolk Blouse, six sizes, 30 to 40 bust.

### USE THIS COUPON FOR PATTERN ORDERS.

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

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

Pattern No. .... Size. ....  
Pattern No. .... Size. ....  
Pattern No. .... Size. ....

Name .....

Postoffice .....

State .....

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

BE SURE TO GIVE NUMBER AND SIZE.

### Tomato Preserves.

Select nice ripe tomatoes, scald, remove skins and put in an earthen vessel. Cover with a plate and weight down 2 hours to press out all surplus juice. Then put a granite kettle on the stove with 3 cups sugar, the juice of 1 lemon, and as little of the juice of the tomato as will melt the sugar and keep it from burning. When this boils to a thick sirup add 2 quarts of tomatoes. This makes 1 quart of preserves. Cook until transparent. When ready to remove

from the fire add 1 teaspoon cinnamon. I use canned tomatoes if I don't have fresh ones.

Mrs. Wilbur Mathews.

Sedalia, Mo.

## We Need Plenty of Fruit

EVEN IN WINTER.

I am getting so many helpful suggestions and splendid recipes from the women's department of the Mail and Breeze that I should like to make what contribution I can that might be of help to others. I suppose most of the housewives who read these columns are busy these days putting up fruit. At least I hope so, for surely there is nothing that helps more to solve the high-cost-of-living problem in the winter than a well stocked cellar, and the true housewife takes an enormous pride in the rows of canned fruit, pickles, preserves and jellies that she works so hard to put up these hot summer days. Yet it seems to me I have heard an unusual number of women this year saying they are not putting up much. They say, "Oh, we don't care much for canned fruit;" or, "Well, you know we can get fresh fruit most all winter and it doesn't pay to put it up at home."

Isn't it mostly because they don't want the work of putting it up? They persuade themselves they don't care much for fruit and then men, good natured as most of them are about such things, take what is set before them, and if they don't howl for canned fruit the women think they don't care for it. These same women will be buying grapefruit, bananas and oranges all winter or canned fruit at fancy prices and complaining of their grocery bills; or perhaps their families will be eating without fruit and be missing one of the most essential and delightful articles of diet. I believe we need more fruit in our meals, not just a little jelly or a few preserves but more good wholesome sauce, brought up out of the cellar in the quart or half-gallon jar that the housewife filled so carefully in the summer.

Let no one persuade you that the store products are as good or as cheap. This season I have put up already over 200 quarts for our family of only two people, and counting the cost of everything—for we live in town and have no fruit trees of our own—the fruit itself, sugar, several dozens of new jars, lids, rubbers, etc., my supply has cost me thus far only between 6 and 7 cents a quart jar; and I'd like to see any one buy it from the stores at less than 25 or 30. Fruit here is plentiful this year; and I find it a good rule when you

have plenty to put up more than you need, for the next year's crop may be short. I will close by giving two of my favorite recipes, used again and again and always good:

**Grape Conserve**—Five pounds grapes, 3 oranges, 1 pound raisins, 4 pounds sugar, nut meats if desired. Slip the grapes from the skins, cook the pulps till tender and run through a sieve to remove seeds, then put back with the skins. Seed the raisins and chop or grind the oranges, rind and all. Mix all together with the sugar and cook as preserves until thick. The nut meats are a very nice addition if liked.

**Mustard Pickle**—Two quarts each of chopped green tomatoes, cabbage, cucumbers and small onions, 1 head cauliflower and 3 large green peppers, all chopped rather coarsely. Soak over night in salt water. Scald in weak vinegar and drain. Make the following mustard dressing: Six tablespoons ground mustard, 1 cup flour, 1 cup sugar, 1 tablespoon tumeric. Mix with 2 quarts vinegar and cook till smooth. Mix with the pickle and let all come to the boil and seal. The ingredients may be varied. One or 2 bunches of celery make a good addition, or a couple table-spoonsful of celery seed in the dressing. This pickle is always a favorite.

Mrs. L. B. Greenfield.

Tonkawa, Okla.

## SIX SILVER NARCISSUS TEASPOONS FREE.

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

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Could you see the difference in your pores after using ordinary soap lather and JAP ROSE liquid bubbles you would understand why the skin feels so exceptionally clean after the "bubble bath." The vegetable oils soften the hardest water and open the pores so that every atom of impurity is carried away, not roughly, but softly; easily and completely.

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## MARKET PROBABILITIES

[Written Specially for the Farmers Mail and Breeze.]

Except for a few of the best corn fat steers the market last week was 10 to 75 cents lower. The decline was according to grade, showing the least on those good enough to bring \$8.50 to \$9.50. Above that there was no change, and the most on the classes selling at \$6 to \$8. The commonest kinds, which have been relatively too low held steady. In a general way the bulk of the decline fell on grass fat and short fed grassers, the kind that have not had enough corn to give the beef decided firmness. The other angle of the market was a continued strong demand for dry lot leavers. Some brought \$10.65 in Kansas City and \$10.50 at other markets. These were new high record prices for the year. Comparing the extremes of the market, the prices show 5 cents higher at one end and 10 cents lower at the other, or from \$3.65 to \$10.65. The cause of the principal decline on grassers was a slump in the Eastern beef market. For several weeks past killers have been sending large supplies of beef east and slowly raising prices. The demand ceased under the weight of prices, the weather became hot, the beef got "slippery", and had to be sold. Declines of 1 to 3 cents a pound were quoted. This is the first setback of any consequence that has occurred in the beef market in four months past. Now is the time for pasture men to show that they can control the situation. They can cut down shipments for a few weeks, and wait until the beef market comes to rights, or they can keep on crowding the market with liberal supplies, causing further declines, and giving packers a chance to fill their coolers at low prices. The bulk of the beef is coming from the West and Southwest. Nearly one-third of the total supply in Chicago last week was from the Northwest, and more than three-fourths of the supply in Kansas City came from the big pasture section. The market now is in the most critical period of the year, and will rally or break further, according to receipts.

### Butcher Cattle Prices Anchored.

The trading in butcher cattle was practically independent of the uneasy feeling in the steer market. Prices were practically unchanged the entire week, and buyers kept after them from start to finish. Small butchers throughout the country are taking a good many handy weight heifers and good killing cows, and the available supply was none too large. Killers can handle cow loins now to a considerable advantage, as they supply the low priced end of the business. Demand for bulls continues active at firm prices. Veal calves sold up to \$11, in Chicago, \$10.50 in St. Louis and \$8.75 at other markets, or 50 cents to \$1.25 higher than last week.

### Feeder Demand Continues Good.

The demand for stockers and feeders is the broadest of the year. Fairly liberal supplies are coming and they are selling at steady prices. Demand for the young breeding stock, good cows, and the light weight good quality steers is urgent. Had demand for heavy feeders been less insistent, killers could have broken the fat steer market another 50 cents. Most of the thin steers are selling at \$5 to \$6.50, and stock cows and heifers \$3.75 to \$5.

### Liberal Supplies of Sheep.

Sheep are moving freely from all directions, and prices for lambs fell back some last week and sheep held about steady. The Northwest is sending liberal supplies to Omaha, and Chicago, and the West and Southwest are marketing at Kansas City and St. Louis. Practically all of the supply is suitable for killers, and on that account feeder buyers have found very little to their liking. Country buyers are keeping the market hot in a search for the right kinds, and thin lambs of the quality are selling only 50 to 75 cents under the best fat lambs. With so much feed available for winter use, this ought to be a good season for feeding if the thin kinds can be bought within reason. The early inquiry has been for the light weight lambs and good western sheep, that can be fed until after the first of December with good gains. The wool market continues firm. Mutton prices are some higher than 10 days ago.

### Nine Dollar Hogs Again.

After an absence of nearly two years or since October, 1910, the 9-cent hog made his appearance in Chicago and St. Louis last week. The other markets headed up accordingly, but fell short of the nine cent kind. Receipts of hogs for

some time past have been light. Last week there was a further increase in the supply. The strongest part of the market was early in the week, and later weakened some, but rallied again. Packers are buying for the fresh pork trade and are not attempting to store any product, consequently the strongest demand is for hogs weighing 175 to 210 pounds. They are known as butcher hogs. Additional reports of sickness among hogs in Kansas, Missouri and Iowa are coming in each week and some strange maladies have been reported but there seems to be little cause for general alarm. The early use of green corn accounts for much of the hog indisposition, and in some places, it is a holdover from last year's cholera scourge. The markets, however, are comparatively free of young pigs and breeding stock, and it is quite evident that with the big feed crops now available, there will be few hogs marketed at under weight this fall.

### The Movement in Livestock.

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

	Cattle	Hogs	Sheep
Kansas City .....	52,850	17,975	40,000
Chicago .....	39,700	92,000	149,000
Omaha .....	19,400	30,900	84,803
St. Louis .....	23,550	29,500	10,800
St. Joseph .....	7,350	26,800	9,700
Total .....	142,850	197,175	294,300
Preceding week .....	134,000	214,200	246,550
Year ago .....	188,945	222,500	308,650

### Seasonable Fall Trade in Horses.

All markets reported a fairly good demand for horses last week. The good heavy grades were in active demand, and the common to plain kinds sold as well as in the preceding week, though at no time this year have they sold very readily. Mules have been sought eagerly and prices are very strong. Feeders are picking up the thin mules for fattening, and there is a fairly good demand from the South. Construction mules are wanted for heavy work in the West.

The following table shows receipts of cattle, hogs and sheep at each of the five western markets Monday, September 2:

	Cattle	Hogs	Sheep
Kansas City .....	19,700	3,800	11,600
Chicago .....	16,000	28,000	18,000
Omaha .....	6,400	2,300	24,000
St. Louis .....	5,000	5,500	3,500
St. Joseph .....	2,100	5,500	2,500
Total .....	49,200	45,100	59,600
A week ago .....	58,100	39,600	87,000
A year ago .....	53,500	47,000	63,700

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

	Cattle	Hogs	Sheep
Per 100 lbs. 1912 1911			
Chicago ..	\$10.50 \$8.50	\$8.95 \$9.90	\$5.55 \$6.00
Kan. City	10.60 8.15	8.80 9.60	5.35 6.75

### The Feed Market is Strong.

Receipts of wheat in the past few weeks have shown a sharp decrease and prices are holding firm at last week's advance. A moderate milling demand for white corn sent prices for that kind lower, but the mixed and yellow corn held steady. Oats were fractionally higher. All No. 1 and choice hay is selling at strong prices, but No. 2 and lower grades are quoted weak, and sell slowly. Receipts continue liberal.

### Kansas City Hay Quotations.

Prairie, choice .....	\$10.50 @ 11.00
Prairie, No. 1 .....	9.50 @ 10.00
Prairie, No. 2 .....	8.00 @ 9.00
Prairie, No. 3 .....	6.50 @ 7.50
Timothy, choice .....	13.50 @ 14.00
Timothy, No. 1 .....	12.50 @ 14.00
Timothy, No. 2 .....	9.00 @ 12.00
Timothy, No. 3 .....	6.50 @ 9.00
Clover mixed, choice .....	12.50 @ 13.00
Clover mixed, No. 1 .....	11.00 @ 12.00
Clover mixed, No. 2 .....	9.00 @ 10.50
Clover, choice .....	9.50 @ 10.50
Clover, No. 1 .....	8.50 @ 9.00
Clover, No. 2 .....	6.50 @ 8.00
Alfalfa, choice .....	14.00
Alfalfa, No. 1 .....	12.50 @ 13.50
Alfalfa, No. 2 .....	10.50 @ 12.00
Alfalfa, No. 3 .....	8.00 @ 10.00
Straw .....	4.50 @ 5.00
Packing hay .....	5.00 @ 6.00

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

	Kansas City	St. Louis
Wheat—		
Hard No. 2 .....	\$.88 @ .91	\$.92 @ .96
Soft No. 2 .....	.97 @ 1.01	1.03 @ 1.05 1/2
Corn—		
White No. 2 .....	.76 1/2 @ .77 1/2	.80 @ .81
Mixed corn .....	.76 @ .77	.79 @ .80
Oats—		
No. 2 white .....	.34 @ .34 1/2	.33 @ .34
No. 2 mixed .....	.33 @ .33 1/2	.31 @ .32

The following comparison shows prices on best grades of wheat, corn and oats

## The Mystery of a Shoe



Show this Advertisement to Your Dealer.



Before wearing a shoe you judge it only by its appearance and by what the clerk tells you about it. You can't see what is hidden by the inside lining and the outside finish.

A vast number of the shoes made today have heels, counters and insoles made of imitation leather. Convict labor makes eight million pairs, many containing low grade leather or leather substitutes.

But you can always be sure you are getting honest shoes by demanding "Star Brand" shoes with our well-known Star on the heel.

Here is a "Star Brand" shoe—cut up—to show HOW it is made and WHY it outwears other shoes sold at the same price. It is one of "Our Family" line made in several styles for all the family.

The "Our Family" shoe has sole leather counters and soles. Every piece in the heel is of sole leather. The upper is of high grade box calf leather, specially tanned for comfort and service.

TAKE THIS ADVERTISEMENT to the "Star Brand" Dealer in your town and ask to see the cut shoe. Examine it carefully. Then cut up an old shoe made by somebody else and sold for the same

money. You'll then know why "Star Brand Shoes Are Better."

You can cut up any "Star Brand" shoe from the finest to the lowest in price and you will find every pair honestly made of good leather.

"Star Brand" shoes are made in over 700 styles in our own modern factories. Always ask for and insist upon having "Star Brand" shoes. The Star on the heel insures good leather shoes and legitimate values.

You can get the "Our Family" shoe for men, boys and youths at \$2.00 to \$3.00. You can get the "Our Family" shoe for women, misses and children at \$1.35 to \$2.25.

For the price you'll find the "Our Family" the best every day shoe you have ever worn.

If your dealer doesn't sell them, it will pay you to change dealers. Don't let any dealer sell you something else. Write for name of nearest dealer and sample of leather used in "Our Family" shoes.

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**\$5,000 Cash Salary Contest Open to All Mail and Breeze Readers...**

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We are just launching the greatest popular voting contest ever inaugurated by any farm paper in America. This contest is open to all who read this announcement and it is our plan to award \$5,000 in cash salaries to be distributed among all contestants. In addition to this we will give four grand prizes, consisting of a \$350 piano, a \$100 diamond ring, a \$50 talking machine, and a \$25 gold watch. Also many special prizes to those not receiving highest votes.

The awarding of these prizes

does not interfere in any way with the cash salary paid to each contestant. You may be the winner of the largest cash salary prize and you may also be the winner of the first grand prize—the \$350 piano.

We have awarded many thousands of dollars worth of valuable prizes in other contests conducted in the past and we can give you the names of hundreds of prize winners who will tell you that all of our contests have been conducted in an absolutely fair and square manner.

**You Are Sure of Good Pay Whether or Not**

**You Win a Prize**

This contest we are planning to make the greatest of its kind ever known. We believe the conditions to be easier than those of any previous contest and we believe every contestant will receive rewards of greater value, in proportion to the effort put forth, than ever before.

You do not risk one cent. We furnish full particulars and detailed information absolutely free and every prize we offer will be positively awarded at the close of the contest on Sept. 15th, 1912.

The contest is just now starting and every one has an equal chance. If you want to know the full details send your name and address at once.

Address: Contest Manager, Mail and Breeze, Capper Building, Topeka, Kan.

### INFORMATION BLANK

Contest Manager, Farmers Mail and Breeze.

Please send me detailed information concerning the Farmers Mail and Breeze \$5,000 Cash Salary Contest.

My Name .....

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at Kansas City and Chicago for this date and one year ago:

	Wheat	Corn	Oats
1912 1911	1912 1911	1912 1911	1912 1911
Chicago...	\$1.07 \$1.10	81 1/2 86	34 1/2 43
Kan. City...	1.00 1.00	77 1/2 84	34 1/2 45 1/2

#### Seed and Broomcorn.

Clover seed, \$12.00; timothy, \$1.75 @ 3 a bushel; alfalfa, \$10.00; flaxseed, \$1.60; kafir corn, No. 3 white, \$1.69 @ 1.70 per cwt.

#### The Broomcorn Market.

Practically no quotable change was made in broom corn prices in the past week. Buyers are still holding back on the new corn, and only a limited amount of the old corn is selling to fill in with. It is evident that the speculative feature that was rampant in the market a year ago, will be lacking this year. Good to choice, green, selfworking corn is quoted at \$5 to \$12 a ton, fair to good selfworking, \$5 to \$8, and common to fair selfworking \$3 to \$5 a ton.

#### Livestock in Kansas City.

Plains to fairly good grass fat steers in Kansas City last week declined 25 to 65 cents, and the better kinds were 15 to 25 cents lower, and the best and commonest kind steady. It was a market with the middle shot out, as the bulk of the offerings were western grassers. Some prime 1,400 pound steers sold at \$10.00, and several bunches brought \$10 to \$10.50. Below \$10, the price list began to weaken. The bulk of the steers sold at \$6 to \$8, on the native side and \$5 to \$6 on the quarantine side. Cows and heifers were quoted steady. Cows sold at \$2.65 @ \$6.75, and heifers, \$2.75 @ \$5.50. Some steers and heifers mixed brought \$3.45. Calves were quoted 50 to 75 cents higher, top \$3.75. Feeders sold at \$4.25 @ \$5; stockers, \$3.75 @ \$5, and stock cows \$3.50 @ \$4.65.

Receipts of hogs in Kansas City last week were less than 19,000, the smallest supply this year. Prices were advanced 20 to 25 cents to the highest level this year. The top price Friday was \$8.82 1/2, and bulk, \$8.45 @ \$8.75. Saturday only four loads were offered. They sold at \$8.65 and \$8.70.

The following table shows the range in price of hogs in Kansas City on days named for the past two weeks:

	This week	Preceding wk.
Tuesday .....	\$8.40 @ \$8.80	\$8.25 @ \$8.75
Wednesday .....	8.35 @ 8.80	8.20 @ 8.60
Thursday .....	8.30 @ 8.75	8.15 @ 8.52 1/2
Friday .....	8.40 @ 8.82 1/2	8.20 @ 8.57 1/2
Saturday .....	8.65 @ 8.70	8.20 @ 8.55
Monday .....		8.30 @ 8.75

Early last week demand for lambs was active but later weakened again and prices fell back 25 cents. Sheep in some cases were in better demand. Fat lambs are quoted at \$6 @ \$6.75; yearlings, \$4.00 @ \$5.10; wethers, \$3.75 @ \$4.50; ewes, \$3.50 @ \$4. Feeding lambs sold at \$5.25 @ \$6.25 and sheep, \$3 @ \$4.

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

	1912	1911	Inc.	Dec.
Cattle .....	988,381	1,280,051	.....	241,670
Calves .....	97,986	136,519	.....	48,533
Hogs .....	1,714,911	2,116,630	.....	401,719
Sheep .....	1,399,425	1,314,378	.....	14,947
H. & M. ....	51,509	57,238	.....	5,719
Cars .....	70,679	87,909	.....	17,230

#### Livestock in St. Louis.

Fairly large supplies of cattle arrived last week, and the bulk of them which graded in the medium class and sold at \$6.50 @ \$8.25 were quoted 25 to 40 cents lower. Some choice steers brought \$10.50 and were as high as any time. Butcher cattle prices were quoted off 10 to 15 cents. Texas and Indian steers are selling at \$4 to \$7, and cows, \$2.85 to \$7; heifers, \$3.75 to \$5.50. Veal calves in carload lots sold at \$6 to \$8.50, and odd head up to 10 cents. Stockers are quoted at \$4.25 to \$6.50, and feeders, \$4.75 to \$6.75.

The St. Louis hog market continued to lead all other points in the price line. The top price on four days was \$9, and the market Saturday was firm at the high level, and 15 to 20 cents above the close of the preceding week.

There was no important change in prices of sheep, but lambs were quoted off 25 to 35 cents. Receipts have been fairly large, but mostly native grades. Fat lambs are quoted at \$6 to \$7; wethers, \$3.75 to \$4.65, and ewes, \$3.50 to \$4.25.

The following table shows receipts of cattle, hogs and sheep in St. Louis thus far this year, compared with the same period in 1911.

	1912	1911	Inc.	Dec.
Cattle .....	585,380	628,144	.....	42,764
Hogs .....	1,691,293	1,965,764	.....	274,461
Sheep .....	699,183	742,890	.....	43,707
H. & M. ....	107,403	115,294	.....	7,891
Cars .....	49,855	55,999	.....	6,144

#### Livestock in St. Joseph.

The cattle market last week declined 15 to 35 cents on all but the best steers. Several bunches of thick fleshed steers sold at \$10 to \$10.25 or as high as any time this year. Cows and heifers held up to a steady level and were in active demand. Good to choice heifers have been very scarce. Steers are quoted at

\$6 @ \$10.25; cows and heifers, \$3 @ \$8.50; calves \$4 @ \$8.75; stockers, \$4 @ \$6.50, and feeders, \$5 @ \$7.

Receipts of hogs last week were fairly large for this season of the year. The top price Saturday was \$8.00, and the bulk of the hogs brought \$3.50 @ \$8.75, or 20 cents higher than at the close of the preceding week.

The following table shows receipts of cattle, hogs and sheep in St. Joseph thus far this year compared with 1911.

	1912	1911	Inc.	Dec.
Cattle .....	287,717	314,539	.....	26,822
Hogs .....	1,415,426	1,244,497	.....	150,929
Sheep .....	447,443	442,729	.....	4,723
H. & M. ....	29,043	27,634	.....	1,409

#### Cotton Market.

Galveston, Tex., Sept. 2.—COTTON—Market lower, 11 3-16c.

#### Butter, Eggs and Poultry.

Elgin, Sept. 2.—Butter this week is firm at 25 cents.  
Kansas City, Sept. 2.—Prices this week on produce are:  
Eggs—Firsts, new white wood cases included, 20 1/2 c a dozen; seconds, 16c.  
Butter—Creamery, extras, 24c a pound; firsts, 22c; seconds, 21c; packing stock, 18 1/2 c.  
Live Poultry—Broilers, 16c a pound; spring chickens, 15c; hens, 11 1/2 c; roosters, 7c; turkey hens and young gobblers, 12c; old toms, 10c; culls, 7c; young ducks, 12c; old ducks, 10c; geese, 5c; pigeons, 60c a dozen.

#### Produce Prices Now and One Year Ago.

	Butter	Eggs	Hens
1912 1911	1912 1911	1912 1911	1912 1911
Chicago....	25 25	20 21 1/2	13 12 1/2
Kan. City..	24 25	20 1/2 20	11 1/2 10

#### HOUSE CONCURRENT RESOLUTION No. 3.

Granting equal rights and privileges to women. Be it resolved by the Legislature of the State of Kansas, two-thirds of the members elected to each House thereof concurring therein:

That the following proposition to amend the constitution of the state of Kansas be hereby submitted to the qualified electors of the state for their approval or rejection, namely:

Section 1. The rights of citizens of the state of Kansas to vote and hold office shall not be denied or abridged on account of sex.

Sec. 2. This proposition shall be submitted to the electors of this state at the election for representatives to the Legislature in the year 1912. The amendment hereby proposed shall be known on the official ballot by the following title: "Amendment to the constitution granting equal rights and privileges to women," and the vote for or against such amendment shall be taken as provided by law.

Sec. 3. This amendment, if adopted, shall be known as section 3 of article 5 of the constitution of the state of Kansas.

Sec. 4. This resolution shall take effect and be in force from and after its publication in the statute book.

Passed the House February 7, 1911.  
Passed the Senate February 8, 1911.  
Approved February 9, 1911.

I hereby certify that the foregoing is a true and correct copy of original House Concurrent Resolution No. 3, now on file in my office.

CHAS. H. SESSIONS,  
Secretary of State.

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# Kansas Top for Iowa's Fair

(Continued from Page 6.)

**Cameron, John, Audubon, Ia.; Corsa, W. S., White, Hall, Ill.; Crawford & Griffin, Newton, Ia.; Crownover, Wm., Hudson, Ia.; Dannen, C. B. & Sons, Melbourne, Ia.; Dunham, Wayne, Ill.; Eggert, Geo., Newton, Ia.; Ewing, J. C., Farmington, Ill.; Finch Bros., Joliet, Ill.; Gates, E. N., Newton, Ia.; Hillcrest Farm, Ottumwa, Ia.; Hoagland, E. M., Promise City, Ill.; Holland, Chas., Springfield, Mo.; Humbert, E. L., Corning, Ia.; Iowa Agricultural college, Ames, Ia.; Irvine, Chas., Ankeny, Ia.; Jones, C. E., Rippey, Ia.; Judge, J. T., Carroll, Ia.; McCray, Geo. M., Rock Rapids, Ia.; McMillan, H. G. & Sons, Eldora, Ia.; Nelson, Martin, Cambridge, Ia.; Oakman, J. S., Blandville, Ill.; Risley, J. L., Ames, Ia.; Seeley, W. W., Stuart, Ia.; Shaw, E. R., Oneida, Ill.; Thompson, R. N., Cowden, Ill.; Truman's Pioneer Stud Farm, Bushnell, Ill.; Wambold, L. W., Stuart, Ia.; Weinrich, F. W., Geneseo, Ill.**

**Wm. Bell, Wooster, O., judge.**  
**Stallion 4 years or over—1, H. G. McMillan & Sons, on Incruste; 2, Truman's Pioneer Stud Farm, on Interpret; 3, W. W. Seeley, on French Premier; 4, Crawford & Griffin, on Isocrate; 5, Martin Nelson, on Irrite.**

**Stallion over 2, under 3—1, Dunhams, on Jousou; 2, Dunhams, on Johannsberg; 3, Dunhams, on Janney; 4, Dunhams, on Janssen; 5, Wm. Crownover, on Jaley.**

**Stallion over 2, under 3—1, Dunhams, on Kourbet; 2, Dunhams, on Kolonel; 3, Dunhams, on Kaifoung; 4, H. G. McMillan & Sons, on Lunar.**

**Stallion foal—1, Martin Nelson, on Buster; 2, J. L. Risley, on Victor; 3, Brown & Walker, on Belmonte; 4, Martin Nelson, on Caption.**

**Mare 4 years or over—1, H. G. McMillan & Sons, on Rosine; 2, H. G. McMillan & Sons, on America; 3, Finch Bros., on Gellve; 4, Hillcrest Farm, on Histole.**

**Filly over 3, under 4—C. B. Dannen & Sons, on Jongleuse; 2, C. B. Dannen & Sons, on Lady Perfection; 3, H. G. McMillan & Sons, on Jane; 4, H. G. McMillan & Sons, on Gracia.**

**Filly over 2, under 3—1, C. B. Dannen & Sons, on Grey Perfection; 2, H. G. McMillan & Sons, on Roselle; 3, Finch Bros., on Mabel; 4, W. H. S. Barnett, Dexter, Ia., on Diamond.**

**Mare foal—1, W. H. S. Barnett; 2, W. H. S. Barnett; 3, Brown & Walker, on Miss Helix.**

**Mare 3 years or over, bred by exhibitor—1, H. G. McMillan & Sons, on Rosine; 2, C. B. Dannen & Sons, on Lady Perfection; 3, H. G. McMillan & Sons, on Jane; 4, H. G. McMillan & Sons, on Gracia.**

**Get of stallion—1, W. S. Corsa; 2, H. G. McMillan & Sons; 3, C. B. Dannen & Sons; 4, H. G. McMillan & Sons; 5, W. W. Seeley.**

**Champion stallion—Dunhams, on Kourbet.**  
**Champion mare—H. G. McMillan & Sons, on America.**

## CLYDESDALE.

**Exhibitors—Birgen, Peter, New Hampton, Ia.; Brannon, J. J., Waucoma, Ia.; Cuyahoga Bros., Wilkesbarre, Pa.; Crawford & Griffin, Newton, Ia.; Ford, H. H., Storm Lake, Ia.; Galbraith, Alex & Sons, DeKalb, Ill.; Harrison, Laban, Prescott, Ia.; Hildebrand Bros., Gladbrook, Ia.; Hixson, W. V., Marengo, Ia.; Iowa Agricultural college, Ames, Ia.; Leitch, J. & Sons, Lafayette, Ill.; McLay Bros., Janesville, Wis.; Pedley, Jas., Britt, Ia.; Shekleton, Frank, Lawler, Ia.; Soderberg, A. G., Osco, Ill.; South Bros., Orion, Ill.; Wm. McKirdy, Napinka, Manitoba, Canada, judge.**

**Stallion 4 years or over—1, Alex Galbraith & Sons, on Dreadnaught; 2, J. Leitch & Sons, on Rinaldo; 3, Frank Shekleton, on Westward Ho; 4, Jas. Pedley, on Forest King; 5, McLay Bros., on Royal Irwin.**

**Stallion over 2, under 3—1, McLay Bros., on King Norman; 2, Alex Galbraith & Sons, on Boreland; 3, H. H. Ford, on Prince Cedric; 4, J. Leitch & Sons, on Lord Halsbury; 5, Alex Galbraith & Sons, on General Williams.**

**Stallion over 2, under 3—1, A. G. Soderberg, on Osco Pride; 2, A. G. Soderberg, on Russell; 3, Alex Galbraith & Sons, on Prince Argosy; 4, McLay Bros., on Lord Baccarles.**

**Mare 4 years or over—1, A. G. Soderberg, on Osco Bloss; 2, W. V. Hixson, on May Palmerston; 3, McLay Bros., on Lady De Bathe; 4, H. H. Ford, on Floss.**

**Mare over 3, under 4—1, McLay Bros., on Graceful Lady; 2, South Bros., on Beauty's Maid; 3, J. Leitch & Sons, on Pride of Avondale.**

**Filly over 2, under 3—1, W. V. Hixson, on Clifton Bell; 2, A. G. Soderberg, on Osco Rose; 3, J. Leitch & Sons, on Airie Queen; 4, W. V. Hixson, on Flossie.**

**Mare foal—1, W. V. Hixson, on Lady Stewart; 2, McLay Bros., on Lady Demure; 3, W. V. Hixson, on Lady Favorite.**

**Mare 3 years or over bred by exhibitor—1, McLay Bros., on Graceful Lady; 2, A. G. Soderberg, on Osco Bloss; 3, W. V. Hixson, on May Palmerston; 4, J. Leitch & Sons, on Pride of Avondale.**

**Champion stallion—McLay Bros., on King Norman.**  
**Champion mare—A. G. Soderberg, on Osco Baron's Sweetness.**

## ENGLISH SHIRE.

**Exhibitors—Crownover, Wm., Hudson, Ia.; Dyer, Robert, Pleasantville, Ia.; Eggert, Geo., Newton, Ia.; Finch Bros., Joliet and Verona, Ill.; Galbraith, Alex & Sons, DeKalb, Ill.; Hopley, Wm. Est., Atlantic, Ia.; Huston, Frank E., Waukegan, Ia.; McCray, Geo. M., Fithian, Ill.; Meyers, Reuben, Fithian, Ill.; Rittenhouse, Jno. R., Mahomet, Ill.; Sage, J. A., Ankeny, Ia.; Soderberg, A. G., Osco, Ill.; Truman's Pioneer Stud Farm, Bushnell, Ill.; Woltman, F. J., Cedar Rapids, Ia.; R. B. Ogilvie, Chicago, judge.**

**Stallion 4 years or over—1, 2, 3, 4 and 5, Truman's Pioneer Stud Farm, on Dunsmore Wellington Boy III, Ashbreach Excelsior, Modlar Duke, Mardresfield Ermine, Abbott's Haymaker.**

**Stallion over 3, under 4—1, Truman's Pioneer Stud Farm, on Lord Carlton; 2, Truman's Pioneer Stud Farm, on Dunsmore Royal Lad; 3, Truman's Pioneer Stud Farm, on March Pioneer; 4, Wm. Crownover, on Buster Brown III; 5, Robert Dyer, on Dyer's King.**

**Stallion over 2, under 3—1, 2, 3, 4 and 5, Truman's Pioneer Stud Farm, on Carlton King, Comet VIII, Sarilest King, Burgh Harold.**

**Stallion foal—1, Wm. Crownover, on Maple Dale Masterpiece; 2, J. A. Sage.**

**Mare 4 years or over—1, Alex Galbraith & Sons, on Dowby Sunbeam; 2, Wm. Hopley Estate, on Nottingham Energy; 3, Frank E. Huston, on Lady Brown; 4, J. A. Sage, on Ankeny Flora.**

**Filly over 3, under 4—1, Truman's Pioneer Stud Farm, on Pattie; 2, Finch Bros., on Joliet Peach; 3, Geo. Eggert, on Graby Easter Gift.**

**Filly over 2, under 3—1 and 2, Truman's Pioneer Stud Farm, on Crocus and Frithville Princess; 3 and 4, Finch Bros., on Finch's Gliming and Finch's Best.**

**Mare foal—1, Frank E. Huston, on Pine Krest Primrose; 2, Geo. Eggert, on Oak Lawn Easter Rose; 3, Wm. Hopley Estate, on Grove Duchess.**

**Mare 3 years or over, bred by exhibitor—1, J. A. Sage, Ankeny, Ia.; 2, Finch Bros.; 3, J. A. Sage, on Fashion Plate.**

**Get of stallion—1, Wm. Crownover; 2, Finch Bros.; 3, Frank E. Huston.**

**Grand display—Finch Bros.**  
**Champion stallion—Truman's Pioneer Stud Farm, on Carlton Royal Grey.**

**Champion mare—Frank E. Huston, on Pine Crest Princess.**

## BELGIAN.

**Exhibitors—Cole, G. E., Fondra, Ia.; Crawford & Griffin, Newton, Ia.; Crownover, Wm., Hudson, Ia.; Eggert, Geo., Newton, Ia.; Estes, W. C., Packwood, Ia.; Finch Bros., Joliet and Verona, Ill.; French, R. F., Independence, Ia.; Grigsby, G. W., Madrid, Ia.; Hildebrand Bros., Gladbrook, Ia.; Iowa Agricultural college, Ames, Ia.; Irvine, Chas., Ankeny, Ia.; Jones, C. E., Livermore, Ia.;**

**Laughridge, J. A., Delta, Ia.; Lefebure, Henry, Fairfax, Ia.; McCarty, G. A., Princeville, Ill.; McDermott, C. W., Viola, Ia.; Miller, J. N. B., Corning, Ia.; Pancake, E., Rosamond, Ill.; Powis, W. V. R., Wayne, Ill.; Rosenfeld, Carl A., Kelley, Ia.; Truman's Pioneer Stud Farm, Bushnell, Ill.**

**Stallion over 3, under 4—1, Geo. Eggert, on Villiant De Merfies; 2, Geo. Eggert, on Max De Grace; 3, Chas. Irvine, on Danube; 4, G. E. Cole, on Robert; 5, Henry Lefebure, on Espoir Lalling.**

**Stallion over 2, under 3—1, Finch Bros., on Picha; 2, Truman's Pioneer Stud Farm; 3, Finch Bros., on Belle De La Lys; 4, C. W. McDermott, on Rob Roy.**

**Stallion foal—1, W. V. R. Powis, on Prince Bledyn; 2, Chas. Irvine, on Irinedale Prince.**

**Stallion 3 years or over, bred by exhibitor—1, Finch Bros.**

**Mare 4 years or over—1, Finch Bros., on Laura; 2, J. N. B. Miller, on Flora; 3, J. A. Loughridge, on Madam II; 4, Geo. Eggert, on Martha Der Haerten.**

**Filly over 2, under 3—1, R. F. Finch, on Belle Terlingen; 2, Chas. Irvine, on Flavie; 3, H. Lefebure, on Albion; 4, Finch Bros., on Martha.**

**Filly over 2, under 3—1, Henry Lefebure, on Luzette; 2, R. F. French, on Floride de Vlad; 3, J. N. B. Miller, on Florence; 4, R. F. French, on Claire.**

**Mare foal—1, Finch Bros.; 2, Chas. Irvine, on Paulette; 3, Carl A. Rosenfeld, on Jeannette Rosengift; 4, Chas. Irvine, on Lorette.**

**Mare 3 years or over, bred by exhibitor—W. C. Estes, on Miss Nora.**

**Get of stallion—Chas. Irvine.**

**Produce of mare—1, Finch Bros.; 2, J. N. B. Miller; 3, W. C. Estes; 4, Carl Rosenfeld.**

**Grand display—Chas. Irvine, Ankeny, Ia.**  
**Champion stallion—Finch Bros., on Rubicon.**

**Champion mare—H. Lefebure, Fairfax, Ia., on Luzette.**

## JACKS.

**W. A. Dobson, Des Moines, judge.**  
**Jack 3 years or over—1, Dierling & Otto, Queen City, Mo., on Pride of Missouri; 2, Dierling & Otto, Queen City, Mo., on Otto Edgewater; 3, Dierling & Otto, Queen City, Mo., on Senator; 4, Wm. Crownover, on Otto, on Great Eastern.**

**Grand display—1, Dierling & Otto, Queen City, Mo.**

## Cattle.

### HEREFORD.

**Exhibitors—Ashby, J. B., Audubon, Ia.; Cassady, E. M. & Son, Whiting, Ia.; Cudahy, J. P., Belton, Mo.; Gibbons, O. S. & Son, Atlantic, Ia.; Mann & Mayne, Harlan, Ia.; Harris, O., Harris, Mo.; Hazlett, Robt., Eldorado, Kan.; Karr, Mrs. E. L., Osceola, Ia.; Kreischer, E. W., Mt. Vernon, Ia.; McCray, Warren T., Kentland, Ind.; Malden, B. F. & Son, Tama, Ia.; Tow, Cyrus A., Norway, Ia.; Van Natta, J. H. & Jno. W., Lafayette, Ind.**

**Frank Van Natta, Lafayette, Ind., judge.**  
**Bull 3 years or over—1, J. P. Cudahy, Belton, Mo., on Fairfax 16th; 2, Cyrus A. Tow, on Standard; 3, J. H. & Jno. W. Van Natta, on Tippecanoe; 4, Robt. H. Hazlett, Eldorado, Kan., on Beau Sturgess 2d; 5, Warren T. McCray, on General G; 6, O. S. Gibbons & Son, on General G.**

**Bull 2 years and under 3—1, O. Harris, Harris, Mo., on Prince Perfection; 2, J. P. Cudahy, Belton, Mo., on Corrector Fairfax; 3, J. P. Cudahy, Belton, Mo., on Donald Lad 7th; 4, Warren T. McCray, Kentland, Ind., on Byron Fairfax; 5, O. S. Gibbons & Son, Atlantic, Ind., on Good Lad; 6, Warren T. McCray, Kentland, Ind., on Perfect Fairfax.**

**Senior yearling bull—1, J. H. & Jno. W. Van Natta, on Graceful Lad 3d; 2, Robt. H. Hazlett, on Bonnie Lad 26th; 3, O. S. Gibbons & Son, on Carnot; 4, Warren T. McCray, on Protector Fairfax; 5, Hann & Mayne, Harlan, Ia., on Beau Perfection 9th; 6, Mrs. E. L. Karr, Osceola, Ia., on Beau Protector.**

**Junior yearling bull—1, O. Harris, Harris, Mo., on Prize Winner; 2, J. P. Cudahy, Belton, Mo., on Beau Fairfax; 3, J. H. & Jno. W. Van Natta, on Diamond Donald; 4, Cyrus A. Tow, on Perfection Jr.; 5, Robt. H. Hazlett, Eldorado, Kan., on Bocaldo; 6, O. Harris, on Panama Gay Lad; 7, O. S. Gibbons & Son, on Beau Patrick.**

**Senior bull calf—1, O. Harris, Harris, Mo., on Repeater 7th; 2, Cyrus A. Tow, on Dismora 3d; 3, J. H. & Jno. W. Van Natta, on Tippecanoe 7th; 4, Robt. H. Hazlett, on Beau Baltimore; 5, O. Harris, on Gay Lad**

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**Junior yearling bull—1, O. Harris, Harris, Mo., on Prize Winner; 2, J. P. Cudahy, Belton, Mo., on Beau Fairfax; 3, J. H. & Jno. W. Van Natta, on Diamond Donald; 4, Cyrus A. Tow, on Perfection Jr.; 5, Robt. H. Hazlett, Eldorado, Kan., on Bocaldo; 6, O. Harris, on Panama Gay Lad; 7, O. S. Gibbons & Son, on Beau Patrick.**

**Senior yearling bull—1, O. Harris, Harris, Mo., on Prize Winner; 2, J. P. Cudahy, Belton, Mo., on Beau Fairfax; 3, J. H. & Jno. W. Van Natta, on Diamond Donald; 4, Cyrus A. Tow, on Perfection Jr.; 5, Robt. H. Hazlett, Eldorado, Kan., on Bocaldo; 6, O. Harris, on Panama Gay Lad; 7, O. S. Gibbons & Son, on Beau Patrick.**

**Senior bull calf—1, O. Harris, Harris, Mo., on Repeater 7th; 2, Cyrus A. Tow, on Dismora 3d; 3, J. H. & Jno. W. Van Natta, on Tippecanoe 7th; 4, Robt. H. Hazlett, on Beau Baltimore; 5, O. Harris, on Gay Lad**

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**Senior bull calf—1, O. Harris, Harris, Mo., on Repeater 7th; 2, Cyrus A. Tow, on Dismora 3d; 3, J. H. & Jno. W. Van Natta, on Tippecanoe 7th; 4, Robt. H. Hazlett, on Beau Baltimore; 5, O. Harris, on Gay Lad**

**Junior yearling bull—1, O. Harris, Harris, Mo., on Prize Winner; 2, J. P. Cudahy, Belton, Mo., on Beau Fairfax; 3, J. H. & Jno. W. Van Natta, on Diamond Donald; 4, Cyrus A. Tow, on Perfection Jr.; 5, Robt. H. Hazlett, Eldorado, Kan., on Bocaldo; 6, O. Harris, on Panama Gay Lad; 7, O. S. Gibbons & Son, on Beau Patrick.**

## SHORTHORN.

**Exhibitors—Anoka Farms, Waukesha, Wis.; Bellows Bros., Maryville, Mo.; Burge, G. H., Mt. Vernon, Ia.; Ehlers, F. H., Tama, Ia.; Funke, Phillip, Greenfield, Ia.; Graham, W. E., Prairie City, Ia.; Harkelman, Wm., Elwood, Ia.; Johnston, W. A., Prairie City, Ia.; McClellan, C. L., Lowden, Ia.; McMillan, H. G. & Sons, Rock Rapids, Ia.; Martin, Theo., Bellevue, Ia.; Miller, J. H., Peru, Ind.; Nevius, C. S., Chiles, Kan.; Oloff, I. C., Ireton, Ia.; Powell, H. H. & Son, Linn Grove, Ia.; Rapp Bros., St. Edward, Neb.; Rookwood Farm, Ames, Ia.; Saunders, C. A., Manilla, Ia.; Sayer, Geo. J., McHenry, Ill.; Smith, Wm. M. & Sons, West Branch, Ia.; Thomas, E. E., Audubon, Ia.; Tietjen, D., Bellevue, Ia.; Veder, Geo. M., Churdan, Ia.; Vaughn, W. W., Marion, Ia.; Watts, R. E. & Son, Miles, Ia.; White & Smith, St. Cloud, Minn.; Wickersham, W. A., Melbourne, Ia.**

**Bull 3 years or over—1, Bellows Bros., Maryville, Mo., on Diamond Goods; 2, Geo. J. Sayer, on White Star; 3, R. E. Watts & Son, on Scotch Avon; 4, Theo. Martin, on Monarch Viceroy; 5, W. A. Wickersham, Melbourne, Ia., on Proud Robin; 6, Geo. M. Veder, Churdan, Ia., on Ringmaster.**

**Bull 2 years and under 3—1, Anoka Farms, on Sultan Stamp; 2, Rookwood Farm, on Count Avon; 3, H. H. Powell & Son, on King Cumberland 2d; 4, D. Tietjen, Bellevue, Ia., on Corrector; 5, H. G. McMillan & Sons, on Fair Knight 2d; 6, H. G. McMillan & Sons, on Fair Knight 2d.**

**Senior yearling bull—1, Anoka Farms, on Gloster Fashion; 2, G. H. Burge, on Silver Sultan; 3, H. G. McMillan & Sons, on Gay Lord; 4, D. Tietjen, on Major; 5, Phillip Funke, Greenfield, Ia., on Lavender King; 6, D. Tietjen, on The Governor.**

**Junior yearling bull—1, H. G. McMillan & Sons, on Bandmaster 2d; 2, R. E. Watts & Son, on Red Marshall 2d; 3, Rapp Bros., on Village Pride; 4, Wm. Harkelman, on True Cumberland 3d; 5, Theo. Martin, on Diamond Gloster.**

**Senior bull calf—1, Anoka Farms, Waukesha, Wis., on Gloster Line; 2, H. H. Powell & Son, Linn Grove, Ia., on Cumberland's Pride; 3, Anoka Farms, on Good Fashion; 4, Wm. Harkelman, on Village Cumberland; 5, W. E. Graham, Prairie City, Ia., on Scotch Goods; 6, Anoka Farms, Waukesha, Wis., on Clipper Stamp.**

**Cow 3 years or over—1, Geo. J. Sayer, on Fair Start 2d; 2, J. H. Miller, on New Year's Delight; 3, H. G. McMillan & Sons, on Columbia 10th; 4, G. H. Burge, on Florida; 5, Wm. Harkelman, on Sassy Violet 3d; 6, D. Tietjen, on Sally Morton; 7, F. H. Ehlers, on Fairy Queen.**

**Heifer 2 years and under 3—1 and 2, Geo. J. Sayer, on Mary Ann of Oakland 2d and Queen Mildred; 3, Anoka Farms, on Sultan's Aconite; 4, D. Tietjen, on Marshall's Missie; 5, Wm. Harkelman, on Bonnie Cumberland 2d; 6, H. G. McMillan & Sons, on Choice Gloster; 7, F. H. Ehlers, on Dora Malaka.**

**Senior yearling heifer—1, Geo. J. Sayer, on Mildred of Oakland; 2, F. H. Ehlers, on Orange Choice; 3, H. G. McMillan &**



Pride McHenry 100th; 3, W. J. Miller, on Metz Blackbird 8th; 4, R. M. Anderson & Son, on Key of Indianapolis 4th; 5, A. C. Binnie, on Abess of Alta 2d.  
 Junior yearling heifer—1, W. A. McHenry, Denison, Ia., on Coquette McHenry 27th; 2 and 3, W. J. Miller, on Katy Key Mura 2d and Metz Beauty 11th; 4, R. M. Anderson & Son, on Pride of Elchies 20th.  
 Senior heifer calf—1 and 2, W. A. McHenry, on Pride McHenry 108th and Pride McHenry 109th; 3 and 4, W. J. Miller, on Miss Barbara and Black Bird Woodson; 5, A. C. Binnie, on Krista Klo; 6, R. M. Anderson & Son, on Key of Indianapolis 5th.  
 Junior heifer calf—1, A. C. Binnie, on Blackcap of Alta 6th; 2, W. J. Miller, on Erin's Pride 2d; 3 and 4, R. M. Anderson & Son, on Jilt and Pride of Elchies.  
 Senior champion bull—A. C. Binnie, on Kloman.  
 Junior champion bull—W. A. McHenry, on Proud Thick Set.  
 Grand champion bull—A. C. Binnie, on Kloman.  
 Senior champion cow—W. J. Miller, on Barbara Woodson.  
 Junior champion cow—W. A. McHenry, on Pride McHenry 97th.  
 Grand champion cow—W. J. Miller, on Barbara Woodson.  
 Junior champion cow—W. A. McHenry, on Pride McHenry 97th.  
 Grand champion bull—A. C. Binnie, on Kloman.

# GALLOWAY.

Exhibitors—Croft, S. M. & Sons, Bluff City, Kan.; Hechter, C. S., Charlton, Ia.; Huff, A. O., Arcadia, Neb.; Straub Bros., Avoca, Neb.  
 Charles Escher, Jr., Botna, Ia., judge.  
 Bull 3 years or over—1, Straub Bros., on Marquis; 2, A. O. Huff, on Meadowlawn Crusader; 3, S. M. Croft & Son, Bluff City, Kan., on Gentleman Frank.  
 Bull 2 years and under 3—1, Straub Bros., on Choicemaster; 2, C. S. Hechter, on Fearnot of Maples; 3, A. O. Huff, Arcadia, Neb., on Captain Joe.  
 Bull 1 year and under 2—Straub Bros., Avoca, Neb., on Casino; 2, S. M. Croft & Son, Bluff City, Kan., on Midnight Signet; 3, C. S. Hechter, on Prince Favorite; 4, A. O. Huff, on Drydud.  
 Senior bull calf—1, C. S. Hechter, on Minnie's Favorite; 2, Straub Bros., on Monark; 3, A. O. Huff, on Byron Black; 4, S. M. Croft & Son, on Cazonet.  
 Junior bull calf—1, Straub Bros., on Handsome 4th; 2, C. S. Hechter, on Iva's Favorite; 3, A. O. Huff, on Port Wallril.  
 Cow 3 years or over—1, Straub Bros., on Ladylike; 2, S. M. Croft & Son, on Florence of Meadowlawn; 3, Straub Bros., on Modesty 2d; 4, A. O. Huff, on Capitaine; 5, C. S. Hechter, on Bessie of Maples.  
 Junior champion bull—Straub Bros., on Casino.  
 Grand champion bull—Straub Bros., on Choicemaster.

# Hogs.

## POLAND CHINA.

Exhibitors—Blackford, L. W., Hillsboro, Ia.; Akers, F. W., Laurel, Ia.; Barker, E. S., Doon, Ia.; Blake, R. R., Wauke, Ia.; Burge, G. H., Mt. Vernon, Ia.; Cope, J. H., Carlisle, Ia.; Corey, M. H., Lockridge, Ia.; Croxson, C. C., Atalissa, Ia.; Davis, J. I., Mt. Hamill, Ia.; Diers, H. H., St. Olaf, Ia.; Dowling, M. A., Reasner, Ia.; Fawcett, J. S. & Son, Springdale, Ia.; Fichtenmuller, R. H., Farmington, Ia.; Fleming, S., Stuart, Ia.; Halford, R. W., Manning, Ia.; Hassler, Fred H., Manning, Ia.; Hummerick, Chas. W., Atlantic, Ia.; Jacobson, D. H., Gilbert Sta., Ia.; Keeling, C. F., Avon, Ia.; Kool, A., Fildfield, Ia.; Kramer, Joe, Elkader, Ia.; Krumm, Chas. H., Postville, Ia.; Lake, P. B., Moscow, Ia.; Lauer, Henry, Eldorado, Ia.; Leahy, J. F., Parnell, Ia.; Lentz, Wm., Ankeny, Ia.; Lingenfelter, J. V., Altoona, Ia.; Lytle, A. J., Oskaloosa, Ia.; McFadden, S. G., West Liberty, Ia.; Marker, C. A., Tolono, Ill.; Marshall, G. F. & Son, Monroe, Ia.; Martin, Theo., Bellevue, Ia.; Mason, J. A., Carlisle, Ia.; Meekma, Jos., Monroe, Ia.; Maharry, J. E., Tolono, Ill.; Metzger, E. M., Fairfield, Ia.; Meyer, Jno. F., Newton, Ia.; Moore, F. H., Wiota, Ia.; Overton, Isaac, Knoxville, Ia.; Paul, D. H., Laurel, Ia.; Paul, F. G., Marshalltown, Ia.; Paul & Wil, son, Laurel, Ia.; Purvis, C. A., West Liberty, Ia.; Reed, S. R., Monticello, Ia.; Riddlesbarger, E. N., Dysart, Ia.; Rightmire, D. B., Monticello, Mo.; Risley, J. L., Ames, Ia.; Roberts, S. A., Knoxville, Ia.; Santman, Chas. L., Dysart, Ia.; Schwimly, P. F., Kalona, Ia.; Sexsmith, F. J., Orient, Ia.; Sievers, Fred, Audubon, Ia.; Whitacre & Son, West Liberty, Ia.; Wigstone Bros., Stanton, Ia.; Williams Bros., Villisca, Ia.; Wilson, E. C., West Liberty, Ia.; Winborn, J. T., Kalona, Ia.; Shaw, Mark L., Monroe, Ia.; Stone, Chas. H., Muscatine, Ia.; Swallow, W. Z., Wauke, Ia.; Thomas, R. W., St. Joseph, Mo.; Burford, L. C., Monticello, Mo.  
 Harvey Johnson, judge.  
 Boar 2 years and over—1, R. W. Halford, on Mabel's Wonder; 2, Fred Selver, on Big Wonder; 3, Henry Lauer, on Chief Prince Again 2d; 4, C. H. Krumm, on Krumm's Chief Prince; 5, G. F. Marshall, on Grant King.  
 Boar 18 months and under 2 years—1, J. E. Meharry, on Comptroller's Boy; 2, D. H. Paul and A. T. Wilson, Laurel, Ia., on High Ideal; 3, J. L. Bisley, on Great Wonder; 4, J. F. Leahy, on Key West; 5, F. G. Paul, on Big Bone's Wonder.  
 Boar 1 year and under 18 months—1, S. A. Roberts, on A Model; 2, Fred H. Hassler, on Fashion's Chief; 3, S. R. Reed, on Choice Look 2d; 4, J. E. Meharry, on Banker's Model; 5, Henry Lauer, on Lauer's Crow.  
 Boar 6 months and under 1 year—1, Charles H. Crumm, on Chief I Know; 2, F. G. Paul, on Mastodon Hadley; 3, W. Z. Swallow, on Columbia Chief; 4, J. E. Meharry, on Perfect Banker; 5, J. R. Risley, on High Ball.  
 Boar under 6 months—1, E. S. Barker, on Mabel's Grant; 2, D. H. Paul; 3, Henry Lauer; 4, L. C. Burford, Monticello, Mo., on Monticello Boy; 5, Henry Lauer.  
 Sow 2 years or over—1, F. G. Paul, on Chief Modesty; 2, Wigstone Bros., on Black Maid; 3, J. E. Meharry, on Louise Harvester; 4, F. W. Akers, on Hadley's Lady Prince; 5, Wigstone Bros., on Hunt's Grant-ess.  
 Sow under 6 months—1, E. S. Barker, on Jessie's Best; 2, S. R. Reed, on Miss May 1st; 3, E. S. Barker, on Doon Gentle Jessie 2d; 4, Henry Lauer; 5, D. B. Rightmire, Monticello, Mo.  
 Sow over 18 months and under 2 years—1, Joe Kramer, on Val's Spellbinder; 2, J. E. Meharry, on Nannie 4th; 3, F. G. Paul, on Balanced Queen; 4, F. G. Paul, on Jumbo's

Perfection; 5, F. W. Akers, on Superior Maid.

Sow 1 year and under 18 months—1, J. E. Meharry, on Louise Model; 2, J. E. Meharry, on Bashful Model; 3, F. G. Paul, on Smooth Giantess; 4, D. H. Paul, on Spell's Best; 5, M. H. Corey, on Bonnie U. S.

Sow 6 months and under 1 year—1, J. E. Meharry, on Perfect Model; 2, Meharry, on Perfect Model 2d; 3, E. M. Metzger, on Long Queen; 4, J. F. Leahy, on Ebnight; 5, D. B. Rightmire, on Queen Bess; HC. F. W. Akers, on Lady Price Again; C. E. Metzger, on Lady Samson.

Boar and 3 sows under 1 year, bred by exhibitor—1, J. E. Meharry; 2, E. M. Metzger; 3, J. F. Leahy; 4, D. B. Rightmire; 5, D. H. Paul; HC. F. G. Paul.

Boar and 3 sows under 1 year, bred by exhibitor—1, J. E. Meharry; 2, E. M. Metzger; 3, E. S. Barker; 4, J. F. Leahy; 5, D. B. Rightmire.

Produce of sow—1, J. E. Meharry, on Perfection Lady 2d's pigs; 2, E. M. Metzger, on Big Queen's pigs; 3, E. S. Barker, on Gentle Jessie; 4, D. B. Rightmire, on Marie; 5, Henry Lauer, on Mollie Fair Again.

Boar pigs under 6 months—1, E. S. Barker, on Mabel's Grant; 2, Henry Lauer, West Union, Iowa, on Again Chief Price; 3, L. C. Burford & Sons, Monticello, Mo., on Monticello Boy.

Sow pigs under 6 months—1, E. S. Barker, on Jessie's Best; 2, S. R. Reed, Monticello, Ia., on Miss May 1st; 3, E. S. Barker, on Gentle Jessie 2d; 4, Henry Lauer, Eldorado, Ia., on Mollie L. B.; 5, D. B. Rightmire, Monticello, Mo., on Independence; 6, F. G. Paul, on Big Modesty; 7, W. Z. Swallow, on Columbia 2d; 8, D. H. Paul, Laurel, Ia.; on Laurel Lass.

Four pigs from one litter—1, E. S. Barker; 2, Henry Lauer, Eldorado, Ia.; 3, W. Z. Swallow.

Boar and 3 sows over 1 year—1, J. E. Meharry, on Banker's Model 2d; 2, F. G. Paul; 3, D. H. Paul, Laurel, Ia.; 4, M. H. Corey, Lockridge, Ia.

Boar and 3 sows over 1 year, bred by exhibitor—1, J. E. Meharry, on Banker's Model 2d; 2, D. H. Paul, Laurel, Ia.; 3, M. H. Corey, Lockridge, Ia.

Senior champion boar—A. Roberts, Knoxville, Ia., on A Model.

Junior champion boar—C. H. Krumm, Postville, Ia., on Chief I Know.

Senior champion sow—J. E. Meharry, Tolono, Ill., on Louise Model.

Junior champion sow—J. E. Meharry, on Perfect Model.

Grand champion boar—A. Roberts, Knoxville, Ia., on A Model.

Grand champion sow—J. E. Meharry, on Louise Model.

## BERKSHIRE.

Exhibitors—Evans, C. A., Elliott, Ia.; Farmer Farm, Farmington, Minn.; Forsbeck, A. G., Gray, Ia.; Iowa Farms, Davenport, Ia.; McPherson, Forrest S., Stuart, Ia.; Rookwood Farm, Ames, Ia.; Thomas, E. B., Audubon, Ia.

N. H. Gentry, Sedalia, Mo., judge.  
 Boar 2 years or over—1, Rookwood Farm, Ames, Ia., on Rival's Champion Best; 2, The Farmer Farm, Farmington, Minn., on Julia's Duke; 3, Iowa Farms, Davenport, Ia., on Masterpiece Rival 2d; 4, A. G. Forsbeck, Gray, Ia., on King Baldee; 5, Iowa Farms, on Master Pub 2d.

Boar 1 year, under 18 months—1, Rookwood Farm, on Laurel Champion; 2, The Farmer Farm, on Sunrise Attraction; 3, Rookwood Farm, on Ames Rival 20th; 4, The Farmer Farm, on Sunrise Brilliant; 5, Iowa Farms, on Littleton Rivaler.

Boar 6 months, under 1 year—1, The Farmer Farm, on Robin's Baron Value; 2, F. S. McPherson, on Rob Roy 10th; 3, Iowa Farms, on Peerless Masterpiece; 4, C. A. Evans, on Correction's Duke; 5, C. A. Evans, on Corrector's Tod.

Boar under 6 months—1, The Farmer Farm; 2, Iowa Farms; 3, Iowa Farms; 4, A. G. Forsbeck.

Sow 2 years or over—1, Iowa Farms, on Robin's Girl; 2, Iowa Farms, on Rival's Black Girl 2d; 3, The Farmer Farm, on Robin's Corrector; 4, The Farmer Farm, on Rookwood's Lady 27th; 5, A. G. Forsbeck, on Baroness Oxford B.

Sow 18 months, under 2 years—1, Iowa Farms, on Value's Duchess 2d; 2, C. A. Evans, on Model Gem 251st.

Sow 1 year, under 18 months—1, Rookwood Farm, on Rival Lady 33d; 2, Iowa Farms; 3, The Farmer Farm, on Sunrise Attraction; 4, Iowa Farms, on Premier's Nora Lee 2d; 5, A. G. Forsbeck, on Black Rosebud 3d.

Sow 6 months, under 1 year—1, The Farmer Farm, on Robin's Baroness Value 3d; 2, The Farmer Farm, on Premier's Master Princess; 3, Iowa Farms, on Masterpiece Duchess; 4, F. S. McPherson, on Lady Stuart 6th; 5, F. S. McPherson, on Lady Stuart 7th.

Sow under 6 months—1, A. G. Forsbeck, on Black Diamond; 2, The Farmer Farm, Farmington, Minn.; 3, Iowa Farms, Davenport, Ia.; 4, Iowa Farms; 5, The Farmer Farm.

Senior champion boar—1, Rookwood Farm, on Rival's Champion's Best.

Junior champion boar—Farmer's Farm, Farmington, Minn.

Senior champion sow—Iowa Farm, on Robin's Girl.

Junior champion sow—Farmer's Farm, on Robin's Baroness Value 3d.

Grand champion boar—Rookwood Farm, on Rival's Champion Best.

Grand champion sow—Iowa Farms, on Robin's Girl.

Boar and three sows over 1 year—1, Rookwood Farm; 2, Iowa Farms; 3, Farmer Farm; 4, C. A. Evans.

Boar and three sows under 1 year—1, Farmer's Farm; 2, F. S. McPherson; 3, Iowa Farms; 4, C. A. Evans.

Boar and three sows over 1 year, bred by exhibitor—1, Rookwood Farm; 2, The Farmer Farm; 3, C. A. Evans, on Correction's Best.

Boar and three sows under 1 year, bred by exhibitor—1, Farmer's Farm; 2, F. S. McPherson; 3, Iowa Farms; 4, C. A. Evans.

Produce of sow—1, Rookwood Farm; 2, Farmer's Farm; 3, F. S. McPherson; 4, Iowa Farms; 5, C. A. Evans.

## DUROC-JERSEYS.

H. F. Hoffman, Washta, Ia., judge.  
 Boar 2 years or over—1, Cotta & Williams, Galesburg, Ill., on Prince Educator; 2, R. J. Harding, Macedonia, Ia., on Col. Gano; 3, Hosea Wilson, Blair, Neb., on Cedar Hill Chief; 4, H. S. Allen, Russell, Ia., on Crimson Chief Again; 5, J. H. Ferris, New Providence, Ia., on Keep On Jim.

Boar 18 months, under 2 years—1, Waltemeyer Bros., Melbourne, Ia., on High Model;

2, Keeper Bros., Bellevue, Ia., on Ames Col.; 3, H. E. Browning, Hersman, Ill., on Defiance; 4, A. P. Alsins, Boone, Ia., on Muncie's Last; 5, Lester Barton, Blair, Neb., on Jumbo Medoc.

Boar 1 year, under 18 months—1, Waltemeyer Bros., on High Chief; 2, Hanks & Bishop, New London, Ia., on Wonder's Model; 3, Waltemeyer Bros., on Golden Model 30th; 4, Hackett & Ashby, on Crim-son Model; 5, O. E. Osborn, Weston, Ia.

Boar 6 months, under 1 year—1, Waltemeyer Bros., on Chief Model; 2, Waltemeyer Bros., on Golden Colonel; 3, S. W. Stewart & Sons, Kennard, Neb., on Sensa-tion's Wonder; 4, Hackett & Ashby, Man-ning, Ia., on Colonel S. E.

Sow over 2 years—1, E. W. Davis & Co., Glenwood, Mo., on Chief's Maid; 2, H. E. Browning, Hirschman, Ill., on Happy Dream; 3, E. W. Davis & Co., on Ohio Queen; 4, H. E. Browning, on McS Green; 5, Hanks & Bishop, New London, Ia., on Jewel's Model.

Sow 18 months, under 2 years—1, H. A. Allen, Russell, Ia., on Lady Again; 2, Hock-ett & Ashby, Manning, Ia., on Goldie's Model; 3, George Gawley, Irwin, on Nera Wonder; 4, Waltemire Bros., Melbourne, Ia., on Fancy Wonder 3d; 5, R. J. Harding, Macedonia, on Protection Lady.

Sow 1 year, under 18 months—1, Hanks & Bishop, on Belle's Model; 2, Waltemire Bros., on Ohio Queen Again; 3, Waltemire Bros., on Queen Wonder; 4, Van Meter and Caldwell, on Lee's Delight; 5, Hockett & Ashby, on Bessie Defender 2d.

Sow 6 months, under 1 year—1, F. H. Allen, Tobias, Neb., on Crimson Lady; 2, Waltemire Bros., on Wild Eyes; 3, Waltemire Bros., on Golden Queen 22d; 4, Hockett and Ashby, on Golden Floss; 5, Hanks and Bishop, on Lucile Model.

## CHESTER WHITE.

Exhibitors—Andrews & Son, A. D., New London, Ia.; Barr & Rae, Ames, Ia.; Boyer, B. M. & Sons, Farmington, Ia.; Brendel, J. W., Zionsville, Ind.; Crawford, Reed, Libertyville, Ia.; DeBar, Geo. W., Aurora, Ia.; Dunbar, W. H., Jefferson, Ia.; Dun-kerton, F. O., Dunkerton, Ia.; Kent, Thos. F., Walnut, Ia.; Lasley, Geo. A., Selma, Ia.; Lewis, D. H., Geneseo, Ill.; Laughridge, J. A., Delta, Ia.; McLaughlin, M., Nevada, Ia.; Michael, Will, Selma, Ia.; Nagle, L. E., Deep River, Ia.; Perry, J. T., Selma, Ia.; Read, F. E. & Son, Galena, Ill.; Sackmiller, J. H., Webster City, Ia.; Schulze, Otto B., Nashville, Mich.; Seelye, W. W., Stuart, Ia.; Sheridan, Patrick H., West Side, Ia.; Somerville, A. B., Monroe, Ia.; Spear, Arthur, Wellman, Ia.; West, L. C., Dallas Center, Ia.; Whitted, Wm., Monroe, Ia.; Barber, G. H., Marble Rock, Ia.

N. H. Gentry, Sedalia, Mo., judge.  
 Boar 2 years or over—1, D. H. Boyer & Sons, on Sweepstake; 2, Barr & Rae, Ames, Ia., on Chickasaw Choice; 3, P. H. Sheridan, West Side, Ia., on Allright; 4, Thos. H. Kent, Walnut, Ia., on Iowa Protection; 5, D. H. Lewis, Geneseo, Ill., on Right Lad.

Boar 18 months, under 2 years—1, Will Michael, on Charmer; 2, Thos. F. Kent, on White Boy; 3, A. D. Andrews & Son, on Pioneer Chief.

Boar 1 year, under 18 months—1, W. H. Dunbar, on Medler; 2, E. L. Nagle & Son, on Col. Evans; 3, Arthur Spear, on Modeler S.; 4, T. F. Kent, on Combination A.; 5, Barr & Rae, on B. & R. Model.

Boar 6 months, under 1 year—1, D. H. Lewis, on Elmo King; 2, D. H. Lewis, on Elmo King 2d; 3, F. O. Dunkerton, on Fox; 4, E. L. Nagle & Son, on Captain; 5, Arthur Spear, on Silver King.

Boar under 6 months—1, B. M. Boyer & Sons, Farmington, Ia.; 2, Will Michael, Selma, Ia., on Chalmers 2d; 3, D. H. Lewis, Geneseo, Ill., on Teddy; 4, F. E. Read & Son, Galena, Ill.; 5, F. E. Read & Son.

Sow 2 years or over—1, Barr & Rae, Ames, Ia., on Lenora 3d; 2, Thos. F. Kent, Walnut, Ia., on Iowa Production; 3, D. H. Lewis, Geneseo, Ill., on Mollie; 4, T. F. Kent, on Iowa Bessie; 5, A. D. Andrews & Son, on White Rose.

Sow 18 months, under 2 years—1, Thos. Kent, on Kent's King; 2, D. H. Lewis, on Ruby; 3, W. H. Dunbar, on Grace E.; 4, A. D. Andrews & Son, on Big Duchess; 5, G. A. Lasley, Selma, Ia., on Mazie.

Sow 1 year, under 18 months—1, W. H. Dunbar, on H. Lenora 2d; 2, D. H. Lewis, on Esther; 3, Thos. F. Kent, on Iowa Agnito; 4, Barr & Rae, on Larch Rose; 5, D. H. Lewis, on Edith.

Senior champion boar—D. M. Boyer, on Sweepstake.

Junior champion boar—D. H. Lewis, on Elmo King.

Senior champion sow—Barr & Rae, on Lenora 3d.

Junior champion sow—E. L. Nagle & Son, on Midget.

Grand champion boar—D. H. Lewis, on Elmo King.

Grand champion sow—Barr & Rae, on Lenora 3d.

## HAMPSHIRE.

Exhibitors—Beckendorf, J. E., Walnut, Ia.; Brinigar, W. J., Blythedale, Mo.; Brook, C. A., Washington, Ia.; Chaney, Willis O., Eldora, Ia.; Essig, Willie, Tipton, Ind.; James, Perry C., Sciota, Ill.; McCandless, E. S., Thurman, Ia.; Martin, Isom, Lancaster, Mo.; Maxwell & Spangler, Creston, Ia.; Messenger, Clayton, Keswick, Ia.; Nissen, J. H., Lyons, Ia.; Quire, F. T., Sully, Ia.; Strever, D. E., Hinckley, Ill.; Sharp, Mike & Son, Coal Valley, Ill.; Tanner, F. O., Brownsdale, Minn.

A. L. Goodenough, Morrison, Ill., judge.  
 Boar 2 years or over—1, Clayton Messen-ger, on Messenger Boy; 2, Willie Essig, on Compeer; 3, J. E. Beckendorf, on Lad For Me; 4, I. Martin, Lancaster, Mo., on Gen-eral Tipton; 5, W. J. Brinigar, Blythedale, Mo., on Blythedale Duke.

Sow 2 years or over—1, Mike Sharp & Sons, on Goldy; 2, Clayton Messenger, on Silvia; 3, Willie Essig, on Utility Lass; 4, W. J. Brinigar, on Blythedale Princess; 5, J. H. Nissen, on Clinton's Best.

Senior champion boar—Clayton Messenger, on Messenger Boy.

Junior champion boar—Willie Essig, on Direct View.

Senior champion sow—Mike Sharp & Sons, on Goldie.

Junior champion sow—Willie Essig, on Vedo.

Grand champion boar—Clayton Messenger, on Messenger Boy.

Grand champion sow—Mike Sharp & Sons, on Goldie.

It is not a bad plan to put away a load of wheat bundles now to furnish work for the layers next winter.

## Get the Germs Before They Grow Into Worms



THAT'S the horse sense method of preventing hog troubles. To wait until the germs taken into a pig's alimentary tract grow into worms means to not only lose the benefit of the feed consumed, but a stunted hog that is an easy prey to all diseases.

Such a hog breeds contagious disease and endangers the whole herd. You are forced to resort to "cure," a very uncertain method with hogs, as you know.

PREVENT—that's the modern method. "The Stitches in Time." An ounce of Red Devil Lye Prevention is worth cans and cans of cure.

Get Our Book "PREVENT." It tells the complete story of the Prevention Method. In writing for this book send the names of your neighbors; we will send this book to them with your compliments.

## Red Devil Lye

is in large, full-packed cans which are sold by Grocers, Druggists and Feed Dealers everywhere at 10c. per can.

Ask For RED DEVIL LYE.

WM. SCHIELD MFG. CO., Dept. F, ST. LOUIS, MO.

## CACTUS

### Apply Cactus Corn Callous Compound

as below and presto, that annoying corn, bunion or calous has gone.

25c at All Drug-gists, or the CACTUS REMEDY CO., KANSAS CITY, MO.



## MAYOR'S WALNUT OIL HAIR DYE



Recolors gray hair or beard to all shades desired from light brown to black within 24-48 hours. A high class, meritorious, harmless and cleanly com-pound; very simple, easily applied, quick and sure. Does not stain the skin or scalp or rub off on the pillow, keep-ing the hair soft and glossy, that curling with hot iron or shampooing will not affect. If skeptical send for TESTI-MONIALS from DRUGGISTS, HAIR-DRESSERS or INDIVIDUALS selling or using our remedy. Ask your druggist for it or write us direct. Price post-paid by mail: trial size 60c; large treble size, \$1.10. Address MAYOR WALNUT OIL CO., Dept. Z. V. O., 2827 Wyandotte St., Kansas City, Mo., U. S. A.

## ECZEMA

CAN BE CURED. My mild, soothing, guaranteed cure does it and FREE SAMPLE proves it. STOP THE ITCHING and cures to stay. WRITE NOW—TODAY. DR. CANNADAY, 235 Park Square, Sedalia, Mo.

**BINDER** Attachment with Corn Harvester cuts and throws in piles on harvester or winrows. Man and horse cuts and shocks equal with a Corn Binder. Sold in every state. Price \$20.00. W. H. BUXTON, of Johnston, Ohio, writes: "The Harvester has proven all you claim for it; the Harvester saved me over \$25.00 in labor last year's corn cutting. I cut over 500 shocks; will make 4 bushels corn to a shock." Testimonials and catalog free, showing pictures of harvester. Address NEW PROCESS MFG. CO., SALINA, KANSAS.



## Horse Book FREE

Dogs—with tested and proved remedies. Part 2 contains Prof. Gleason's famous System of Horse Breaking, Training and Training. Gleason's marvelous skill in training and breaking horses is known throughout the entire world and he is considered the world's greatest authority in this field.

Our Great Offer! By a special arrangement direct with the publishers we are able for a limited time to offer "Gleason's Horse Book" absolutely free—postage prepaid—to all who send 50c to pay for a 6-months—new or renewal—subscription to our big farm weekly. Send your name and 50c at once. Mail and Breeze, Dept. H-10, Topeka, Kansas



## FARMERS CLASSIFIED PAGE.

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

### HORSES, CATTLE, HOGS, SHEEP.

FOR a "High Roller" Jersey bull about ready for service, write Chester Thomas, Waterville, Kan.

SHROPSHIRE—Rams and ewes for sale. All registered; prices reasonable. J. M. Shetlar, Moran, Kan.

FOR SALE—Registered Shropshire rams and ewes; also Scotch collie puppies. W. T. Hammond, Portis, Kan.

REGISTERED Merlins, wonderful heavy shearers, 75 ewes, 25 rams, also 2 herd rams. R. E. Botts, Meadville, Mo.

POLLED HEREFORDS—One good two-year-old polled bull for sale; 5 yearling heifers horned, sired by polled bull; also spring bull and heifer calves and some cows; best of breeding. Write me at once. Ben Anderson, Knox City, Mo., Knox Co.

### SEEDS AND NURSERIES.

ALFALFA seed at \$6 per bushel. J. Mulhall, Sioux City, Ia.

KHARKOF WHEAT—Extra fine pure Kharkof for sale at \$1.25 per bushel. R. C. Obrecht, Topeka, Kan., Rt. 7.

ALFALFA SEED—First class grade alfalfa seed for sale. For prices and sample address David Badger, Eureka, Kan.

ALFALFA SEED—Upland non-irrigated alfalfa seed, free from weed seed, \$3.00 per bu. Sacks 25 cts. G. A. Chapin, Belleville, Kan.

BEST timothy seed, alfalfa seed, Kharkof and Red Turkey seed wheat at farmers' prices. Brown County Seed House, Hiawatha, Kan.

SWEET CLOVER seed for sale, best variety. Crop made here this year from \$50.00 to \$100.00 per acre. Chas. I. Zirkle, Garden City, Kan.

WE ARE always in the market for alfalfa seed. Submit samples when any to offer. Binding-Stevens Seed Co., Tulsa and Muskogee, Okla.

GINSENG and Golden Seal! Enormous profit. Free circular tells how; big book 4c. 40 breeds "bred-to-day" poultry. Harry E. Ruble, Albert Lea, Minn.

SEED RYE AND ALFALFA SEED—New rye 85c bu. New cleaned, non-irrigated home grown alfalfa seed \$6.50, \$7.50, \$8.40 and \$9.00 per bu., sack extra. Sample on request. The L. C. Adam Merc. Co., Cedar Vale, Kan.

ALFALFA SEED—Offer No. one alfalfa seed \$9.00, No. 2 \$6.00 bu., delivered at station in state. Sack free. Sample sent on request. No. 2 seed will give good stand, fifteen pounds per acre. L. A. Jordan, Winona, Kan.

KHARKOF seed wheat. Raised on upland. Averaged from 30 to 40 bu. per acre. College inspected. Recleaned and graded. \$1.50 per bu. including new sack, f. o. b. Rock Island or Santa Fe. Car lots cleaned but not sacked at \$1.10. C. W. Taylor, Pearl, Kan.

### FOR SALE.

FOR SALE—Engrave name on knife blade and harness outfit 10c. Reichart Electro Mfg. Co., Lafayette, Ind.

43 VARIETIES, poultry, ferrets, pigeons; special prices on young stock. Catalogue 3 cents. Missouri Squab Co., St. Louis.

15 JEWEL Elgin or Waltham watch in three ounce silver case, open face, \$6.45 and 17 Jewel for \$7.50. Richardson, Jeweler, Caldwell, Kan.

ELEVATOR—New, modern, 16,000-bushel capacity, located in corn belt N. E. Kansas; no opposition; crop conditions never better. C. E. Tinklin, Corning, Kan.

FOR SALE—Complete millinery stock; beautiful winter goods, carpet, chandeliers, mirrors, fixtures. Price \$400. Address T. S. F., care Mail and Breeze.

580 A. stock and grain farm, well watered, fair improvements, owner old, \$10,000 left on place if desired, \$60 per a. R. F. McCune, Princeton, Kan., R. F. D. No. 1.

FOR SALE—Why farm when you can buy store in northeastern Kansas for \$7,500 that pays owner \$100 month salary and nets \$1,500, besides stock of groceries, shoes, dry goods, notions, etc. Would take northeastern Kansas land up to \$4,000. Address K., care Mail and Breeze.

### FOR EXCHANGE.

TRADE merchandise for wheat land in Oklahoma, north Texas Panhandle or Kansas. H. C. Hull, 904 Center, Des Moines, Iowa.

WANT TO EXCHANGE for general merchandise. Good bottom farm 240 acres three miles west of Howard, or will sell at a bargain. Prefer deal with owner. W. M. Crooks, Howard, Kan.

FOR SALE OR TRADE—160 improved farm, 2 miles town. Box 94, Dodge City, Kan.

### LANDS.

HOMESTEADS—special information. Riverside Kolona, Harrison, Ark.

COME to the Solomon valley where "corn is king." Special bargain improved 160 acre farm. J. H. King, Cawker City, Kan.

FOR SALE—247 1/2 acres fine corn, wheat and alfalfa farm, 4 miles Cortland, fair improvements. W. A. Beck, Scandia, Kan.

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

75 ACRES, near station, cream of the Ozarks, on Elk river, McDonald Co., Mo. Bargain. \$25. Write for full description. A. F. Butler, Ft. Scott, Kan.

CASS CO., MO., farm bargains. Rich soil, well improved, 45 miles of Kansas City. \$50.00 to \$80.00 per acre. Write for list. J. E. Tannehill, Garden City, Mo.

WILL SELL all or part of choice 480 a. south part Gray Co., near new railroad. Improved. Terms. Address owner, Harper Fulton, Route 5, Ft. Scott, Kan.

CAREY ACT and deeded irrigated lands, \$40 an acre. Eight year payments, unlimited water. Fares refunded purchasers. Wyoming Development Co., Cheyenne, Wyo.

BEST land bargains in the great state of Kansas, in Smith and Osborne counties. Garden spot of the world for corn, alfalfa and wheat. Write for description. H. A. Turner, Portis, Kan.

PECOS VALLEY irrigable lands; alfalfa fruit orchard of the South, Reeves county awarded first premiums world's fair, St. Louis, for sale. P. H. Goodroe, 110 W. Ninth St., Fort Worth, Texas.

DELIGHTFUL OREGON: Famous Sutherland Valley orchard lands offer wonderful opportunities. Illustrated literature, maps, prices and particulars free. Luse Land & Development Company, Ltd., St. Paul, Minnesota.

16,000 ACRES extra fine wheat, corn and alfalfa land in Wallace county, Kansas; must be sold before January 1st to settle estate; will divide in tracts of 160 acres or more. Write for particulars. O. K. Henderson Inv. Co., 629 Rialto Bldg., Kansas City, Mo.

FOR SALE—10,500 acres rich black lands, miles of sea frontage, good harbor, an ideal summer resort, north of Vancouver, B. C., only \$15.00 per acre now. British Columbia and California lands, in tracts, fertile and low priced. J. G. Fitz Gerald, 1203 Berendo St., Los Angeles, Calif.

COLORADO'S finest land. Under irrigation system costing \$700,000, good water rights. This land is on the main line of the Burlington, 60 miles from Denver. Deeded land \$15.00 to \$25.00 per acre; relinquishments \$3 to \$10 per acre. Now is the time to invest. Wiggins Townsite Company, Wiggins, Colorado.

GET YOUR Canadian home from the Canadian Pacific. Why farm on high-priced, worn out lands? Go to the rich virgin soil of Western Canada. Fine irrigated or non-irrigated lands from \$10 to \$30 an acre. Write for booklets on Manitoba, Saskatchewan and Alberta. G. M. Thornton, Colonization Commissioner, Canadian Pacific Railway, 112 West Adams street, Chicago.

OREGON and Southern Washington. Write before investing or coming West, so you can learn the facts about the Oregon country, its attractive climate and its agricultural and other opportunities. Official information gathered and vouched for by over 150 commercial organizations and by Oregon State Immigration Commissioner will be sent free on request; all inquiries answered in painstaking detail. For full information write to Room 637 Portland Commercial Club, Portland, Oregon.

### FARMS FOR SALE.

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

### FARM WANTED.

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

FARMS WANTED. We have direct buyers. Don't pay commission. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 23 Palace Bldg., Minneapolis, Minn.

### DOGS.

SCOTCH collie female puppies very cheap. Box 66, Inman, Kan.

SCOTCH COLLIE puppies, Western Home Kennels, St. John, Kan.

BULL PUPS—Also choice coach pups. D. H. Bibens, Garfield, Kan.

THOROUGHbred Scotch collie pups for sale. W. H. Smee, Zurich, Kan.

PEDIGREED collie puppies. Males \$6.00. Females \$4.00. S. C. Gardner, La Harpe, Kan.

FOR SALE—Collie pups, eligible to registry; from fine stock. Beiden Bros., Hartland, Kan.

FOR SALE—Thoroughbred Scotch collies; \$5 apiece. Inquire A. M. Melton, 812 Fattie Ave., Wichita, Kan.

### MALE HELP WANTED.

GOVERNMENT WANTS HELP. Write for list of positions open. Franklin Institute, Dep't F 55, Rochester, N. Y.

GOVERNMENT farmers wanted. \$60 monthly. Examination Oct. 16. Many needed. Write Ozmest, 38F, St. Louis.

WANTED—Immediately, men and women for government positions. Fall examinations everywhere. Prepare now. Trial examination free. Write Ozmest, 38, St. Louis.

WANTED—Thirty young men to learn Telegraphy and accept position in station service on the Union Pacific Railroad. Address R. H. Pentz, Supervisor, Kansas City, Mo.

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

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

LOCAL REPRESENTATIVE WANTED. Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. Address E. R. Marden, Pres. The National Co-Operative Real Estate Company, L157 Marden Building, Washington, D. C.

### AGENTS WANTED.

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

COUNTY AGENTS—We have a machine that brings water from well, cistern or stream into house same as city water works. For information address A. D. Scott, Grand Avenue Temple, Kansas City, Mo.

WANTED—Five general agents in the state of Oklahoma. Mail application giving detailed information concerning past record with one bank reference. Circulation Department, Farmers Mail and Breeze, Topeka, Kansas.

### WANTED.

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

MEN AND WOMEN WANTED for government jobs. \$80.00 month. Write for list of positions open. Franklin Institute, Dep't F 55, Rochester, N. Y.

WANTED—Reliable party to erect elevator in town of 1,200 having only one elevator. Immense corn crop to put on market this fall. For further information address Mayor of Coweta, Okla., Waggoner Co.

EXPERIENCED German farmer wanted to take 400 acre orchard and stock farm in Arkansas on shares. Ideal climate, good neighbors and schools. Splendid farm. Address W. R. Draper, owner, 924 Baltimore Ave., Kansas City, Mo.

WANTED: MEN AND WOMEN; for government positions. \$80.00 month. Annual vacations. Short hours. No "layoffs." Common education sufficient. Over 12,000 appointments coming. Influence unnecessary. Farmers eligible. Send postal immediately for free list of positions open. Franklin Institute, Dep't F 55, Rochester, N. Y.

### FEMALE HELP WANTED.

WOMEN AND GIRLS wanted to sell our up-to-date line of beautiful Post Cards; very latest styles; enormous demand; our agents make \$2 to \$6 a day in spare time; no talking or peddling necessary; our special copyrighted selling plan and a big package of beautiful samples for only 2 cts. to pay mailing expense if you mean business. Butler Post Card Co., 65 Capital Block, Topeka.

### SALESMEN WANTED.

SALESMAN wishing to earn three to five dollars per day, write for terms. First National Nurseries, Rochester, N. Y.

### PATENTS.

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

PATENTS THAT PAY. \$492,530 made by clients. 2 books—"What and How to Invent—Proof of Fortunes in Patents" and 112-p. Guide free! E. E. Vrooman, Pat. Atty., 885 F St., Wash., D. C.

### MISCELLANEOUS.

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

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

COOPER AND HOPPER, honey producers. Extract honey in 60 pound cans two in a case \$10.00. Cooper & Hopper, La Junta, Colo.

GOING TO BUILD? We can save you money on your lumber bill. Prices and particulars free. Send address on postal. Keystone Lumber Company, Tacoma, Wash.

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

IF YOU WANT to send a Kansas paper to your friends, subscribe for the Kansas Weekly Capital—a whole year for only 25 cents. All the Kansas and Topeka news of the Daily Capital boiled down. The best weekly newspaper in the U. S. for the money. Address Kansas Weekly Capital, Dept. 14, Topeka, Kan.

FREE ILLUSTRATED BOOK tells about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet A68. No obligation. Earl Hopkins, Washington, D. C.

BUSINESS CHANCE open for middle aged man with good reputation and ability. Would require an investment of \$10,000 to \$15,000, which would take half interest in established real estate and loan business in one of the best towns in Kansas. This money would not be invested in blue sky but would take a one-half interest in approximately \$25,000 in good salable real estate in the town and county. I need a good man as partner, business will pay not less than \$2,500 a year each. Address O. H. McQuary, Jr., Lawrence, Kan.

### A Mistake and Its Correction

WRITTEN FOR OUR FOLKS.

This year, J. L. Darst, a friend and reader of the Mail and Breeze, at Huron, in Brown county, got an average yield of 41 bushels of wheat from 13 1/2 acres on which for six years previous he had never been able to get more than half a crop. His account of how the 13 1/2 acres was handled is interesting and informing. He has written it out for the Mail and Breeze folks as follows:

In the first place I had 24 acres of ground that was in oats about seven years ago. I did not get a chance to fall-plow this piece of ground, consequently there was an immense growth of crabgrass on it and in the spring about the time the frost went out I

burned it off. The consequences were, I have never raised more than half a crop on 13 1/2 acres of this land until this year. The rest of this field I seeded to clover and let stand for two years and then plowed the clover up and now it is producing good crops. I also seeded this 13 1/2 acres I had in wheat this year, but failed to get a stand. Last year I had it in oats and only got 226 bushels.

Last fall or the latter part of July I covered about half of this ground, that was on an east slope, with manure and plowed it the forepart of August. We plowed from 6 to 7 inches deep and about September began harrowing and kept harrowing every few days. I think I harrowed five times until I had it in first-class shape. I sowed this

piece of wheat about September 15 with seed wheat I got from Barton county, pure Kharkof, and drilled it in with old-fashion Gundlach drill. I started in at 1 bushel per acre and increased every few rods until I finished at 1 1/2 bushels per acre. Seemingly I could tell no difference in it, the part that only had 1 bushel per acre was apparently as good as where I sowed a bushel and a half. This wheat was harrowed well this spring. One point where it was pretty badly frozen out I harrowed twice.

I threshed 556 bushels of wheat from this 13 1/2 acres, or a little over 41 bushels per acre.

Pretty good, I call it, for a piece of ground that has not produced a crop for several years. I believe burning this

immense fall growth off of this ground greatly damaged the production of it.

### Beekeepers at Hutchinson Fair

A meeting of Kansas beekeepers, to begin Thursday, September 19, will be held at Hutchinson during the State Fair. C. P. Dadant, one of the greatest authorities on bees, will take part in the program. O. A. Keene, secretary, writes this should not be mistaken for the regular annual meeting of the Kansas State Beekeepers' association. That will be held in January at Topeka.

### GET A U. S. GOVERNMENT JOB.

If interested write to Franklin Institute, Dept. F 177, Rochester, N. Y., for free list of Government positions open.



## WHAT BREEDERS ARE DOING

**FRANK HOWARD,**  
Manager Livestock Department.

### FIELDMEN.

A. B. Hunter, Kansas and Oklahoma, 410 East Williams street, Wichita, Kan.  
J. W. Johnson, Beloit, Kan., Kansas and Nebraska.  
C. H. Walker, Kansas, Missouri and Nebraska, 1015 Central, Kansas City, Mo.  
Geo. W. Berry, E. Kansas and Southern Missouri, Capper Bldg., Topeka, Kan.  
Grant Gaines, Iowa, 334 Chamber of Commerce Bldg., Omaha, Neb.  
G. E. Hall, Nebraska, 334 Chamber of Commerce Bldg., Omaha, Neb.  
H. W. Graham, Iowa and Illinois, Chillicothe, Mo.  
E. R. Dorsey, Girard, Kan.

### PUREBRED STOCK SALES.

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

### HORSES, JACKS AND JENNETS.

Sept. 20—J. L. Hodges & Son, Lincolnville, Kan.

#### Percheron Horses.

Oct. 25—T. H. Well, Blairtown, Ia.  
Dec. 17—Lee Brothers, Harveyville, Kans., at Manhattan, Kans.

#### Poland China Hogs.

Sept. 10—A. B. Campbell, Geary, Okla.  
Sept. 26—J. H. Brown, Oskaloosa, Kan.  
Oct. 8—J. D. Spangler, Sharon, Kan.  
Oct. 8—T. J. Meisner, Sabetha, Kan.  
Oct. 9—Herman Groninger & Sons, Bendena, Kan.  
Oct. 11—Thos. Murphy & Sons, Corbin, Kan.  
Oct. 15—H. C. Graner, Lancaster, Kan.  
Oct. 16—H. B. Walter, Effingham, Kan.  
Oct. 16—Harry Wales, Peculiar, Mo.  
Oct. 17—H. C. Lookabaugh, Watonga, Okla.  
Oct. 18—W. E. Long, Meriden, Kan.  
Oct. 19—Thos. F. Walker & Son, Alexandria, Neb.  
Oct. 19—C. L. Branle, Hiawatha, Kan.  
Oct. 22—Jno. W. Noll, Winchester, Kan.  
Oct. 23—E. C. Logan, Beloit, Kan.  
Oct. 24—L. E. Klein, Zeandale, Kan.  
Oct. 24—J. R. Mingle, Anthony, Kan.  
Oct. 25—J. Hartman, Elmo, Kan.  
Oct. 26—R. B. Davis, Hiawatha, Kan.  
Nov. 1—Walter Hildwein, Fairview, Kan.  
Nov. 1—J. E. Willis, Prairie View, Kan.  
Nov. 1—Dr. Jno. Gildow & Sons, Jamesport, Mo.  
Nov. 2—E. J. Manderscheid, St. John, Kan.  
Nov. 2—J. H. Hamilton & Son, Guide Rock, Neb.  
Nov. 9—A. C. Lobough, Washington, Kan.  
Nov. 9—Lomax & Sturtevant, Leona, Kan.  
Nov. 13—Herman Groninger & Sons, Bendena, Kan.  
Nov. 15—W. M. Watt & Sons, Green City, Mo.  
Nov. 27—F. W. Comfort, Cawker City, Kan.  
Dec. 11—H. C. Graner, Lancaster, Kan.  
Jan. 30—C. W. Jones, Solomon, Kan.  
Feb. 5—J. L. Griffiths, Riley, Kan.  
Feb. 6—H. Fesenmeyer, Clarinda, Ia.  
Feb. 15—L. E. Holmes, Bloomington, Neb.  
Feb. 15—Thos. F. Walker & Son, Alexandria, Neb.  
Feb. 18—J. H. Harter, Westmoreland, Kan.  
Feb. 22—C. C. Ingram, Bloomington, Neb.  
Feb. 26—W. E. Epley, Diller, Neb.

#### Duroc-Jersey Hogs.

Oct. 17—Moser & Fitzwater, Goff, Kan.  
Oct. 19—H. B. Miner, Rock, Neb.  
Oct. 22—P. H. Pagett, Beloit, Kan.  
Oct. 26—E. M. Myers, Burr Oak, Kan.  
Oct. 29—W. W. Bales & Sons, Manhattan, Kan.  
Oct. 30—Thompson Bros., Garrison, Kan.  
Oct. 30—W. T. Hutchison, Cleveland, Mo.  
Oct. 30—R. C. Beachler, Mahaska, Kan.  
Oct. 31—Philip Albrecht & Son, Athol, Kan.  
Nov. 12—Lant Bros., Dennis, Kan.  
Nov. 13—Sam'l Drybread, Elk City, Kan.  
Nov. 14—W. W. Oley & Sons, Winfield, Kan.  
Nov. 15—F. P. Sylvester, Hennessey, Okla.  
Jan. 8—Munsell & Isenberg, Herington, Kan.  
Jan. 15—H. B. Miner, Guide Rock, Neb.  
Jan. 16—F. C. Crocker, Filley, Neb.  
Jan. 22—Thompson Bros., Garrison, Kan.  
Jan. 25—Glenn Keeseecker, Washington, Kan.  
Jan. 29—W. E. Monasmith, Formoso, Kan.  
Jan. 31—W. H. Seddon, Persia, Ia.  
Feb. 4—J. O. Hunt, Marysville, Kan.  
Feb. 5—Samuelson Bros., Cleburne, Kan.  
Feb. 6—Samuelson Bros., Blaine, Kan.  
Feb. 7—A. T. Cross, Guide Rock, Neb.  
Feb. 8—Geo. E. Garrett, Bloomington, Neb.  
Feb. 11—H. H. Shaw, Hebron, Neb.  
Feb. 20—Geo. W. Schwab, Clay Center, Neb.  
Feb. 21—W. C. Whitney, Agla, Kan.  
Feb. 22—Geo. P. Philippi, Lebanon, Kan., at Esbon, Kan.

#### O. I. C. Swine.

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

#### Hampshire Hogs.

Nov. 14—D. H. De Kalb, De Kalb, Ia.

#### Shorthorns.

Oct. 11—Thos. Murphy & Sons, Corbin, Kan.  
Oct. 16—H. C. Lookabaugh, Watonga, Okla.  
Nov. 15—W. M. Watt & Sons, Green City, Mo.

#### HEREFORDS.

Sept. 20—J. L. Hodges & Son, Lincolnville, Kan.  
Oct. 23—W. F. Eckles, Green City, Mo.

#### Holstein Cattle.

Sept. 18—S. E. Ross, Creston, Ia.

### Kansas and Oklahoma.

BY A. B. HUNTER.

#### Purebred Poland Chinas.

E. J. Manderscheid, St. John, Kan., has at present over 240 head of purebred Poland Chinas and is making attractive prices on bred sows and gilts, also spring boars ready

for service. This herd contains an excellent foundation of herd sows and herd boars including the most fashionable strain such as Chief Perfection 2d, Impudence Corrector 2d, On The Spot, King Darkness and others. You will find here a good chance to buy good breeding stock at reasonable prices. Write describing your wants, mentioning Farmers Mail and Breeze.

#### Blackshere's Duroc Sale.

J. R. Blackshere, Elmdale, Kan., the well known breeder of prize-winning Duroc-Jersey swine, sold at auction Saturday, August 31, 43 head, consisting mostly of fall and spring yearling gilts. It was a handsome lot of Duroc-Jersey bred sows and gilts as the writer ever saw go through a sale ring. Only a few breeders from a distance were present but conditions somehow, perhaps partly due to the extremely hot weather, were not conducive to a proper appreciation of the excellent breeding stock offered. Forty-three head sold for \$1,205. The seven boars averaged \$40 and the 36 sows and gilts averaged \$34.14. The top of the sale was a son of Dandy Lad out of Lincoln Model taken by W. A. Wood & Son, Elmdale, Kan., at \$100. The following is a complete list of sales:

#### BOARS.

1—W. A. Wood & Son, Elmdale, Kan. \$100.00  
2—Clarence Wood, Elmdale, Kan. 50.00  
3—Fritz Alder, Florence, Kan. 30.00  
4—Bert Campbell, Florence, Kan. 21.00  
5—Chas. Sherfins, Elmdale, Kan. 19.00  
10—H. H. Hague & Sons, Newton, Kan. 25.00  
11—Wm. Hamilton, Elmdale, Kan. 35.00

#### SOWS.

79—Wm. Hamilton, Elmdale, Kan. 35.00  
76—Geo. Hammond, Newton, Kan. 40.00  
84—J. A. Jackson, Saffordville, Kan. 40.00  
83—Brooks Stewart, Elmdale, Kan. 30.00  
72—Brooks Stewart, Elmdale, Kan. 31.00  
—Brooks Stewart, Elmdale, Kan. 36.00  
71—Bert Campbell, Florence, Kan. 32.00  
62—Fritz Alder, Florence, Kan. 35.00  
95—T. W. Allison, Florence, Kan. 30.00  
90—Brooks Stewart, Elmdale, Kan. 26.00  
92—Brooks Stewart, Elmdale, Kan. 25.00  
91—Brooks Stewart, Elmdale, Kan. 25.00  
40—W. T. Sheridan, Clements, Kan. 40.00  
64—E. P. Allen, Elmdale, Kan. 37.50  
69—Fritz Alder, Florence, Kan. 37.50  
62—Bert Campbell, Florence, Kan. 37.50  
82—C. W. Shaft, Florence, Kan. 40.00  
84—Geo. Hammond, Newton, Kan. 50.00  
70—R. M. Johnson, Elmdale, Kan. 32.50  
66—A. J. Hanna, Elmdale, Kan. 32.50  
68—J. R. Smith, Newton, Kan. 49.00  
75—Bert Campbell, Florence, Kan. 26.00  
59—J. R. Smith, Newton, Kan. 55.00  
96—J. H. Harbour, Clements, Kan. 26.00  
60—E. P. Allen, Elmdale, Kan. 35.00  
88—N. G. Anderson, Elmdale, Kan. 21.00  
97—Brooks Stewart, Elmdale, Kan. 22.00  
99—Dan McCarty, Newton, Kan. 40.00  
89—Bert Campbell, Florence, Kan. 32.50  
93—Brooks Stewart, Elmdale, Kan. 22.00  
77—Fritz Alder, Florence, Kan. 40.00  
65—J. D. Johnson, Elmdale, Kan. 31.00  
81—Wm. Hamilton, Elmdale, Kan. 34.00  
86—Brooks Stewart, Elmdale, Kan. 32.00  
67—W. C. Woods, Elmdale, Kan. 30.00

#### Hodges & Son's Dispersion Sale.

J. L. Hodges & Son, Lincolnville, Kan., will sell at public auction at their ranch six miles east and three miles south of Lincolnville, Kan., commencing at 10 o'clock Friday, September 20, 85 head of Hereford cattle consisting of 22 head of high grade 2-year-old steers, 34 head of purebred registered Hereford cows and heifers ranging from 1 to 8 years old, all bred to registered sires; one 6-year-old bull, a herd header; 16 purebred Hereford calves, all eligible to register; also a number of high grade cows and yearling steers. Twenty head of horses will be sold consisting of brood mares, work mares, geldings and colts; and a black 6-year-old stallion weighing close to a ton and registered in the Percheron Society of America. A strong feature of this large sale will be the jacks, jennets and mules; four of the jacks are of serviceable age and are good Kentucky and Missouri bred stock. One of these jacks is a 3-year-old Mammoth black and as good a bone and all round jack as you are likely to see at any jack show. He is by Jumbo, and his dam was a 1,100 pound jennet. Five of the good jennets in this sale are now safe in foal to this great jack. Read display ad on another page and write for particulars and breeding list. Please mention Farmers Mail and Breeze.

#### Murphy & Sons' October 11th Sale.

Thos. B. Murphy & Sons, Corbin, Kan., whose card appears in this paper will hold a Poland China sale and will also sell Shorthorn cattle all purebred and the best

### Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. I sold one bull from your paper all right out of the five head and now I have four more that are coming on all right. They are 8 and 10 months old, so you just make the number eight head instead of five in the ad.

L. M. NOFFSINGER,  
Breeder of Shorthorns and Poland China Hogs,  
Osborne, Kan., August 2, 1912.

Farmers Mail and Breeze, Topeka, Kan. I enclose you check in settlement of my ad in the Mail and Breeze. You will please discontinue the ad, as I have sold all of my surplus stock. When I have more for sale you will hear from me.

E. BOURQUIN,  
Breeder of Brown Swiss Cattle,  
Bartlett, Kan., July 3, 1912.

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

# KANSAS STATE FAIR TOPEKA

SEPTEMBER 9-13. 5-DAYS--5

\$50,000 in Premiums and Speed

Competition Open to the World

FOUR GREAT BAND CONCERTS EACH DAY—FIFTY PEOPLE

Day Light Fireworks Monday.

Stock Judging and Lecturing by Men of National Reputation Each Day.

Acres of Red Machinery.

Full Race Program Each Afternoon.  
Great Free Attractions.

NIGHT ENTERTAINMENTS IN FRONT OF GRANDSTAND  
**CHEYENNE FRONTIER DAYS**

Pain's Spectacular Pioneer Days With  
Wonderful Fire Works. Realistic Reproduction of Wild West Life

SPECIAL TRAIN SERVICE ON ALL RAILROADS

T. A. BORMAN, Pres.; For Information address H. L. COOK, Sec'y.

## THE TWELFTH ANNUAL

State Fair of Kansas

Hutchinson, Sept. 14-21, '12

\$42,000.00 in Premiums

The Fair Built by the People—For the People  
In the Heart of Agricultural Kansas

The most complete Agricultural, Live Stock and Industrial Exposition in the Great Southwest

The Only Fair in the State Authorized by Law to Issue Premiums in the Name of Kansas  
Competition in all Seventeen General Departments Open to the World

7 Great Races 7 DAILY

Wortham & Allen's Carnival  
The best in America for 1912

The Fair is Devoted to the Good and Growth of Kansas and the Great Southwest  
All Railroads Operate Extra Equipment and Extra Trains

Irwin Bros. Wild West  
The Real Thing More Free Attractions Than Ever Before

New Santa Fe Railroad Switch to Grounds  
Used by all Railroads Entering Hutchinson

Outdoor Space in Machinery Department Free

Send for Catalogue

H. S. Thompson, Pres.

A. L. Sponsler, Sec.



## LIVESTOCK AUCTIONEERS.

**COL. HOMER BOLES, Randolph, Kan.**  
Livestock and General Auctioneer.

**L. R. BRADY, LIVESTOCK AUCTIONEER**  
Manhattan, Kan. Write or wire for dates.

**SAM W. KIDD, Live Stock Auctioneer**  
Kansas City, Mo.  
My price cut in two. Any sale \$25.

**COL. S. B. YOUNG, Osborne, Kan.**  
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**Wm. H. Harper, LIVESTOCK AUCTIONEER.**  
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Up-to-date methods in the Auction business. Purebred stock sales and big sales generally. Write for dates.

**Col. C. W. Smith, Livestock Auctioneer**  
and Prop. of Smith's Sale Pavilion, Fairbury, Neb.  
Special service to breeders. C. W. SMITH, FAIRBURY, NEB.

**Lafe Burger** Live Stock and Real Estate Auctioneer  
Wellington, Kan.

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LIVESTOCK AUCTIONEER.  
DATES CLAIMED ARE PROTECTED.

**Col. N. S. HOYT, Mankato, Kansas,**  
Livestock Auctioneer. Big Horse and other Stock Sales a specialty. Terms reasonable. Special service to breeders.

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Pure Bred Live Stock and Real Estate Auctioneer.  
Speaks German. Write or wire for dates.

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Livestock and Real Estate Auctioneer.  
WRITE FOR DATES.

**JAS. W. SPARKS Live Stock Auctioneer**  
MARSHALL, MO.

**Will Myers, Livestock Auctioneer**  
Beloit, Kansas.  
Write or phone for dates. I am located right to give good service.

**Col. J. R. LOYD, ATHOL, KANSAS.**  
LIVESTOCK AUCTIONEER.  
Write for terms and dates, and reference.

**COL. FRANK REGAN, ESBON, KANSAS.**  
Livestock Auctioneer. Write for open dates.

**W. H. Trosper, Auctioneer**  
Livestock and Farm Sales my Specialty.  
FRANKFORD, KAN. Write for Dates.

**COL. RAY PAGE FRIEND, NEB.**  
Livestock Auctioneer. Write for Dates.

**FRANK J. ZAUN FINE STOCK AUCTIONEER**  
Independence, Mo.  
Bell Phone 675 Indp.  
"GET ZAUN. HE KNOWS HOW."



**Col. Oscar H. Boatman**  
Irving, Kansas  
Livestock Auctioneer  
Graduate American Auction School  
Write for Dates

## Bergner &amp; Sons' Coach Horses

**65 HEAD**  **65 HEAD**  
What do you know about the Coach Horse?  
Do you want to know more about the Coach Horse?

## German Coach Horses

are the best general purpose horse for the farmer. They have size, beauty, action, endurance and intelligence and mature early. They stand gracefully both hardships of usage and climate. Many a farmer does not know what a great farm horse the coach horse really is. Let us tell you more about him and you will want him. We are offering young stallions and fillies, also mares in foal to the imported Oldenburg Coach Stallion Mephisto 4221. Call on or write, J. C. Bergner & Sons, "Waldock Ranch," Pratt, Kan.

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

**Belgian and Percheron Stallions and Mares**  
Imported and Home-Bred.  
For Sale at Attractive Prices.

**Blue Valley Stock Farm**  
Blue Mound, Linn Co., Kan.

of individuals on Friday October 11th. This sale will afford an excellent opportunity to buyers who want hogs that are large in kind yet mature early. Few breeders, regardless of reputation, will be able to show a sale offering as good as Murphy & Sons will sell. They are offering at private treaty a Cleveland Bay stallion that is a horse that will make money for any man who can use him at all. This horse is an excellent sire, in fact is a show horse and is being offered for no fault whatever and at a figure that the man who buys him will sure see he has a bargain. Write them about him. You can buy this stallion for just a little over half what one like him would cost next spring.

## Shropshire Rams.

H. H. Hague & Son, Newton, Kan., are pricing for quick sale, 26 head of purebred Shropshire rams. These rams are by purebred rams and out of purebred ewes but owing to failure to properly tag, they are non-registerable. They have 15 fine yearlings that are priced for quick sale and they also have a number of fancy young rams that can be bought at a low figure. If you can use one or more of these rams call or write for particulars at once, mentioning Farmers Mail and Breeze.

## Kansas, Missouri and Iowa.

BY C. H. WALKER.

## See Gildow's Polands at Topeka.

One of the good Missouri show herds of big type Poland Chinas which will be at Topeka next week is the herd of Dr. Jno. Gildow & Sons of Jamesport Mo. This herd, headed by the grand champion boar, Pawnee Chief Hadley, is better than any deal than last year when they made an enviable record at the leading western fairs. Pawnee Chief Hadley and Big Bill Tatt are responsible for a great many of the individuals in the show herd and to see them will give an idea of the herd at home. Messrs. Gildow extend a cordial invitation to all breeders and farmers to visit their pens and get acquainted.

## Lomax &amp; Starrett Sell November 9.

Lomax & Starrett of Leona, Kan., will on November 9 sell a select offering of big type Poland Chinas at Severance, Kan. This is the initial sale of this Poland China firm and they are anxious to make a good showing. They are bending every effort to put up only the very best breeding stock and will make an offering that should attract the best breeders. The sow herd is sired by such well known boars as Pan I See, Giant Osborne, Byrne's Corrector, Expansion's Son, Ideal Sunset, Chief Jumbo, Bog Osborne, etc. The pigs are by a son of Top Notcher and a number of big type boars. Watch for the advertising of this sale.

## Taylor's Durocs at the Fairs.

To those who are contemplating attending the Missouri State Fair or the American Royal we wish to call attention to the show herd of Duroc-Jerseys owned by Chas. L. Taylor of Olean, Mo. Mr. Taylor owns one of the top herds of the state. His is a herd that produces state fair winners and each year finds him carrying off a good big per cent of the ribbons. Mr. Taylor's herd this year is in better shape than ever and he will have an excellent representation at the fairs. Look up his advertisement in this issue and write him for prices and description of the choice spring boars and gilts he has for sale. Kindly mention this paper when writing.

## Klaus's Herefords at Topeka.

Next week at the state fair at Topeka Klaus Bros., of Bendena, Kan., will show their good herd of Hereford cattle. The Klaus herd is one of the best in the West and has been built up by constructive breeding. Kansas owes a great deal of credit to the Klaus boys for the work they have been doing in improving the Herefords of the state and the boys extend a cordial invitation to all to see their show cattle and get acquainted. They have on hands 16 head of big, strong, rugged bulls, ready for service and sired by Fulfiller 3d, Fulfiller 25th and Beau Onward, the three bulls that have done so much to put the show cattle on the high plane they now occupy. See them at the fair and get further particulars and prices on the bulls they have for sale.

## Stanley Will Sell a Great Offering.

A. O. Stanley of Sheridan, Mo., will sell on October 21 one of the best offerings of big type Poland Chinas to be offered in the state this fall. Panorama, the great show and breeding boar, is at the head of this herd and the get of this grand old hog this year show up unusually strong. In addition to Panorama pigs Mr. Stanley will have three daughters of A Wonder, two yearlings that have raised top litters and one spring gilt; three boars of spring farrow by A Wonder and 10 head out of A Wonder sows by Panorama. Other pigs will be by Bell Prince, Longfellow King, the great Black & Thompson boar and Chief Price Wonder, the Wray boar. A recent inspection of the herd found the pigs doing extra well, showing extra growth and quality. Mr. Stanley extends a cordial invitation to Kansas breeders to be in attendance at the sale. Watch for further mention on this top offering.

## Kansas and Missouri

GEO. W. BERRY.

## Percheron Society Director.

J. H. Lee a member of the firm of Lee Brothers, breeders of registered Percheron horses, Harveyville, Kans., has been appointed a director in the Percheron Society of America. The appointment of Mr. Lee fills the vacancy caused by the resignation of J. C. Robison of Towanda, Kans. While general regret has been expressed on the retirement of Mr. Robison who is one of the most successful and favorably known breeders, it is safe to conclude that no more able successor could be selected than Mr. Lee.

## Big Berkshires.

C. G. Nash, Eskridge, Kans., is a breeder of the large, English Berkshires, and has met with great success with his chosen breed. Mr. Nash breeds a type of Berk-

## A Great Dispersion Sale

At the Hodges Ranch, 9 miles east and 6 miles north of Marion,  
6 miles east and 3 miles south of Lincolnville, Kan.,

**Friday, September 20, 1912**

Sale Begins at 10 O'clock Sharp.

**85 Head of Cattle, 85**

34 head of Registered Hereford Cows and Heifers ranging in age from 1 to 8 years, all bred to registered Hereford Bull.  
1 Registered Hereford Bull, 6 years old.  
16 head Pure Bred Calves, all eligible to register.  
4 High-Grade Cows, 4 Yearling Steers.  
22 head of 2-year-old steers, High-Grade Herefords.

**20 Head of Horses, 20**

Consisting of 11 head of Brood and Work Mares, 1 3-year-old Gelding, 1 2-year-old Gelding, 2 Yearling Colts, 3 Spring Colts.

## The Percheron Stallion Marshal Case 49450

Purebred, black, weight 1900. Foaled May 4, 1906. SIRE—Langson 13811 (22701) goes in the sale.

12 JACKS and JENNETS, consisting of 3 good Jacks from 2 to 9 years old, one of them extra large. 7 good Jennets, 2 Spring Colts, 1 Jack and 1 Jennet. All Missouri and Kentucky bred.

7 MULES—Two 2-year-old mules, 5 Spring Colts.

TERMS—Three, 6, 9 or 12 months' time (purchaser's choice) will be given on good bankable notes drawing 7% interest from date. Stock can be left in pasture until end of season at owner's risk.

Lunch Served at Noon. Patrons conveyed from Lincolnville on request.

**J. L. Hodges & Son,**  
LINCOLNVILLE, KANSAS

Col. A. C. Merilatt, Auctioneer.

## SALE OF HOLSTEIN CATTLE

CRESTON, IOWA

**September 18th, 1912**

consisting of 20 matured cows bred to freshen this fall and early winter and 9 heifers, all of which old enough will be bred, and

**6 HIGH BRED REGISTERED BULLS**

Many of these cows are heavy producers and some are direct descendants of great producers. The offering will please all wanting good dairy cattle. In addition to the registered stock some high grades will be sold. Write for catalog. Come to sale.

**S. E. ROSS,**

H. S. DUNCAN, Auct.  
GRANT GAINES, Fieldman

**Creston, Iowa.**

## Lamer's Coming

From France with Sixty Head of Percheron Stallions—Due to Arrive September 20.

**C. W. Lamer & Co., Salina, Kansas**

Herd Established  
Over 25 Years

## Evergreen Crest Galloways

Over 1,300 acres devoted to purebred Galloways, sheep and horses. Flagstaff 29205 and Sally's Othello 53696, both sired by Imp. champion bulls, in service. Five top yearling bulls for sale. Inspection of herd invited. J. & W. R. Clelland, New Hampton, Mo.

H. S. DUNCAN,  
Live Stock Auctioneer,  
Clearfield, Pa.

R. L. HARRIMAN,  
Live Stock Auctioneer,  
Bunceton, Mo.

ALSO INSTRUCTORS IN THE  
**MISSOURI AUCTION SCHOOL**

Largest in the world and only school where students are given actual practice in sale of all kinds of property and have an opportunity to see the largest mule in the world.

TERM OPENS Oct. 7 at 14th and Grand Ave.,  
Kansas City.  
W. B. Carpenter, President, Real Estate and Live Stock Auctioneer





**SHEEP.**

**Registered Shropshire SHEEP**

65 bucks, one, two and three years old. Out of imported sire and many of the dams imported. Priced to sell. R. A. LOUGH, Osborne, Kansas.

**SHROPSHIRE RAMS.**

Pure bred but non-registered. The produce of 20 years close selection and proper matings. Registered rams on pure bred ewes. Priced for quick sale. H. H. Hague & Son, R. 6, Newton, Kan.

**Shropshires**

A high class lot of registered two-yr.-old rams for sale.

HARRY NANCE,

R. R. No. 2, Pattonsburg, Missouri.

**SHROPSHIRE.**

I have good pure bred Registered yearlings and two year rams for sale.

JOHN COLDWATER,  
CHASE, RICE CO., KAN.

**RED POLLED CATTLE.**

**Foster's Red Polls**

Write for prices on breeding stock. C. E. FOSTER, R. R. 4, Eldorado, Kansas.

**RED POLLED BULLS**

and heifers by Actor 7781 and Launfal 13221. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Figs. Write or come. CHAS. MORRISON & SON, Phillipsburg, Kan.

**GALLOWAYS.**

G. E. CLARK. W. W. DUNHAM. CAPITAL VIEW GALLOWAYS. 12 Miles West of Topeka.

A choice lot of bulls 10 to 20 months old, by imported and American bred sires. They will please you. Address CAPITAL VIEW RANCH, Silver Lake, Kan.

**Fort Larned Herd**

40 REGISTERED BULLS. 20 GALLOWAYS and 20 RED POLLS. 10 to 20 months old. Priced to sell. E. E. FRIZELL, LARNED, KANSAS

**SHORTHORNS.**

Milk and Beef Combination. Horless Shorthorn Cattle. Oxford Down Sheep. Bourbon Red Turkeys. J. H. WALKER, LATHROP, MO.

**JOHNSON'S Shorthorns** 50 HEAD including 6 good young bulls. Also young jacks. Farmers' prices. T. F. JOHNSON, GARFIELD, KANSAS

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

**True Goods 337574**

by Fair Goods, dam Rosie 11th by Standard Bearer, second dam Imp. Rosie 17th by Scottish Victor, heads my herd of carefully selected Scotch cows. Young stock for sale. T. J. BLAKE, HIAWATHA, KANSAS.

**SHORTHORNS**

8 bulls from 12 to 18 months. Roans and reds. Scotch Tops. Address, L. M. NOFFSINGER, OSBORNE, KAN.

**Lookabaugh's Shorthorns**



Violent Search by Searchlight at head of herd. Breeding stock, both sex. Prize winners and descendants of prize winners. Write your wants.

H. C. Lookabaugh,  
WATONGA, OKLAHOMA

**HEREFORDS.**

**MATHEWS' REGISTERED HEREFORDS**

For sale. 8 long yearling bulls; 30 yearling heifers, also cows with calves by side—extra good cattle, strong in Anxiety 4th blood. FRED MATHEWS & SONS, Kinstey, Kan.

**BLUE GRASS Herefords**

Cows, Heifers and young bulls for sale. 100 head in herd. Breeding matrons by Millant, Lamplighter, Shadland Dean 23d, Gentry Briton 6th, Heslop 2d and Wilton Almo 6th. Visitors Welcome. W. T. WRIGHT, Route 8, Mt. Pleasant, Iowa.

**Klaus Bros.' Herefords!**

We offer 16 head of strong, rugged bulls, herd header material, ready for service, sired by Fulfiller 3rd, Fulfiller 25th and Beau Onward. See our show herd at the leading western fairs. KLAUS BROS., BENDENA, KANSAS.

**Modern Herefords**

ROBT. H. HAZLETT  
Hazford Place  
Eldorado, Kansas

shires that is exceedingly popular with farmers. His hogs possess uncommon size, have heavy bone and are the easy feeding, early maturing kind. It is safe to say that he has won more prizes at the leading fairs in Kansas and Oklahoma than any other exhibitor of Berkshires in late years. Such a hog as he breeds, having the size and feeding qualities to please the farmer as well as the quality to win in the big shows should satisfy anyone who can be suited with a Berkshire. Mr. Nash has sows and boars of most all ages and sizes for sale at all times. Write him for description and prices, mentioning Farmers Mail and Breeze.

**Hampshire Hogs In Demand.**

T. W. Lavelock, breeder, Princeton, Kans., reports a great demand for Hampshire hogs and that he has made a number of sales recently. The most gratifying reports are being received concerning the quality of the Hampshires shipped on mail orders by Mr. Lavelock. J. Van Odol, of Nash, Okla., writes he has just received the hog shipped by Mr. Lavelock, saying he is highly pleased with the individual and adds that he has been raising Hampshires for about four years and thinks this the only kind of hogs to raise. A letter from A. Davison of Lincoln, Neb., says two of the gilts purchased from Mr. Lavelock farrowed and raised 13 pigs, all nicely belted and will be shown at the state fair. G. F. Olson, of Vinland, Kan., writes that the sow he purchased improves and looks better every day. Fred Jewett of Blanchard, Ia., writes that the sow he purchased arrived O. K., and that he is pleased and says, "I believe you Hampshire fellows are all right," and adds, "I guess I will get in the game also." Mr. Lavelock's early fall pigs are beginning to arrive. He will have pigs by three boars, Widow's Model, Joe Bowers and Kansas Model. Write for particulars and prices.

**H. White Showing Shorthorns.**

Those who visit the fall fairs will be interested in knowing that C. H. White, the enterprising breeder of Shorthorns, Burlington, Kan., will bring out a very attractive show herd of Shorthorns and will exhibit at the Topeka and Hutchinson, Kansas, State Fairs and other places. Features of Mr. White's exhibit of Shorthorns include the herd bull Richelleu 33749, a bull of the most pleasing red in color, combining scale, smoothness in lines, splendid style, rare fleshing quality and masculine character. He is a son of The Choice of All and closely resembles in many points his celebrated grandsire, the world champion imported Choice Goods. The calf herd is composed of a choice selection of heifers including an outstanding senior heifer calf and headed by an exceedingly promising bull calf, Illuminator. This youngster impresses one as belonging to the correct type and bears promise of a brilliant future. The roan yearling steer will attract attention in any show and should figure prominently in the awards. The show herd has received the careful attention of "Uncle Tommy" Minton and will be presented in condition for critical inspection.

**J. T. Bayer & Sons' Disposal.**

The dispersion sale of Berkshires and Shorthorns by J. T. Bayer & Sons at Yates Center, Kans., on Aug. 27th was attended by a fair sized crowd of farmers and local breeders. Thirty head of Shorthorn cattle, about half of which were calves, were sold at a general average of \$78.60. The average on 16 head of cows and bulls was \$96.80. The highest price received in the sale was \$300.00 for the two-year old bull, Ingleyline, sold to Lauber Brothers, Yates Center, Kan. The herd of Berkshires which Bayer & Sons dispersed on this occasion was one of the good herds of the breed. The herd had been bred up to a high standard of individual excellence by the use of good sires. The brood sows were extra and the sort that should give good returns on the farms where they were sold. The Kansas State Agricultural college purchased three large sows of the kind that are good foundation material. The herd boar Second Masterpiece was purchased by G. W. Berry & Sons, his breeders, and returned to his former home at Topeka. The year old and over sows averaged \$44.00. The entire offering including pigs averaged \$43.50. Most of the Berkshires were purchased by the farmers and their distribution should prove permanent investments to the owners and enhance the popularity of the breed among farmers.

**Great Success With Berkshires.**

E. D. King, of Burlington, Kans., has met with great success with his breeding herd of high class registered Berkshires and has raised the present season over 600 pigs. The herd now numbers nearly 1,000 head and includes over 200 sows of breeding age. The boars, in service include King's 10th Masterpiece, True Type, Premier Longfellow's Rival, King's 2nd Masterpiece and others, all of splendid individual excellence, combining great size with good feeding and early maturing qualities. For several years Mr. King has practiced the selection of the choicest individuals for breeders, culling out the plainer sort for the feed lot and retaining those that have the quality, good bone and feet and fine heads for the breeding herd. The herd is not only the largest herd of registered Berkshires but contains more high class sows with fine heads, short noses and extreme finish, and more good sires, perhaps, than can be found in any other herd in the world. Mr. King is the owner of a large farm, a quarter section of which is devoted to the pastures, yards and houses occupied by the Berkshires. The magnitude of this great breeding establishment can be appreciated only by a visit to the farm. Mr. King is, also, one of the best known breeders of sheep in the United States and is the owner of a large flock of the Rambouillet breed.

**Stock Show at Topeka.**

After all is said and done about fairs it must be conceded that the great center of attraction on the fair grounds is in the fine stock department. While the displays of farm products and the fruits from Kansas orchards that were seen at the Topeka fair last year out-rivaled the exhibits at the older state fairs, yet the splendor of the stock show was most pleasing to the vast majority. Large as was the stock show at Topeka last fall, the entries coming into the secretary's office indicate even a show of greater magnitude during the coming week than has ever before been witnessed on the

**DAIRY CATTLE.**

**HOLSTEINS —CHOICE BULL CALVES.**

H. B. COWLES, TOPEKA, KANSAS.

**Dutch Belted and Holstein**

male and female calves for sale from exceptionally good milkers. Springdale Stock Ranch, Concordia, Kan.

**LINSCOTT JERSEYS**

Only registered herd of merit in Kansas. A grand son of Golden Fern's Lad—bred for butter—and 20 cows and heifers for sale at moderate prices. R. J. LINSCOTT, HOLTON, KANSAS

**Holstein-Friesian Bulls**

For sale—choice young bulls, sired by Pierterje Hengerveld Nannette, first prize bull 3 state fairs, 1911, from producing cows. Exceptionally fine markings. W. C. Jones, Rural 2, Topeka, Kan.

**Jersey Cows and Heifers**

We have for sale 30 head of young cows and yearling heifers. Also a few young bulls. See our herd at either the Iowa, Kansas, Nebraska, or Missouri State Fairs. SMITH & ROBERTS, BEATRICE, NEBR.

**HOLSTEINS**

High grade cows and heifers in milk. 8 yearling heifers just being bred. Bulls ready for service, full blood but not registered. STA. B. TOPEKA, KAN., IRA ROMIG.

**Choice Jersey Bulls**

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

**POLLED DURHAMS.**

FOR SALE. Ten head pure polled Durham cattle both sexes. R. L. Graham, Queemo, Kans.

HUDGINS' D. S. POLLED DURHAMS. Herd headed by Miami Model 339881, a prize winning son of the great Confessor 284217. I have a choice lot of ready for service bulls for sale—all double standard. Watch for my fall sale. W. T. HUDGINS, MOORESVILLE, MO.

**Polled Durham Bulls**

Six well bred young bulls and a limited number of cows and heifers for sale. C. M. HOWARD, HAMMOND, KANSAS.

**Woods Polled Durhams**

Roan Hero Bulls and Heifers for Sale. Three bulls from 12 to 22 months old, a Mina, a Brawith Bud and a Necklace, two roans and a white of top quality and ready for service. Also a few choice yearling and two-year-old heifers. These will be priced right for quick sale. Come and see or write C. J. WOODS, CHILES, KANSAS.

**MEADOW BROOK BERKSHIRES AT BURLINGTON, KANS.**

200 bred sows, all bred to Premier Longfellow, King's 2d Masterpiece, True Type, King's 4th Masterpiece, King's X Masterpiece (the greatest yearling we ever raised), Forrest Count, etc. One hundred open sows and twenty extra nice males. Two extra good herd boars for sale (every one deep in breeding and rich in blood). E. D. KING, BURLINGTON, KANSAS.

**POLAND CHINAS.**

NEBRASKA'S POLAND CHINAS. Spring BIG TYPE boars for sale but best gilts reserved for February 15 sale. L. E. HOLMES, BLOOMINGTON, NEB.

**MAPLE GROVE HERD**

**Big Type Poland Chinas** Herd headed by EXPANSION LOOK 61191. Best of big breeding and individuality represented in my sow herd. Fall sale October 26. R. B. DAVIS, HIAWATHA, KANSAS.

**Prairie Springs Big Type Poland Chinas.**

O. K. Lad 58098, the 1,000-pound son of Pawnee Lad, and Exalter's Wonder in service Choice stock by the leading big-type sires for sale. Fall sale October 19. Come or write C. L. BRANIC, HIAWATHA, Kansas.

**EXPANSIVE FALL BOARS FOR SALE!**

I still have a few extra choice fall boars by Expansive, August and September, 1911, farrow, weighing 300 pounds and better. These are extra good in every respect and are the last bred by this great boar. To see them is to buy. I guarantee satisfaction. Write or call. H. B. WALTER, EFFINGHAM, KANSAS

**Gildow's Mammoth Poland Chinas**

Herd headed by the 1060 lb. grand champion, Pawnee Chief Hadley and Big Bill Tatt. For sale 80 spring boars and gilts by the above named and other big type sires and several big stretchy spotted pigs by Big King and Brandywine Jr. All out of prolific big type sows. Also two herd boars and 25 fall gilts bred or open. If you want the big, smooth kind write us. Watch for our show herd. DR. JNO. GILDOW & SONS, JAMESPORT, MISSOURI

**PFANDER'S KING 60262**

by Long King, heads my herd of strictly big type sows including daughters of A Wonder, Long King, Columbia Chief, King Mastodon, etc. Only the best for sale. Fall sale October 22. JOHN W. NOLL, WINCHESTER, KANSAS.

**ETTERVILLE BREEDING FARM**

Devoted to the raising of the old original Big Boned Spotted Poland Chinas. Spring pigs from five of the largest spotted boars on earth. Pairs or trios not skin. Hogs shipped anywhere on earth. They will please and are priced right. EDGAR DOOLEY, Owner, ETTERVILLE, MO.

**SHROPSHIRE RAMS**

Pioneer Breeders and Importers. Established 1858. Registered Yearlings and 2-year-olds from home bred and imported dams. 80 registered 4-year-old ewes, superior quality, farmers' prices. Satisfaction guaranteed. DAN'L LEONARD & SONS, Corning, Iowa.

**ABERDEEN-ANGUS.**

RIDGE PRAIRIE ABERDEEN ANGUS. Rutger Heatherson 3d 118104, a choicely bred Heatherbloom, in service. The best families represented. A few choice cows, bred, and open heifers for sale. Prices right, satisfaction guaranteed. W. G. DENTON, DENTON, KANSAS.

**Sutton Farm Angus**

For sale, our entire crop of 1911 spring bulls, individually or in carloads; great, well grown, lusty fellows, sired by the best of herd bulls. Bulls from this herd sire winning steers in Chicago, Denver, Fort Worth and Kansas City shows annually. Also 20 head imported and Canadian bred Shropshire sheep, and selections from a large and high class herd of Berkshire hogs. SUTTON FARMS, LAWRENCE, KANSAS.

**BERKSHIRES.**

Jewell County Berkshires Fall gilts and yearling sows for sale, bred or open. C. W. ELYEA, JEWELL CITY, KANS.

**BERKSHIRES and Polled DURHAMS** 200 pound boars, a few sows, herd bull and young bulls. C. M. Albright, Overbrook, Kansas.

**WAITE'S BERKSHIRES.**

Choice young Boars and Gilts. Also tried sows. Most famous Robinhood Blood. We guarantee satisfaction. Call or write LEON A. WAITE, WINFIELD, KAN.

**Berkshires That Make Good**

With size, bone and feeding qualities that please the farmers as well as ability to win in the show ring. Undeated young herd bred by exhibitor, three state fairs. C. G. NASH, ESKRIDGE, KANSAS.

**BERKSHIRES, SHORT-HORNS and JERSEYS**

FOR SALE—25 boars by Robinhood Premier 2nd or Rival's Lord Premier, and out of sows representing such sires as Imported Baron Compton, Berryton Duke and Premier Longfellow. Also a choice Shorthorn bull calf by Silk Goods and out of a show cow.

W. J. CRIST, :: OZAWKIE, KANSAS

**Sutton Farm Berkshires**

We are offering selections from 100 spring pigs, mostly sired by Judge Robinhood, at very attractive prices. We are also booking orders now for some very nice gilts bred early fall farrow. We will sell two tried sows bred for Sept. farrow.

Sutton Farms,  
Lawrence Kansas.

Berryton Duke Jr.



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# BIG BARGAINS IN REAL ESTATE

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

160 ACRES, improved, near town. A snap. \$4,500.00. Fred A. Reed, Salina, Kan.

WRITE for list of improved farms in Central Kan. T. C. Cook, Lost Springs, Kan.

CHOICE \$20 a. 7 mi. Topeka, 1/4 mi. Kilmor: Ideal location. Good imp. Fred Priebe, Topeka.

200 ACRES in four miles of Garnett, Kan. \$40 acre. Can leave \$2,400 stand. Can farm all. S. C. MILLER, Robinson, Kan.

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

IMPROVED half section of Stafford Co. land at \$40 a. Worth \$60. Write for particulars. A. L. McMillan, Stafford, Kansas.

TREGO CO. lands, \$20.00 to \$50.00 per a.; small payment down, 10 annual payments on bal.; all staples flourish. Purcell & Phares, Owners, Wakeeney, Kan.

EVERYBODY'S doing it now. Buying wheat, corn and alf. land at bargain prices. Sale and ex. list free. L. E. Pendleton, Commerce Bldg., Dodge City, Kan.

FOR SALE—Two quarter sections, unimp. Wichita Co., Kan., \$6 and \$7 a.; fine wheat land. Let me know what you want. Geo. W. Rayhill, The Land Man, Warrensburg, Mo.

SUMNER COUNTY, KANSAS. The best farms for diversified farming; the very choicest of improved farms. Crops are sure. Write H. H. Stewart, Wellington, Kansas.

160 A. farm, Osage Co., Kan., \$28 cash per a. Have best and cheapest farms in E. Kansas for the money. Exchanges a specialty. Watkins Land Co., Quenemo, Kan.

ALFALFA, corn and wheat lands in Eastern Kansas where crops are sure. Farms, ranches and city property near a good college town; send for list. T. B. GODSEY, Emporia, Kan.

ALFALFA, corn and wheat lands in rain belt of Kansas. Good upland \$35 to \$75, bottom \$75 to \$100. Free land list. THOMPSON & LEWIS, Whitewater, Kan.

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

240 ACRES; good farm; good improved; 4 miles to R. R. town; Cowley Co., Kansas. I will take \$2,000 cash, \$5,500 first mortgage, balance good property for a home. Price \$50 per acre. I have other farms on good terms. Wm. Godby, Arkansas City, Kan.

HOMES in N. W. Ark. Good soil, pure water, healthful climate, from \$500 to \$20,000; also flouring mill \$4,000, good proposition. Best reasons for selling. Harness, carriage, furniture stock live town. Other bargains. Write for list. Ad. Box A-1, Hindsville, Ark.

TWO SNAPS, corn and alfalfa farms, 160 a., 1/2 mi. town, level, good soil, good imp., \$42 per a. Terms, No. 2—80 a. 1 mi. out, good imp., level, fine soil, \$50 per a. Terms. Close to K. C. Write for desc. map and literature. Walt & Dean, Blue Mound, Kan.

FOR SALE—Two fine stock and farm ranches in Graham Co., Kan. One of 3,100 a., one of 1,700 a. Running water on each, two sets good improvements on each. Fine smooth, black, prairie and bot. land. Call on or write A. H. Wilson, Bogue, Kan., and he will show you the land, or write S. S. King at Atchison, Kan. for particulars.

FOR SALE by owner. 200 acres good land Montgomery Co., Kansas, all in cultivation but 25 acres. Between two good towns. New 8 room house; other improvements. Interurban car line near. Good water, fenced, cross fences. Bargain \$37.50 per acre. \$2,500 cash, bal. mortgage 5 or 7 years, 6 per cent interest. MRS. E. C. GILL, 1327 Central St., Kansas City, Mo.

80 ACRES, 50 acres in cultivation, large house and barn, good orchard, close to school and church, a bargain, terms. MALSBUY & WALRAD, Erie, Kan.

EMPORIA, KANSAS. Write for list of farm bargains. They are real. Best farms for the money with best school privileges. FRED J. WEGLEY, Emporia, Kan.

80 ACRE home farm, 3 1/2 miles from town, half in cultivation, pasture, alfalfa, good water, four room house, barn, orchard. Price \$3,600.00. No trades. Write for free list. V. E. NIQUETTE, Salina, Kan.

BARGAIN: 80 acres, 68 a. cultivated, balance pasture, 10 a. alfalfa, 6 room house, good barn and outbuildings. Price \$4,500, \$1,500 cash. Write for free list. W. G. STUDEBAKER, Salina, Kan.

FARMS bought at right prices are a good investment. Send for our booklet containing choice bargains in the corn and alfalfa belt of southeast Kansas. Farms, prices and terms are right. Write for it today. MILLER & SON, Petrolia, Kan.

640 A. smooth wheat land, in S. E. part of Hodgeman Co. 260 acres in cult. 200 a. 2nd bottom land, must sell at once. Price \$12.50 per acre, 1/2 cash, bal. 3 yrs. 6 per cent interest. R. S. MAIRS, Kinsley, Kan.

A GOOD INVESTMENT—Unimproved half section, Central Kansas creek bottom and second bottom land. 240 acres broke, 300 acres tillable. No trades wanted. \$65 per acre. Reasonable terms. Write HENRY H. EBERHARDT, Salina, Kan.

120 acres, 5 room dwelling, good barn and outbuildings, orchard, choice valley land, fine location, 2 1/2 miles out. Price for quick sale \$55.00 per acre. Send for land list. F. C. LIBBY, Blue Mound, Linn Co., Kan.

J. L. Wilson, Salesman.

COFFEY CO., 80 a., 6 room house, barn, well, cistern; 70 a. cult.; 3 mi. town; graded school; price \$4,500; \$1,500 down. 160 a. 4 miles town; 8 room house, large barn, orchard, wells; 1 mile school; \$60 per acre. P. H. ATCHISON, Waverly, Kan.

89 ACRES located 6 1/2 mi. Ottawa, Kan. Fair 5 room house, good barn 32x24, extra good well with windmill. 80 a. nice smooth land in cultivation, remainder in pasture, some timber, close to school and church. Price \$55 per acre. Will half the money. MANSFIELD, Ottawa, Kan.

HALF SECTION four miles from Fall River, good 6-room house, good arch cave, two barns, 140 acres plowed and could most all be farmed, but is nearly all in grass. Ten acres timber, watered by wells, big spring and ponds. Price \$30 per acre. WM. FORBES, Fall River, Kan.

LINN COUNTY. Fine improved farms; natural gas, coal, wood and good water; adapted to wheat, oats, corn, flax, timothy, clover, bluegrass. Folder free. A. E. ROOT, Pleasanton, Kan.

TWO SECTIONS 5 and 7 mi. Russell Springs, on R. R.; county seat Logan Co., Kan. Over 500 a. in each tract best level land, bal. good pasture. Big snap; \$7.00 per acre, terms. Write quick. Box 122, Grainfield, Kan.

IN THE OZARKS OF ARKANSAS small fruit farms pay the best; if interested in stock, fruit or grain farms, address EWALT LAND CO., Springdale, Ark.

FARM BARGAINS. Choice wheat and alfalfa lands in famous Medicine and Sharon Valley, \$25 to \$50 per a. J. P. DUNCAN REALTY CO., 712 Beacon Bldg., Wichita, Kan.

EASTERN KANSAS BARGAINS. Improved stock and grain farms; \$30 to \$65 per acre; write for list free. J. E. CALVERT, Garnett, Kan.

SHERMAN COUNTY, KANSAS. Where corn, alfalfa, and small grains of every description grow to perfection. Level, fertile land, \$10 to \$50 a. Liberal terms. Handsome, illus. cir. free upon request. G. L. CALVERT, Goodland, Kan.

LINN COUNTY FARMS. Biggest bargains in Kansas. Corn, wheat, timothy, clover, bluegrass land \$15 to \$80. Coal, wood, gas, abundance good water. Fruit and everything that goes to make life pleasant. Large illustrated folder free. EBY BROTHERS & CADY, Pleasanton, Kan.

JUST LISTED Improved 160 acres A-No. 1 valley land near Independence, Kansas. Price \$50 per acre. Enc. \$3,000. Exchange equity for desirable residence property preferably in N. E. Kan. This is a real bargain. FOSTER BROS., Independence, Kan.

OUR BEST. 365 acres, four miles from town, two quarters one mile apart, owned and operated by one man. Two good sets improvements, every foot tillable. Price \$85.00. Must be seen to be appreciated. DONAHUE & WALLINGFORD, Mound Valley, Kan.

CORN, WHEAT AND ALFALFA LANDS and stock ranches \$10 to \$15. Also city property. WINONA LAND CO., Winona, Kan.

MONEY BUYS BARGAINS. We have for sale the best 160 in Allen county, located 2 mi. from Moran. All tillable, level land. Best of soil. Good improvements, beautiful location. It's worth \$75, but \$65 per acre buys it. Write for description and pictures if interested. IOLA LAND CO., Iola, Kan.

WRITE FOR OUR BARGAIN SHEET of our farm and ranch lands in W. Kansas, also choice farm homes near Wichita, Kan. Kuhlmann Realty Co., Wichita, Kan.

READ THIS. I have a well improved 240 a. farm, 2 1/2 mi. of Scipio, Kan., for sale at the owner's price \$70.00 per a. No rock or gravel, all good lime soil. No waste land. Also no trade. Other good farms in both Protestant or Catholic neighborhood for sale at the owner's prices. Cash deals a specialty. Address W. L. MORRIS, Owners Agency, Garnett, Kan.

FORD CO. LAND BARGAINS. Ford Co. Land bargains. 730 acre improved wheat farm 3 1/2 miles of Dodge City. Black loam soil. \$27.50 per acre. 160 acre improved wheat farm 3 1/2 miles Ensign. \$27.50 per acre. Wheat is making from 15 to 35 bu. per acre in Ford Co. this year. Write W. A. STURGEON, Hutchinson, Kan.

320 ACRES FOR SALE. 6 1/2 miles from Preston, all fenced and cross fenced. 220 acres in cultivation, 100 acres in pasture; good 8 room house, barn for 16 horses, granary and sheds, well and windmill. On phone and rural route. If you want a good wheat and corn farm investigate this. Price \$11,000 with good terms. CHAS. E. DYE, Preston, Kan.

MRS. AND MISS FARMER. Butter and egg money carefully invested would soon amount to a neat sum. You can buy choice residence and business lots in PLAINS, KANSAS, now at \$17.50 to \$50 on easy monthly payments without interest. Will advance rapidly. It will pay you to investigate. JOHN W. BAUGHMAN, Plains, Kansas, Desk "G."

160 ACRES in Washington county, 3 miles from town, 1 1/2 miles from German Lutheran church, 1 mile from public school. 110 acres in cultivation, balance in meadow and pasture. 4-room house, barn for 12 horses, also other outbuildings, living water; all fenced and cross-fenced, lays slightly rolling; raises elegant small grain, wheat and oats, also corn, would produce alfalfa in paying quantities. Terms \$58.00 per acre, mortgage \$3,700 at 6 per cent, balance cash. PRALIE BROS., Bremen, Kan.

AN IDEAL RANCH HOME. 600 a., 3 mi. from thriving town, 200 a. in cult., 70 a. good alfalfa land, 20 a. alfalfa. Bal. meadow and pasture. All fenced, cross fenced. Never failing spring in each pasture with timber. Good new, well finished, modern 10 r. house with concrete cave, good well soft water with windmill. New barn 32x40 ft. with good mow room, cow barn 24x36. R. F. D. and phone. Ranch can be divided into two farms nicely. Price \$45 a. WILSON & MEEKER, Winfield, Kan.

SEDGWICK COUNTY FARM BARGAINS. 280 acre first bottom farm, fair improvements. This snap \$47.50 per a. Terms, 101 a. first bottom alfalfa farm. Well improved. 40 a. fine alfalfa one mile of city, 8,000 people. \$110 per a. Good terms. 320 a. improved best alfalfa or wheat land, \$65 per a. Half cash. 80 a. farm, good land; 20 a. alfalfa, good improvements, near Wichita, \$80 per a. For bargains in good farms call on or write H. E. OSBURN, 227 E. Douglas, Room 1, Wichita, Kan.

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

Agricultural College Live near while educating your children. City, suburban and farm property for sale. Choice locations. Write your wants. L. D. ARNOLD, Manhattan, Kansas.

200 ACRES Three and one-half miles from town, 120 acres good wheat land, all well grassed, living water. Big snap. Must sell quick. Price \$8.50 per acre, terms. Other bargains. List on request. MARRS & DAY, Meade, Kansas.

Fine Half Section on Santa Fe Extension. All tillable rich soil, 11 miles from Hugoton, Kansas, to which Santa Fe Extension is building. Dark sandy loam. No waste. On telephone line and R. F. D., 1 1/2 miles from school and church. \$3,700. Will carry \$2,000 till Jan., 1914, at 7 per cent. This bargain won't last. E. J. THAYER, Liberal, Kansas.

Topeka Suburban 17 a. very rich ground located 12 1/2 blocks from state house, 3 1/2 blocks from street car and 250 feet from best paved street in Topeka. City conveniences but county taxation. About 3 a. orchard and berries; 2 a. alfalfa; 3 a. clover and bluegrass pasture, balance in cultivation. Good 7 room house, barn, 2 new poultry houses; one 3 room cottage "rents for \$5.00 per month." The improvements and 1 a. of ground are worth money asked for the whole. An ideal place for a retiring farmer or poultryman. Come and see it during Fair week. Price \$8,500.00. Address owner, E. J. Olander, 201 East 21st St., Topeka, Kan.

COFFEY COUNTY, KANSAS. In heart of corn and tame grass belt. Farms and ranches \$30 to \$40. List free. LANE & KENT, 3rd St., Burlington, Kan.

480 Acre Alfalfa Ranch Bargain 100 a. in alfalfa on good black loam soil. Will get four large crops and pasture crop. 165 a. good farm land, bal. in pasture with abundance of living water and timber. 2 1/2 mi. R. R. station. Price \$25 per a. if taken soon, good terms. B. F. HINKHOUSE, Palco, Kan.

COLORADO. BEAUTIFUL Irr. farms, fruit, sugar beets, grain, alfalfa. Ordway Land Co., Ordway, Col.

320 ACRES, close to Denver, \$3,200; all fine sandy loam soil, fenced. L. A. Cobb Inv. Co., 242 Century Bldg., Denver, Colo.

320 ACRES; snap Elbert Co.; average rainfall exceeds 27 inches per annum; excellent crops on adjoining land; 4 miles of R. R. Price \$10 per acre, easy terms. Owner, Francis James, 1734 Welton St., Denver, Colo.

FOR SALE—Beautiful level irrigated farm of 80 acres in the Greeley District of Northern Colorado. Well improved and growing good crops of alfalfa, small grain and beets. Every foot irrigated and cultivated. Under one of the best ditches in the state. Two miles from station. Will sell at a bargain. J. I. CARPER, Denver, Colorado.

FREE illustrated literature describing eastern Colorado lands where all staples grow to perfection. Prices low; terms easy. E. F. SCHLOTE, Flagler, Colo.

IF INTERESTED in cheap deeded lands where wheat will make from 15 to 40 bu. per acre, address J. H. FAIL, Yuma, Colo. The coming country of the Golden West.

GOLDEN opportunities for a home and investments—NOW. Fine farms, ranches, \$3 to \$10 per a. A few relinquishments. Did you see "bleeding, alms-receiving Kansas" become the wealthiest state per capita? Only a few hours' west of Salina, no finer soil on earth; 50 schools, 4 banks, churches, best of Colorado. Now, Pamphlet. R. T. CLINE, Towner, Colo.

THE STEWART REALTY COMPANY, located at 703-4-5 and 6 First National Bank Building, Denver, Colorado, has 4,200 acres of fine irrigated land, situated east of Pueblo on the Arkansas river; 18 sets of improvements, all under the very best of irrigation, free perpetual paid water; land in alfalfa, sugar beets and grain crops. Price for entire tract \$300,000. Would retail in 40 acre tracts at \$150 per acre. Write for full particulars.

400 ACRE FARM \$3,500 CASH. Well improved farm, 75 acres alfalfa land, 30 acres in alfalfa, one of the best places in the country for the money. It is worth \$5,000 of any man's money; improvements cost over \$1,600. There is 160 acres of deeded land and 240 acre relinquishment. The land is partly rolling, over 100 acres in cultivation. All I ask is a chance to show you this place. If you have the money you will buy this if you come and see it. Lots of other places improved and unimproved. I can show you as fine crops as grow in any country. No trades. CARL M. COOK, Limon, Colo.

EASTERN COLORADO. Rich, level, corn, wheat and alfalfa land \$10 to \$30 per a. Write to or call on G. W. DINGMAN, Stratton, Colo.

EASTERN COLORADO. Land \$10 an acre and up. Crops are good and prices are advancing rapidly. Now is the time to buy. CHAS. E. GIBSON, Flagler, Colo. (On C. R. I. & P.)

HOMESTEAD RELINQUISHMENTS. 320 a. from \$200 up. Deeded lands, \$8.00 to \$15.00 per acre. One crop more than pays for the land. Descriptive folder and copy of the NEW HOMESTEAD LAW FREE. T. J. McNEVIN, Wild Horse, Colo.

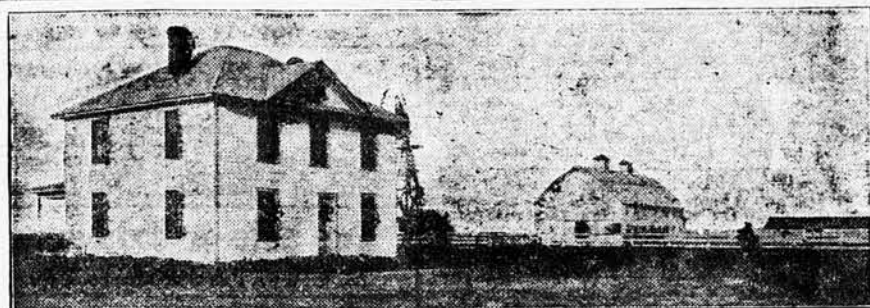
A FEW SNAPS FOR CASH. Excellent alfalfa farm, one-fourth seeded, near shipping point, \$35 per acre. 120 acres alfalfa and potato land, under good ditch, \$25 per acre. Cattle ranch, will keep 500 cattle, \$10,000.00. Several one thousand to ten thousand acre ranches. Many small farms. Write us. SHIELDS-BEGGS LAND CO., Fort Morgan, Colo.

284 A. COLO. LAND CHEAP. 124 a. clear deed, 100 of it fine valley, \$10 an acre. 160 a. homestead adjoining same class, prove up in 3 years, \$500; 5 mi. R. R. town, together or separate. Best dairy land in E. Colorado. Half cash, bal. secured. E. L. PALMER, Laird, Colo.

CHEAP LAND and homestead relinquishments in Kiowa Co., Colo. Government only requires 3 yrs. residence now with 5 mo. yearly absence. Deed land \$6 to \$25 per a. Write for full information. Chas. M. Stark, Eads, Colo.

EASTERN COLORADO offers unsurpassed opportunities for home seeker or investor. Can furnish lands in any size tracts, at lowest prices; stock ranches a specialty. Write for free county map and des. matter. F. E. EWING, Hugo, Colo.

Famous Grand Valley of Colo. and the U. S. Gov't Canal, greatest fruit country in the world. Ten thousand cars this year. 4 crops alfalfa, 300 bu. potatoes per acre. No failures. 326 days sunshine, high schools, etc. For sale cheap, 40 acres paid up water right and 80 acres under government canal. \$100 to \$150 per acre. 40 acres all you need with irrigation. J. C. VINING, Owner, 533 17th St., Denver, Colo.



FINE STOCK RANCH—2,720 acres of improved land, lying 16 miles northwest of Spearville, 6 miles south of a county seat; well improved. Barn 36x72, two-story house of 9 rooms, both house and barn are new, all necessary outbuildings, 4 wells, 55 to 90 feet to water, all smooth level land, part under cultivation. Will subdivide. Price \$18 to \$28 per acre. Liberal terms. New list free. E. W. MOORE, Spearville, Kan.

ALFALFA LANDS \$40 to \$50 ACRE EAST END OF HODGEMAN COUNTY Very best bottom land, with running water, some timber. Excellent wheat land at \$20 to \$30 per acre. Come and see or write for list. M. W. PETERSON, Hanston, Kan.

DICKINSON COUNTY BARGAINS We have many fine river and creek bottom land and also fine upland farms for sale. Good wheat, corn and alfalfa lands at reasonable prices. Write for lists. Mention this paper. BRINEY, PAUTZ & DANFORD, Abilene, Kansas.



## MISSOURI.

120 ACRE farm, only \$1,250; terms on part. Crain, Licking, Mo.

25 OZARK bottom farms. List free. Write J. H. Wright, Marshfield, Mo.

BEST imp. farms in Mo. \$60 to \$100 per a. Write A. R. Wherritt, Pleasant Hill, Mo.

120 A. farm; 100 a. in cult. Price \$2,000. Summerville Land Co., Summerville, Mo.

FINE Howard Co. farms. None better. List free. Write to C. C. Furr, Fayette, Mo.

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

BARGAINS in Ozark of Missouri fruit and timber lands. A. J. Johnston, Merchants Nat'l Bank Bldg., Springfield, Mo.

95 ACRES improved dairy farm within city limits of Richland, Mo. Price \$60 per acre. Other farms for sale. Write owner. G. R. Bakeman, Richland, Mo.

MO. farms, \$25-\$60 a. liberal terms. Prices rapidly advancing. New list and folder free. German community. J. H. Frederick, Cole Camp, Mo.

207 A. imp. farm; 150 cult.; bal. timber and orchard, tel., R. F. D. nr. R. R. station; fine water. Price \$45 per a. terms. Greene Co. Realty Co., Springfield, Mo.

IF YOU are looking for a home come to the Ozarks where land is yet cheap and climate great. List of farm, ranch and timber bargains. Write Roy Bedell & Co., 309 1/2 College St., Springfield, Mo.

STOCKMEN TAKE NOTICE. 1200 a. best stock proposition to be found considering price, location, rainfall, etc., with abundance of grass, spring water, shade. 195 mi. S. W. St. Louis on Frisco. 800 a. tillable, bal. rolling. Only \$15 a. Easy terms. Worth \$25. Let me show you. V. SWANSON, 2321 Norton St., Kansas City, Mo.

BARGAIN FOR CASH ONLY, three miles of this city, the county seat. 60 acres, 38 in cultivation, 12 timber and pasture. Splendid water, all fenced, one mile to school, fine road, on rural and telephone line. 4 room house, stone cellar under it, good barn 22x28, other outbuildings. Price \$1,800.00. \$600 cash, long time on balance at 6 per cent. Write JAS. E. WEBB & CO., West Plains, Mo., about this.

FOR SALE. 185 acre farm in Southern Missouri. Well improved, convenient to railroad. 60 acres in bearing orchard. 3,000 barrels of apples now in sight on the trees. Land finely watered, with good buildings. Rural route and telephone line. If this orchard is properly handled it should yield at least 3,000 barrels a year which will sell from \$3,000 to \$6,000 each year, according to market price. You can sell the apples on the trees for cash in hand, and not be bothered with picking and packing. This farm is good for general purposes, in addition to fruit. You can buy this at a bargain, for the owner must sell. Might consider some trade. Send for complete and detailed description. Don't wait. You get the apples. G. B. CUNNINGHAM & CO., 431 E. Commercial St., Springfield, Mo.

40 ACRES, 5 1/2 miles from Lebanon, 1/2 in cult., improved, water, fruit, good poultry farm, price \$700. F. R. CURRIE, Lebanon, Mo.

8080 ACRE STOCK RANCH For half its value for quick sale. Address owner for information. A. J. Johnston, Merchants Nat'l Bank Bldg., Springfield, Mo.

CALLAWAY COUNTY, MISSOURI, in the heart of the great grain and stock-raising section of the Mississippi Valley, offers fertile lands, good climate, ample, well distributed rainfall, reasonable prices. Write for 1912 catalog. W. ED. JAMESON, Box D. Fulton, Mo.

FREE: "Homeseekers' Review" Journal Published Many big bargains. WEST PLAINS REAL ESTATE CO., West Plains, Howell County, Mo.

## OKLAHOMA

EASTERN OKLAHOMA farms for sale by owner. Write W. A. Hancock, Pryor, Okla.

N. E. OKLA. prairie farms. Easy payments. Write J. T. Ragan, Vinita, Okla.

INDIAN LANDS eastern Okla. rain belt. Write J. J. Harrison, Pryor, Okla.

TIM WOOD, the land man, sells E. Okla. farms; for list write Muskogee, Okla.

EASTERN Okla. corn, alfalfa, wheat and fruit farms, \$10 to \$50 per a. Write Ebey & Harrison Bros., Ada, Okla.

12 IMPROVED farms near Okla. City. For prices, write Ross E. Thomas & Sons, 217 Colcord Bldg., Oklahoma City, Okla.

160 A. two mi. R. R. town, seven mi. of Co. seat, \$40 per a. Good four room house, 120 a. in cult., easy terms. J. H. Fuss, the Land Man, Medford, Okla.

182 A. imp.; 3 mi. of Kiowa. Bottom land. 80 cult., bal. timber. Most all fenced. Price \$32 a. \$2,500 cash, bal. 6 per cent. Western Real Estate Exchange, Kiowa, Okla.

90 A. imp. fruit farm, 1 1/2 mi. of station. 3,500 trees; apple, peach, pear. 5 a. blackberries. On R.F.D. Fine water. Price \$6,000. Downing Investment Co., Atoka, Okla.

BARGAIN in Kay Co., 10 a. smooth black land, 3 mi. Co. seat, well imp, good water, tele., R. F. D., price \$3,200. Terms. Write Stevens-Cronan Realty Co., Newkirk, Okla.

AUCTION sale of 160 acre alfalfa farm, 5 mi. from Goltzy, Okla. 15 head of Short-horn cattle, 60 head of Duroc hogs, 3 good horses, 100,000 bales of alfalfa hay. Sept. 18th, 1912. George W. Kerr, Goltzy, Okla.

KAY CO. bargains best in state. Fine homes. Good crops. List free. E. E. WOOD, Newkirk, Okla.

10,000 ACRES choice improved farm land, 5,000 acres raw land. I own these and will sell on easy terms. For list write I. R. KERSHAW, Muskogee, Okla.

## OKLAHOMA.

WE SELL alfalfa, broomcorn and general farm land in Garden Spot of Oklahoma. Handle meritorious trades everywhere. Correspondents all over the U. S. and Canada. Write us. Thomas-Godfrey, Fairview, Okla.

40 ACRES about one mile from Thomasville, Okla.; R. R. town, lies well, unimproved, all in timber and grass, perfect title, price \$5.00 per acre, terms. W. F. COLNOR, Heavener, Oklahoma.

1,190 ACRES solid body, this county. All prairie, 800 acres fine tillable smooth prairie land. Balance fine pasture, 200 acres in cultivation. Fair improvements, fine water, fenced and cross fenced. Hay make 1 1/2 tons per acre this year. \$18 per acre. Terms, no exchange. Write SOUTHERN REALTY CO., McAlester, Okla.

POCKET MAP OF OKLAHOMA for five names of persons in. ending to change. Caddo county corn and alfalfa land. BALDWIN & GIBBS CO., Anadarko, Okla.

WOODWARD COUNTY, OKLAHOMA. Good land \$15-\$35, advancing every day, shallow water, excellent crops, awarded world's prize last year. Write for list, price list. Gaston Bros. Realty Co., Woodward, Ok.

FOR IMPROVED FARMS in the garden spot of Oklahoma, write JOE CAKE, Hunter, Okla.

ALFALFA FARM BARGAIN. 190 a. imp. farm, 100 a. alfalfa, 10 minutes' ride on interurban from Muskogee. Price \$22,000. Terms. 600 a. imp. ranch; 300 bottom; 100 in cult. Price \$15 per a. Write F. H. ATWOOD & CO., Muskogee, Okla.

FOR SALE—THREE GOOD FARMS in Custer county, Oklahoma. Best county in the state, 160 acres each. All fenced and cross fenced. Orchards. Good water. Dwelling houses. Outbuildings. Nice rolling lands. Most of it in cultivation. A snap if taken quick. J. J. MILLER, R. F. D. No. 2, Thomas, Okla.

CORN, WHEAT, OATS, COTTON and alfalfa farms for sale by owner in E. Okla. Terms easy. Cam Doneghy, Muskogee, Okla.

TO ACTUAL FARMERS. Come and see me if you want to own a home farm of good land, deep soil, no rock, no hardpan, 42 inch rainfall, \$30 to \$40 per acre; long time; easy terms. No trades. CHAS. WHITAKER, Eufaula, (Eastern) Okla.

GOVERNMENT AUCTION sale of lands in Eastern Oklahoma. No homesteading required. \$3 to \$20 per acre. Splendid opportunity for the investment. For information write Crowder Trust Co., 247 Bond St., Crowder, Okla.

## Eastern Oklahoma

Land \$3.00 to \$25.00 per a. Prices are steadily advancing—now is the time to buy. If you want a good, cheap home, or a money making investment, write to or call on W. T. HARDY, McAlester, Okla.

IN THE RAIN BELT Muskogee county Okla., due south of Kansas City. 24 farms for sale by the owner. Write for price list, state map and illustrated booklet. BEARD LAND CO., Muskogee, Okla.

SEMINOLE NATION FARM BARGAIN. 320 a. improved, 12 mi. of Wewoka, Okla. Population 2,200. On main line of Rock Island R. R. Rich black and chocolate loam river and branch bottom land. Will produce 60 to 70 bushels of corn per a. 6 to 7 tons of alfalfa annually per a. Located in heart of the famous Seminole nation and Oklahoma rain belt where oats, corn, wheat, cotton and milo maize are chief products. Price \$17.50 per a. Terms. For further information write CANADIAN VALLEY LAND & INVESTMENT CO., offices McAlester and Wewoka, Okla.

Oklahoma Wants You 500 choice farms all sizes; easy terms; big crops this year; ex. changes negotiated; liberal contracts to agts. Write Kysar Realty Co., Goodland, Kan.

Indian Lands for sale, 300 choice farms. N. E. Okla., low prices. Easy terms. Perfect title. E. T. TETER & CO., NOWATA, OKLA.

GET A FARM ON PAYMENTS Oklahoma farm lands to actual settlers on time payments with or without any cash. List of 120 farms to select from. Write for list and prices. JOSEPH F. LOCKE, Wynnewood, Okla.

## LOUISIANA.

ALFALFA farm practically free to experienced grower under 30 yrs. Want start industry. R. A. Shotwell, Mgr., Chamber of Com., Monroe, La.

GOOD FARMS FOR RENT. In rich Red River Bottom, near Shreveport, La.; no overflow, no better lands anywhere for corn, alfalfa, wheat, oats, and cotton. Cash or part crops, good house and barn. Only good tenants with references wanted and who can farm 320 acres or more. ALLEN & HART, 308 Commerce Bldg., Kansas City, Mo.

## NEW YORK

FINE FARM—LOVELY HOME—LAST YEAR'S INCOME \$6,400.

225 acres; grand location; 16 room brick house; something good; hot and cold water; 2 barns, 30x80, 24x42; painted up nice; 2 fine silos; will include 40 fine young Holstein cows, pair 4-year-old horses, sound, corn harvester, binder, mower, rake, wagons, gasoline engine, ensilage cutter, carrier, harness, cultivators, sulky plows, land roller; all tools are fine condition; plenty other things; all for \$15,000, part cash. HALL'S FARM AGENCY, 1300 Lake St., Elmira, New York.

## ILLINOIS.

RICH Illinois land \$25 per acre. Address S. H. Morton, 706 Chestnut St., St. Louis, Mo.

## CANADA

OWN YOUR HOME in Canada. Buy a farm in Sunny Southern Alberta, any size, easy terms. Climate ideal, soil unequalled, no crop failures, no personal tax. Write today. Lynn W. Barrett, Aldersyde, Alberta.

## NEBRASKA

FOR GOOD CROPS without irrigation come to Kimball county. Wheat 30 bu.; corn 40 bu.; oats 50 bu.; potatoes 200 bu. Raw farm land at \$10 to \$15 an acre on good terms. J. A. TRACY, Kimball, Neb.

## IDAHO

FOR HIGH CLASS IRRIGATED LAND with plenty of water, lava ash soil and an ideal climate, good fruit, grain and dairy country, address THE STILSON-BLODGETT LAND CO., Gooding, Idaho.

RICH, productive, deeded land on railroad; excellent markets; schools; free range; lowest prices; unequalled opportunity for homebuilder or investor; descriptive bulletin giving full particulars. Write at once to BEAR RIVER VALLEY LAND CO., Montpelier, Idaho.

## ARKANSAS

We have 200 farms to dispose of at once in Arkansas, where the winters are short and the summers are mild. Fruit farms, strawberry farms, grazing and farming lands a specialty, ranging from \$15.00 to \$40.00 per acre, in tracts of 40 to 3,000 acres. Write us what you want and we will fill the bill. Address JAGGERS & HALL, Walnut Ridge, Ark.

## Scott County, Arkansas

where land values are steadily advancing. Prices range from \$10.00 an acre up. Fine for fruit, stock raising and general farming. Get our new list. Mail free upon request. SANFORD & SANFORD, Waldron, Ark.

For Sale in Southwest Arkansas

80 improved farms at a price ranging from \$15.00 to \$40.00 per acre. Write for literature. SOUTHERN REALTY & TRUST COMPANY, Ashdown, Arkansas.

## ARKANSAS

FOR SALE—373 a. fine land, 80 in cultivation, 60 in pasture, bal. timber, good house, barn, orchard, 2 mi. from town and R. R. BIG BARGAIN. \$2,500.00. F. J. Ray, 105 Center St., Little Rock, Ark.

160 A. improved, red loam soil; 80 cult.; 18 hay meadow; \$20 a. 80 a. creek dark loam farm; 25 cleared, fenced; \$15 a. Easy terms; good crops; on R. R. ROBERT SESSIONS, Winthrop, Ark.

BARGAINS in North Ark. Good valley farms and cheap dairy and grazing land. WATT & POTTER, Hardy, Arkansas.

ARKANSAS FARM LANDS. 400 acres, well improved, close in, \$12,000. 80 acres \$700. 120 acres \$2,500. 60 acres \$850. 123 acres \$1,500. For description and terms, H. J. HALL, Waldron, Arkansas.

ARKANSAS LANDS. For fruit or general farming, at much less than their actual producing value. Fruit, berries and all staples grow to perfection. Land values are advancing rapidly. New list free. COLLINS & HUNSAKER, Decatur, Benton Co., Ark.

\$60 BUYS 40 ACRES. Frank Kendall Lumber Company has 20,000 acres of cut-over lands, fine for agricultural purposes, close to Pine Bluff, a good market, fine climate, no cold winters, 48 inches rainfall per year, good schools and churches. We are selling these lands at \$15 per acre, \$1.50 per acre cash, balance any time in 20 years, 6 per cent interest. These lands are selling very rapidly. Address FRANK KENDALL LUMBER COMPANY, Pine Bluff, Ark.

BEAUTIFUL OZARKS OF ARKANSAS. Flowing springs, fertile valleys. Fruit, grain, timber lands for sale. Easy terms. J. C. MITCHELL, Fayetteville, Ark.

A FARM FOR YOU IN ARKANSAS. 40 acres GOOD LAND \$600.00, on these exceptional terms: Note for \$400.00 due in 6 years, 6 per cent interest payable annually. Balance of \$200.00 payable \$5.00 cash, \$5.00 per month, without interest. No taxes during installment payments. Larger tracts proportionate terms.

Our sixteen years' experience is at your service in investigating Arkansas. Real Estate Department, TEXARKANA TRUST COMPANY, Texarkana, Arkansas. Colored map of Arkansas for 10 cents.

## FOR SALE OR EXCHANGE

GROCERIES and merchandise for farm. Other trades. F. Gass, Joplin, Mo.

I SELL or trade land or goods. Describe your wants. F. H. Brown, Golden, Mo.

BUTLER CO. farms for sale or exchange. For list write J. C. Hoyt, Eldorado, Kan.

EXCHANGES, all kinds, everywhere. What have you? Overlin & Son, California, Mo.

BUY OR TRADE WITH US—Exchange book free. Bersie Agency, Eldorado, Kan.

600 FARMS and other prop. for sale or ex. Blackwell Real Estate Co., Blackwell, Okla.

WRITE FOR LISTS, sale or exchange. The Eastern Kan. Land Co., Quenemo, Kan.

WANTED—Grocery stock invoice \$2,500.00 to \$3,000.00, in exchange for good farm. Her & Simmons, Garnett, Kan.

BOOK 1,000 farms, etc., everywhere, for ex. Get our fair plan of making quick square trades. Graham Bros., Eldorado, Kan.

FARM BARGAINS—In western Missouri, eastern Kansas and Arkansas. Send for descriptive literature. T. S. Wilson, Hume, Mo.

GREAT bargains in Sherman Co. farms; all sizes; easy terms; big crops this year; ex. changes negotiated; liberal contracts to agts. Write Kysar Realty Co., Goodland, Kan.

TOPEKA HOME to trade for farm eastern Kansas—7 rooms, closets, bath room, city water, gas, barn, 3 lots, sewer, etc. Bargain. \$2,500. Owner, 146 Hill St., Topeka, Kan.

I OWN some well imp. land in Kan. and want to get into the gen. mdse. or hdw. business. Want stock up to \$20,000. Write me. H. U. Porter, Quinter, Kan.

FOR SALE OR EX. Section fine alf. and wheat land near Russell Springs, Kan., for quick sale will take \$7.50 a., might use good stock hdw. C. K. Leslie, Coweta, Okla.

TO SETTLE an estate I will sell a 320 a. stock farm, Cowley Co., Kansas, for only \$50 per a. Other farms and ranches. Exchanges a specialty. L. A. Foster, Arkansas City, Ks.

WANTED: A small hotel doing a good business in exchange for well improved 80 acres in S. W. Missouri. Send description and price at once. J. M. Mason, Columbus, Kan.

FARM BARGAINS—Good Anderson county, Kansas, farms at bargain prices; farms to exchange for merchandise or rental property. Four Square Land Office, Colony, Kan.

N 1/2 OF SEC. 11-12-18, Ellis Co., Kan.; all bluestem; \$30 per acre or trade for auto, city property or livestock and carry balance on land at 7 per cent. Will sell 80, 160 or all. Owner, G. L. GARLINGHOUSE, 608 Kansas Ave., Topeka, Kan.

WANT quick trade, 320 all fine wheat and corn land, 200 cult., 10 mi. town, price clear \$8,000.00; also fine 320 which is 8 miles of town all in cult., best of soil, price \$6,500 clear; will trade either one of these farms for an improved farm and assume reasonable encumbrance; prefer locate near Wichita or central Kansas. BUXTON LAND CO., Utica, Kan.

CLEAR \$12,000 hardware stock, east Kansas, to trade for stock and grain farm. BREMEYER, McPherson, Kan.

COFFEY CO., KANSAS, corn and alfalfa lands, low prices and easy terms; exchanges of all kinds; list and map free. LE ROY REALTY CO., LeRoy, Kan.

WILL exchange 1/2 sec. imp. near El Reno, value \$18,000, for grass land Kansas. Unusual proposition. W. J. Finch, El Reno, Okla.

IF YOU WANT TO BUY or trade for Sherman Co. land, where crops are good, write to or call on the GLIDDEN R. E. CO., Goodland, Kan.

FOR SALE AND EXCHANGE. W. and C. Kan. land, city property, mdse., and other good propositions. What have you? Fugate & Fugate, Newton, Kan.

FARM BARGAINS For sale or exchange, any size, price or where. We can match any trade. LATHAM & DORR, Wichita, Kansas.

FOR SALE—Choice wheat, corn, and alfalfa lands, in Clark, Ford, and Meade Cos. Write for list, trades. NATE NEAL, Real Estate, Minneola, Kan.

PHILLIPS CO., Kan., lands for exchange. 240 a. impr., \$40, want eastern Kansas. 200 a. impr., \$50, want eastern Kansas. 400 a. impr., \$30, take part in western—carry bal. I. R. ELDRED, Phillipsburg, Kan.

FOR SALE AND EXCHANGE. Telephone plant, first class, good town. S. C. HOLMES, Yates Center, Kan.

FOR A QUICK SALE or exchange of real estate, address FRED J. HALL, Eldorado, Kan.

FOR EXCHANGE. 320 a. creek bottom, alfalfa land, impr., 225 a. in cult., 5 mi. county seat, near school. Address W. J. Williams, Wakeeney, Kan.

MERCHANDISE FOR LAND. \$6,500 stock gen. mdse. and \$4,000 shoes and clothing. We have the following for mdse.: 160 a. San Luis Valley Irr., \$100 a. 520 a. W. Okla., well improved, \$25 per a. Three good Wichita income properties, \$15,000. Kansas Investment Co., Wichita, Kan.

IF YOU WANT TO SELL or trade your farm or stock of merchandise list it with me and I will find you a deal quick. E. A. MILLER, Centuria, Kansas.

FINE FARM TO TRADE FOR BRICK BUSINESS PROPERTY. 160 acres in Allen Co., Kansas, 1 mile from new cement plant and brick plant, 1/2 in cult., balance grass, lays good, fair improvements, good water, good black land. Will trade for good brick or stone business property in good town. Address WILSON & RESSEL, Colony, Kansas.

For Sale or Exchange Good rich tillable land in Oklahoma. R. T. WRAY & CO., Tyrone, Okla.

For Sale or Exchange Land in the great corn belt of Missouri, Kansas and Nebraska. Also Ranches. If you wish to make an exchange address M. E. NOBLE & SON, 507 Corby-Forssee Bldg., St. Joseph, Mo.

240 Acres of Irrigated Land

close to Amos, Colorado. Will soon be in the city limits. Price \$100 an acre. Also \$2,000 worth of city lots in Oklahoma City. Will take gen'l mdse. or hardware store, not exceeding \$20,000 to \$24,000. STEVENS & RUBY, Stockton, Kan.



## What's Doing in Western Kansas

(Continued from Page 2.)

system and last year his wheat averaged 20 bushels, while the average number of bushels for that county could have easily been counted on the fingers of one hand. His wheat, always long in straw, is headed high. Then, contrary to all teachings of scientific farming, he burns the stubble. After that the ground is double disked and left in that condition over winter. Another disk in early spring holds in the winter moisture and in a few weeks, when the weeds are 4 to 5 inches high, the ground is plowed. Thus a green-manure crop is turned under and on this particular operation Mr. Krueger puts considerable faith. Occasional harrowings are followed by a second plowing in early summer when another crop of weeds is turned under as green manure. Then a surface mulch is maintained until seeding time.

In seasonable time Mr. Krueger will tell of his wheat growing experiences in detail through Farmers Mail and Breeze.

Next to seasonable rains, what the western farm needs most is livestock and this fact was pounded in hard as it always is at any gathering tending to promote farming interests. The station at Hays has the distinction of carrying out the most comprehensive experiment on the cost of keeping beef breeding stock ever attempted by any station in the world. It was started in 1907 and closed in the fall of 1911. One hundred average grade cows, costing approximately \$25 each, and representing each of the four principal beef breeds were taken to Hays and strict records kept on all they produced and consumed. The results are both interesting and valuable.

## What Can Be Done With Livestock.

Each herd contained 25 cows and the following table shows the record of their prolificacy for three years, together with average weights on October 1 following:

	Shorthorn	Hereford	Angus	Galloway
No.	No.	No.	No.	No.
1909..	24	308	35	370
1910..	25	362	35	387
1911..	21	405	34	384

This table shows weights and values of the produce of these cows on November 1, 1911:

Breed and age	Av. weight	Av. value
2-year-olds	Nov. 1, 1911	Nov. 1, 1911
Shorthorn	954.1	\$45.30
Hereford	902.3	46.83
Angus	895.9	46.83
Galloway	923.1	45.99

Yearlings		
Shorthorn	693.9	\$4.94
Hereford	681.8	34.18
Angus	663	35.12
Galloway	629.7	31.56
Shorthorn calves	425.0	23.50
Hereford calves	383.1	20.93
Angus calves	385.3	21.25
Galloway calves	351.4	20.29

## Cost of Feeding Young Stock.

Something of the cost of feeding the young stock may be gained from this table. It represents the value of feed consumed by each herd, in pasture, roughage and grain, after the calves were weaned and up to the time the experiment closed November 1, 1911:

	2-yr.-olds	Yearlings
Shorthorns	\$38.24	\$15.63
Galloways	38.55	15.66
Angus	40.48	17.53
Hereford	39.32	16.42

The cause of livestock was championed at the convention by Director Ed. H. Webster of the Kansas Experiment station, Prof. W. A. Cochel, the new head of the animal husbandry department at Manhattan, and G. C. Wheeler, silo expert of the College extension department. Dean Webster, a former head of the dairy division at Washington, made a particularly strong plea for the dairy cow on western Kansas farms.

## The Western Farmers' Great Future.

The talks at the indoor sessions by Dr. J. H. Worst, for 17 years president of North Dakota Agricultural college and ex-president of the International Dry-Farming Congress, were the outstanding features of the convention. He believes in the Great West and in its ability to furnish a large proportion of the country's food supply in the future. "Much of the bread of the future will come from the desert of the past," was the apt way in which Dr. Worst expressed it. "Men are living today," said he, "who have seen the population of the country grow from 30 to 100 millions, and children already born will see the day when 350 millions must be fed,

clothed, housed and governed with practically no more land available to accommodate the demands of these increased millions. That is the monumental problem before the country today and the only way to meet the situation is to improve farming methods, breed up and improve plants so as to increase the producing capacity of the soil."

## A Scheme Kansas Should Try.

In his own state, Dr. Worst is backing a project to have a row of trees planted every mile and extending the entire breadth of the state from north to south. The benefits to be obtained from the carrying out of such a plan are not overestimated and yet the cost need not average more than \$12 for every quarter section of land traversed. Dr. Worst recommended the same thing for Kansas, particularly the western part of the state. These miles upon miles of trees would temper the hot winds, check the fury of blizzards in winter and hold the snow; they would harbor birds enough to keep down all insect ravages, furnish fuel and posts, and would have a score of other beneficial influences, while the disadvantages are hardly worth mentioning.

## Wanted—A Man as Good as TenEyck.

This convention was the last with A. M. TenEyck as head of the Hays Experiment station, as his resignation takes effect January 1, 1913. Regret was expressed on all sides over the loss of his services to Kansas farmers. Resolutions expressing this sentiment and petitioning the board of regents to use every effort to find a man of equal ability as his successor, were unanimously adopted. Progressive western Kansas farmers see in the station at Hays a means that will help them to better things, as the conditions there are typical of practically two-thirds of the state.

Most of the old officers of the organization were re-elected. They are: E. D. Wheeler, Wakeeney, president; E. C. Prather, Oakley, vice president; F. S. Iddings, Monument, second vice president; J. C. Hopper, Ness City, third vice president; John Travis, Plainville, fourth vice president; F. A. Kiene, Hays, secretary; J. R. Crittenden, Hays, treasurer.

Executive committee: E. D. Wheeler, F. A. Kiene, R. C. Fisher, Plainville; Alvin Long, Hill City; Albert Weaver, Bird City; and the future superintendent of Hays Branch Experiment station.

## When Laying Prepared Roofing

(Continued from Page 11.)

knotholes. If any are accidentally driven there insert a small patch between the laps and directly under the hole, then cement tight.

For covering shingle roofs a good plan is to remove all shingles and fill the spaces between the roof boards with wooden strips. Drive all nails tightly into the wood or pull them out. If roofing is laid over the shingles a 1/2-inch nail is none too long. See that no old shingles or nails project.

Brashear, Mo. M. B. Sherwood.

## The Western Kansas Outbreak

(Continued from Page 2.)

state board of health, believes it is extremely important that the bodies of all horses dying of the disease be burned or buried at once. He believes the disease is infectious and that coyotes and birds may transmit it to other animals.

## Washington's Slow Response.

Many Kansas veterinarians and a majority of the officers of the state veterinary board are at work in the affected district. Governor Stubbs has placed \$2,000 of his contingent fund at the disposal of the state livestock sanitary commissioner for combatting the disease, with the promise of further financial assistance if needed. The governor also sent the following telegram to President Taft at Washington:

Thousands of horses are dying from strange disease in eight counties. We are in urgent need of the ablest and best veterinarians in the government service. Telegraphed Secretary of Agriculture Wilson two days ago for assistance from federal government. I cannot hear from him. Kindly urge him to send his best men at once in compliance with my request. Situation is grave. W. R. STUBBS, Governor.

Governor Stubbs's way of getting action appears to be very annoying to

the Washington bureaucrats. After the customary amount of red tape had been unwound and cut off, the department of agriculture announced that it had sent an inspector to Kansas. A force of expert veterinarians from the department's bureau of animal industry would have come nearer measuring up with the emergency but it takes time to "wake 'em up" in Washington.

## What Breeders Are Doing.

(Continued from Page 31.)

the type by judicious selection and mating of sires and dams, the actual improvement in size combined with easy fleshing and early maturing qualities, are achievements which place Robt. H. Haslett in the front rank of America's constructive breeders. That the splendid work in the breeding of Herefords at Hazford Place was accomplished by using sons of Beau Brummel, the greatest bull in American Hereford history, and that the best results were obtained by the mating of Beau Beauty and Beau Brummel 10th, two of the best sons of Beau Brummel, with females related close up to that celebrated sire, is a lesson of interest to the student in the principles of breeding—remembering the method of kind treatment, good feeding and careful management practiced at Hazford Place. The principle of selection is so rigidly enforced at Hazford Place that only the bulls that the most exacting breeder would not hesitate to use are retained for breeding purpose, and all inferior bull calves and cull heifers are consigned to the feed yard. It is safe to say that Hazford Place is unsurpassed by any other breeding establishment for number and quality of the herd bulls and for the size and uniformity of the breeding herd of cows. Only by a visit to the farm can a correct appreciation be formed of the character of Hazford Herefords, the uniformity in type, the extra size, strong middles; broad, smooth backs; heavy quarters, good heads; handsome drooping horns and fine markings. Every admirer of good cattle would enjoy a day spent with Mr. Haslett at Hazford Place and will long remember with pleasure the privilege of looking over this herd of Modern Herefords.

## Editorial News Notes.

On page 15 appears the new ad of the Galvanized Steel Cupola Company of Owatonna, Minn. It is a useful appliance that is offered in the ad. It furnishes ventilation in the barn and furnishes it in the right way, and it is attractive in appearance. Write this company for complete information, mentioning this paper.

No state is receiving more attention than the great and coming state of Arkansas. The uplands of Arkansas are in increasingly great demand. On page 18 is a full page announcement of the F. W. Smith Lumber Co., 201 Midland Bldg., Kansas City, Mo. It will require careful reading. It will pay to send for the free booklet.

There are going to be two kinds of corn crops in Kansas and Missouri this year. The first is, of course, the grain crop which promises to be a bumper one; the second is a crop of pesky little corns which make you wish that you could walk on your head. The Cactus Remedy Co., of Kansas City have discovered a sure cure for those annoying corns. It is known as the "Cactus Corn Callous Compound." To get the best results from this remedy it should be applied with the quill (which comes in each package) each night for two or three days. The corn or corns then come out without any dangerous cutting. "Cactus" also cures bunions of all kinds and callouses. Cactus Corn Callous Compound can be secured from all druggists at 25c or will be sent direct by the Cactus Remedy Co., Kansas City, Mo. See ad on page 31.

## Four Big Papers For \$1.25

The Mail and Breeze is enabled to make the biggest clubbing offer it has ever had, and for only \$1.25 will send all four of the following papers for one year each:

The Mail and Breeze, of which nothing need be told our subscribers or those reading this copy of the paper. It speaks for itself.

The Household, a large family magazine, containing the choicest stories and departments of particular interest to lady readers.

The Twice-a-Week Republic of St. Louis, the oldest and best semi-weekly newspaper in the entire Southwest.

Farm Progress, a big semi-monthly farm and agricultural paper which should be read by every farmer. No liquor advertising is printed in any of these papers.

Remember, all four of these big papers will be sent to one address or to four different addresses if so desired for only \$1.25. If you are a subscriber to any one of these papers your time will be advanced another year. The regular price of these papers, if taken separately would be \$2.25. Why not save \$1.00 and buy this combination? You will be supplied with the best class of reading matter for a full year. Don't fail to mention the names of these papers in sending in your order. Send your order to the Mail and Breeze, Topeka, Kan.

The best scheme in dropping boards yet devised is a hinged platform made of matched boards that may be swung up out of the way when cleaning the house.

## Florida Lands For General Farming

We have 10,000 acres of the best farm land in Central Florida for sale in tracts of 40 acres to 640 acres. Land nearly level, good drainage, splendidly adapted for raising vegetables, grain, livestock and citrus fruit. When the purchasers of Florida land get away from the 5 and 10 acre idea and buy lands and farm them as they do in the West the results will be far beyond those realized by western farmers. Prices \$25 per acre to \$40 per acre. Terms very easy. Address

Howard-Packard Land Co.,

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## ARKANSAS

50 A., 1/2 cult., small bldgs., good water. \$750 quick sale. Porter Land Co., Horatio, Ark.

IF INTERESTED in N. E. Arkansas farm and timber lands, write for list. F. M. MESSEY, Walnut Ridge, Ark.

FREE information about Ark. general farming, fruit or stock raising land, at low prices. Virgil J. May, Booneville, Ark.

RED RIVER corn and alfalfa farms, \$30 to \$50 per acre; income \$50 to \$80 per acre. List free. L. A. JUSTUS, Foreman, Ark.

FOR des. literature, city props., Ark. and Okla. farm, fruit, timber and grazing lands, write Moss, Hays & Co., Sholan Springs, Ark.

IF YOU WANT A GOOD HOME for a little money write to MISSES BURKS & PATTON, Monticello, Ark.

BARGAIN 80. 1/2 ml. from town; 65 a. cult.; 10 a. bearing orch., all crops included. Robt. Workman, Everton, Ark.

COEN, FRUIT, ranch and wheat lands; sandy loam soil; \$10 to \$25 per a. On good terms. Write for new list, mailed free upon request. Mansfield Realty Co., Mansfield, Ark.

IF YOU WANT TO BUY ARKANSAS LAND Write S. C. Dowell, Walnut Ridge, Ark. Finest farming, timbered and rice lands in the state at lowest prices. No trades.

## TEXAS.

TEXAS LANDS. 11,000 a. fine grass land \$4.00 per acre. Abundance of water. Easy terms. Cord Smith, Topeka, Kan.

FREE ILLUS. literature describing land in the famous Texas mid-coast country. Smith Diebel Land Co., Victoria, Tex.

TEXAS GULF COAST LANDS—\$7,000 a. of the best to sell to actual settlers. Write today. A. B. Armstrong, Guthrie, Okla.

WRITE FOR FREE literature describing choice lands in the Eagle Lake district. Send your name today. Fidelity Immigration Co., Eagle Lake, Tex.

CHEAP patented state school lands, South Texas. \$1 a. cash, bal. ten years. For all particulars write F. A. Connable, Trustee, 442 Commercial Bank Bldg., Houston, Texas.

RAINS ABUNDANT; crops fine; land values will double quickly. We are expert farmers, 40 yrs. experience, and will give your business honest attention. Agents wanted. White Brothers, Plainview, Texas.

COLONIZATION tracts, potato and corn land in different sized tracts. Eagle Lake Investment Co., Eagle Lake, Texas.

LAND FOR SALE IN TEXAS. One tract of 19,000 acres at \$8 per acre. Smaller farms and ranches. Write W. B. ODOM, Hondo, Texas.

YOU CAN'T AFFORD TO MISS THIS ONE! A well improved river bottom farm at \$20 per acre. Easy payments. Write for particulars. Many other great bargains. J. C. SCHOFIELD, Edna, Tex.

BRAZORIA COUNTY, TEXAS. 100 acres, sandy loam, prairie land, well drained; very fertile. Price \$20.00 per acre. Terms. Write me for bargains, any size tract. W. D. GRAHAM, Velasco, Tex.

\$10 CASH and \$10 per month buys 5 acre homestead on shell road and railroad, forty minutes from Houston. Very attractive. Write for literature. L. A. KOTTWITZ, 431 Commercial Bank Bldg., Houston, Tex.

CHEAP LANDS. Big crops. Big bargains. Big country. Wheat yielding 20-40 bu. Best lands at lowest prices. Join the excursion. Come with the crowd. Write for par. J. N. JOHNSON LAND CO., Dalhart, Tex.

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LAND BARGAINS IN THE SUNNY SOUTH. Farms, ranches, timber lands, colonization tracts. Beautiful illustrated descriptive booklet, Texas map, and land list FREE. GREENFIELD REALTY COMPANY, Southwestern Life Bldg., Dallas, Texas.

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FREE TRIP TO TEXAS and \$125 in cash to anyone selling 15 lots in our new town. Any man or woman of good local reputation can sell these in a few days. We sell choice farm lands on terms to suit. The country of biggest alfalfa and finest fruits. Write today. STRATTON LAND COMPANY, Chicago, Ill.

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To celebrate the completion of our new fireproof plant, we have started a sale that has startled the country. So great are the price reductions, so vast and varied is the stock, so wonderful are our new facilities for quick shipment, that the public is simply paralyzed. If you are ever going to build, if you are ever going to remodel or repair your house, barn or other buildings, if you are ever going to buy Building Material, now, now, now is the accepted time—the supreme opportunity to save big money—to make every dollar go twice as far as before. Such stupendous bargains, such money-saving offers, such high quality for so little money, may never, never, never come again. Delay may cost you dearly.

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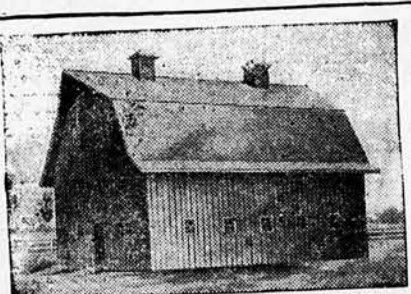
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