

The FARMERS MAIL AND FREEZE

Vol. 45.

October 23, 1915

No. 43.



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The Get-Together Idea Wins

The co-operative movement is making rapid progress among the grain farmers. This has come about because of the big progress and large profits made by the union elevators in the last two seasons. Here are the notes about this progress in the last issue of the American Co-operative Journal:

WHITING—The Farmers' Elevator and Supply company has completed a new elevator of 15,000 bushels capacity. Ray Vernon took charge of the business September 1 as manager.

GYPSUM—Renewed efforts are being made to organize a co-operative company to build an elevator at this point. A capitalization of \$10,000 is planned, the organization to be perfected as soon as \$6,000 is subscribed.

BELOIT—The headquarters of the Mitchell County Farmers' Union, formerly at Cawker City, have been moved to Beloit. The Mitchell County Union is one of the most successful farmers' co-operative concerns in the Southwest, operating five elevators, four stores and two oil stores. H. E. Witham will continue as manager.

JETMORE—The Jetmore Co-operative elevator is ready for business. The elevator has a 20,000 bushel capacity and equipped with every late appliance for facilitating the handling of the grain. C. H. Dunlap, who was formerly secretary of the Dodge City Commercial Club, manages the new elevator. The officers of the Jetmore Co-operative association are: John Love, president; John Whiteside, vice president; and C. Schrimmer, secretary and treasurer.

GAYLORD—R. D. Hagadorn is manager of the Smith County Farmers' Union Co-operative association, which has recently taken over a local elevator there.

NORTON—A 15,000 bushel elevator has been completed here for the Norton Co-operative association. The building is iron-clad and the plant is run by electricity.

BREWSTER—Plans are completed for the erection of an elevator here by the Farmers' Elevator company. The new building is to cost \$6,000, and will be completed in time to care for this year's corn crop.

GRAINFIELD—The Farmers' Co-operative Business association has secured J. O. Brandenburg as manager of the new elevator which will be in operation about the middle of this month.

BUCKLIN—The Bucklin Co-operative Exchange is the new name of the farmers' company at Bucklin, formerly known as the Bucklin Co-operative Elevator & Supply company. The capital stock has been increased from \$10,000 to \$20,000.

VLIETS—A 10,000 bushel elevator is being erected at this station by the Farmers' Union.

WELLS—The Wells Co-operative Elevator company, organized last summer, has completed a 15,000 bushel elevator. The new building is modern in every respect, and is equipped with the best machinery.

CENTRALIA—H. A. Meyer has been made manager of the Nemaha County Farmers' Union Elevator company which opened its elevator on August 1. He reports a good business.

JOHNSTOWN (Lindsborg P. O.)—It is reported that the Farmers' Elevator company at McPherson will erect an elevator at this station in the near future.

KINGSDOWN—W. W. Gibbons is manager of the Kingsdown Co-operative Equity exchange, which is building a 25,000 bushel elevator at this place. The new building, which is to be of steel and concrete construction, will be completed before December 1.

A Sensible Note

Governor Capper struck a sensible and practical note yesterday in Wichita when he inveighed against the one-year farm lease evil which he declared was growing here. Tenantry in any form is bad enough, because the direction it points is not towards a desirable economic development. For there is no element of evolution in this republic so completely discouraging as the alarming growth of tenantry. The stormiest days the future conceals for this country have to do with that era when the extremes of society have come to be a rich land-holding class on the one hand and a class of land-tilling renters on the other. Anything which will help drift the nation away from tenantry, therefore, is good and anything which will improve

tenantry will help eliminate it. The prosperous tenant is on the way to become an occupying owner always. The one-year lease not only impoverishes the land and results in deterioration of property, but it keeps the tenant himself on the down grade of material prosperity. It is not good for the property of the land holder, it is harmful to the renter and, if it becomes widespread as Governor Capper seems to fear, it can be disastrous to the nation. We can afford to be slipshod and short-sighted in many matters as a free and easy people with little thought of the future, but we cannot be safely careless in the gravest problem the nation has or can have—the problem of ownership in and conservation of land.—Wichita Eagle.

Bees Must Be Warm

It is entirely practical, say specialists in the United States Department of Agriculture, for beekeepers to reduce their winter losses to less than 1 per cent. At present the loss is at least one-tenth of the colonies and this minimum is frequently increased to one-half or even more.

This unnecessary waste is ascribed in a new publication of the department, Farmers' Bulletin No. 695, to two causes, inadequate stores and excessive heat production, forced upon the bees by insufficient insulation of the hives. No beekeeper, declares the bulletin, ever gave a colony too much protection in the winter; if the majority were to give enough, winter losses would be vastly decreased.

The purpose of the beekeeper should be to maintain a temperature about the bees of approximately 57 degrees F. When the temperature in the hive falls below this point, the bees form a cluster. Those in the center begin to generate heat by muscular activity, and those on the outside crowd together to prevent the escape of the heat the others are generating. The lower the temperature outside of the cluster is permitted to fall, the more heat must the bees produce inside where the temperature frequently reaches 90 degrees or even more in abnormal colonies. Prolonged excessive heat production exhausts their vitality and even if they survive the winter they are unfit for the task of brood-rearing in the spring. This is usually the cause of "spring-dwinding." The adult bees, worn out by the hard winter, die faster than the young ones emerge and the population diminishes.

Increased heat production also causes increased consumption of stores. This in turn leads to an accumulation of feces with consequent irritation, further activity and more heat production. Sometimes the bees are unable to retain the feces and they are then said to be suffering from dysentery.

These facts emphasize the necessity of properly insulated hives in any locality where the temperature often falls to 40 degrees F. It is not possible to give the bee hives too much insulation. To give them too little is very easy and practically universal. As a means of insulation any of the various materials in common use, such as sawdust, chaff, broken cork, shavings, paper, dry leaves, and the like should prove satisfactory. With sufficient insulation the exact method of packing is also comparatively unimportant. A common practice, however, of packing hives at the sides, top, and rear only, leaving the front facing the south and unprotected, is to be condemned. The theory of course is that the heat of the sun will warm up the interior of the hive and reduce the work of the bees. Any channel, however, which admits heat into the hive will also let it out, and as in winter the sun shines even on clear days for only a small portion of the 24 hours, more heat is lost than gained by this method.

Horse Broken Out With Rash

A horse of mine is broken out all over the body with what look like boils. They do not run, but his skin is rough with them. He eats well and does not act sick in any way. He is slightly stiff.

Douglas County, Kansas. L. C. R.

Your horse is affected with the condition known as summer rash. It may be treated successfully by the internal administration of a tablespoon of powdered saltpeter in the feed morning and evening, and in addition, washing the outside of the body with a solution of 1/2 pound of baking soda in 3 gallons of lukewarm water.

Dr. R. R. Dykstra.
Kansas State Agricultural College.



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THE FARMERS MAIL AND BREEZE

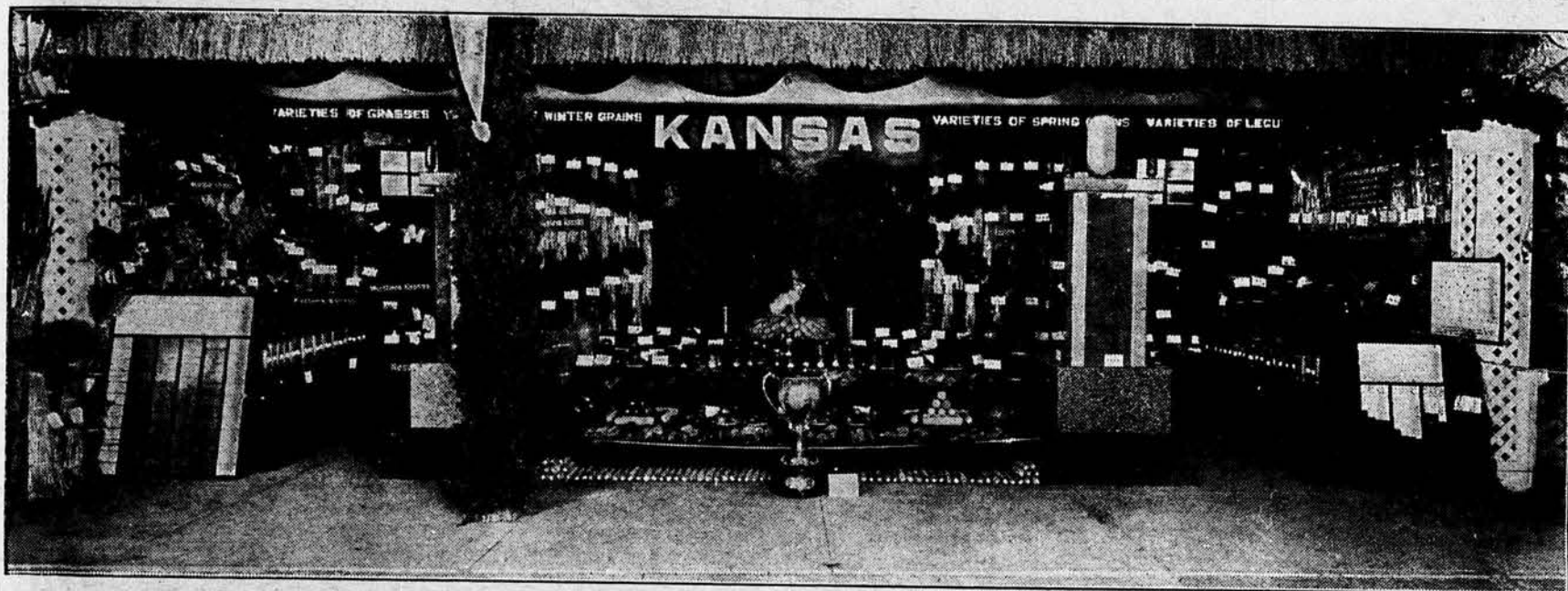
An Agricultural and Family Journal for the People of the Great West



Volume 45
Number 43

TOPEKA, KANSAS, OCTOBER 23, 1915

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Farm Shows But Few Farmers Summer Fallow and Deep Plowing Were Discussed by the Meager Faithful Who Valued Information

BY CHARLES DILLON

THE best exhibit of farm crops made by any state or nation in the recent International Farm Congress and Soils exposition at Denver was made by Kansas. The big silver cup, worth \$500, and a lot of money were awarded the state by judges whose experience justifies the belief that they knew what they were doing. Educationally and artistically the Kansas display surpassed anything in the exposition, and there were many competitors.

All this you knew two weeks ago but it is worth repeating here because it provides the text for a little preaching on thrift and state pride, and advertising of a kind much needed by the state. Other states had crop material as good in Denver but had neglected to display it to such advantage; and perhaps they didn't have the money.

That is the point—money. The legislature set aside \$1,000 last winter to enable the agricultural college to gather and arrange a display of the state's agricultural products, and the people never did get so much for the money. I wonder how many farmers put the right value on this kind of work?

You have to go away from home to get the proper value on your own state, to see its shortcomings, to get the right perspective. We have been accustomed for a long time to inquire, challengingly, "What's the matter with Kansas?" and in the same breath, almost, the entire audience assures the world that "She's all right. Who's all right? Why, Kansas."

Well, we have a lot to learn. True, we have the greatest wheat crop in the world and the largest alfalfa acreage, and the most sublime this or that, and we've had prohibition for thirty years, and nowhere on this beautiful earth are people so educated and prosperous—not forgetting the per capita wealth—but we still have a lot to learn.

How many of you, for instance, know that Kansas never has had a creditable display of its agriculture in any of the big conventions or expositions until October 1 in Denver? This, it should be understood, is my personal opinion. It is based on the fact that I have seen all the world's fairs and most of the inter-state expositions of the last thirty years, more or less intelligently, and until the Denver show I never have been proud of a Kansas display. I was mighty proud of that one, and I was careful to talk about it. I expect to say a lot more if no one interferes.

In the beginning. Nearly every farmer of common sense knows that dry farming is good farming. Nothing more. The farmer who says he must first have rain before he can use dry farming methods is merely bandying words. He is saying what every-

one knows. The man who retorts that he has no time to attend conventions, and that what he wants is to meet someone who will show him how to get rain will find himself without a respectful audience. He talks, and that's all.

But the farmer who realizes that the work of the experiment stations, even if it be conducted on tenth-acre plots, is of immeasurable importance; the farmer who admits that there are a few things he doesn't know about his business; the farmer who knows his son's college methods will change the back-breaking old farm into a profitable factory; the farmer who realizes the possibility of learning a point or two from the county agent; who knows how miserable are all the roads in his county and stands ready to improve them; the farmer, in short, who resents the imputation that he and his class are "holdbacks" and is determined to take his part in the duties of citizenship, this is the farmer for me, and to him I am talking today. I am talking to you.

Honor bright, now, why didn't you go to Denver three weeks ago? Why didn't you go to Omaha for the National Farmers congress, September 27? Why didn't you take in the Wichita Wheat Show? Why don't you go to the winter institutes at Manhattan?

Couldn't afford it? That, in most cases, is twaddle. In one county in the western part of Kansas where I happen to have access to the books more than \$20,000 has been spent in the last two months for motor cars. Western Kansas, remember. The records show that those cars went to farms, not to townspeople. Not one of those farmers would spend \$20 to go to Denver and listen to practical men talk about the very things in which his county is mightily interested. This wasn't stubbornness; it was indifference. This was an exceptional year, you know. The rain fell on the just and the unjust in Kansas. Therefore the \$20,000 worth of motor cars in one county in western Kansas. Many counties spent very much more. Kansas has nearly 69,000 motor cars.

And this brings me to my text, brethren. Apparently every farmer in Colorado who had the price and the time attended the big show in Denver. There were other farmers, too, but not many. Some came from Nebraska and Idaho and Montana and Wyoming and Utah, one or two from each state. It would have done your heart good to hear them argue about summer fallow and whether to plow deep and when to do it, and a whole lot of other questions that you and your neighbors talk about, year after year, every time you go to town. It was by long odds the best

meeting of the kind I have ever attended. These men were real farmers. A bit slow, perhaps, about getting up because they weren't used to talking in public, but after a while they were all at it, and before it was over every man of them had learned something new and worth while.

It wasn't theory. It wasn't imaginary farming. These men told their own experiences, work and result, on their own farms where their living depended upon the outcome. Once in a while they referred to a scientific man to settle some disputed point, but for the most part they knew their farming and they knew it well. Then they elected William Jardine, dean of agriculture at Manhattan—a real farmer himself—as president of the congress for the next year, and went back to their homes satisfied.

I don't care two pins how set you are in your notions you could never convince me that an experience like this isn't enlightening. You can never make me believe that you know all about farming, any more than I know all about my business after twenty or thirty years of it. What most men lack is a decent respect for the opinions of others, and that lack is mighty noticeable among farmers.

Now, let's agree that if the next big farm congress is held in Kansas City—in 1916—you and yours will go up there for two or three days. I'll bet a yearling steer against a pound of prunes that you'll have the time of your life and learn a lot of things you need to know. I'll bet you'll return a booster for the Get Together Idea. I'll bet you'll never miss another meeting if it's within reasonable distance.

I wish some of you had ridden around over the roads of Colorado as I rode two weeks ago. Of course, Colorado has its scenery to sell every day and still to keep, but Kansas has its fields of grain and its flocks and herds—the best scenery God ever gave to mankind—and it's short on roads. We don't need more taxes to get good highways. What we need is better results with the taxes we now pay. Kansas has money enough every year to maintain perfect roads all over the state, but only heaven knows where it goes. The roads get precious little of it. Other states are getting ahead of us in this road business, and it's a slap we ought to resent, and I am not for a bond issue—not for several years.

I am not pleading for macadam roads at \$10,000 a mile such as Colorado builds for tourists. I do plead for roads a man may ride over without getting seasick. We ought to have perfect earth roads in this state. But you'll never get roads until every one of you makes it his personal business. As Billy Sunday says in his stirring talks about whisky: "I'm talking to YOU."

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 Livestock Editor.....Turner Wright
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 Farm Doings.....Harley Hatch
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The Farmers Mail and Breeze

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Passing Comment--By T. A. McNeal

Belligerent Papers

This is written at Long Beach, Cal., a restful place. And I am glad it's restful, because I am weary of the coast newspapers, especially of their editorial departments. They harp continually on the subject of necessity for national preparedness for war. They emit more illogical rot than any papers I have ever read. There is not an editorial I have read in any one of them which will stand the test of careful analysis.

At bottom the editorials are inspired by selfish motives. They want the government to spend millions for coast defenses because that will mean money spent here. They want a vast fleet of war ships on the coast for the same reason. The arguments they advance are insane if not bordering on idiocy.

Here is one: What man would think of going among savages without a gun?

And yet that is what thousands of missionaries have been doing for generations and with a few exceptions they have not been harmed. If they had gone among these savages with guns they would almost certainly have been killed. The very fact that they came unarmed showed the untutored savages that they trusted them.

Trust begets trust.

Confidence in your fellow man is the breeder of confidence in him toward you.

The militarist editors make the mistake of trying to prove their position by citing the need of protection by the individual. They say that where the individual knows he is liable to be attacked he should be prepared to defend himself and that the nation should do likewise.

Every individual knows that he is liable to be attacked at almost any hour of the day or night. He knows that burglars are liable to break into his home and steal his goods and murder him and his family. When he walks on the street at night he knows that he is liable to be set upon by foot-pads. If he travels on a railroad train he knows that he is liable to be robbed by train robbers or Pullman porters. It cannot be said, either, that he can rely on the police or other officers of the law for protection.

When there is a holdup the police are rarely present. Who ever heard of a policeman being within call when there is a burglary?

If the military journalists are correct every man of any prudence will go armed continually with an automatic revolver in his side pocket and a loaded cane or pair of brass knucks for ready reference. Experience has shown, however, that the carrying of weapons for self defense not only does not tend to preserve the peace but does not even protect the person carrying them. On the contrary the carrying of weapons is recognized as a menace to the general peace and order of the community and is generally forbidden by law. In communities where the carrying of weapons is common human life is always held lightly. Men kill on small provocation and public sentiment is educated to believe that the taking of human life is a small offense.

War has the same result on a vast scale. When the war in Europe commenced people all over the world read with horror of the dropping of bombs on defenseless cities, snuffing out the lives of defenseless men, women and children. But this has become so common that it no longer causes the thrill of horror. It is simply a part of the news of the day.

Unless some great nation shows the humanity and courage to start the fashion of disarmament, the horrors of war will increase as the genius of man devises more and more destructive implements of warfare. With increasing ferocity the nations will battle with one another until our so-called civilization is destroyed and men learn to do righteousness.

Back of this persistent demand for increased armament is the greed for gain. An immensely profitable business has been created in this country by the war. Those who are profiting by this newly created business do not intend to abandon it if they can help it and so the campaign is being carried on to create public opinion in favor of vast armament. The people are to be educated to believe that we are in grave danger of invasion by a foreign foe, and that our coasts must swarm with battle-ships if we hope to preserve our national integrity. And this campaign seems likely to succeed. We

are playing with the hands of the corporations engaged in the business of making arms. The financial combination back of this propaganda is the most powerful, financially, this or any other country has ever seen. That it will be able to control Congress is almost certain. It is now hooked up with the banking combine made possible by the present federal banking law. The men who control this tremendous combine are few in number but immensely powerful.

We labor under the delusion that in this country the people rule. The people of this country might rule but they do not. This government probably will be committed to the policy of great military preparation in order that these factories may have a market after the present war is over.

Prosperity From War?

I am reading a good deal these days about the prosperity this war is going to bring to the United States. I do not believe that it will bring any. On the contrary I think the war will be followed by a worldwide panic such as has never been experienced in history. Even before the war began the nations of Europe were staggering under a burden of debt which seemed to be all they were able to carry. The debts of the nations engaged will be more than doubled and possibly quadrupled before the war ends, while the productive capacity will be cut in two. How will it be possible, then, for these nations, terribly weakened as they are certain to be, to carry a burden perhaps four times as great as the burden they were carrying before the war?

At least partial repudiation would seem to be inevitable. Financial chaos is likely. A financial panic in Europe is certain to invade the United States.

I think the world will be forced to adopt a new financial system which in the end will be a vast benefit to mankind but during the transition is likely to cause a financial convulsion. Our present financial system is bottomed on interest bearing debt. In the system which is to come interest will be almost if not entirely eliminated, but there will be plenty of tribulations before that is put into successful operation. The awful waste of war cannot be repaired if the producers are compelled to pay annually in interest more than all the outstanding currency of the world amounts to and until that waste is repaired the world will not be restored to a normal condition. As compared with the other nations of the world the United States is peculiarly fortunate, but we, too, will suffer finally from the calamity and waste of war.

Lawyer Rule

I have here a letter from my old friend General Percy Daniels, in the course of which, among other observations, he says, quoting also from William Allen White, "The lawyers run this country."

I fully agree with that sentiment. The lawyers do run the country. They make its laws. They also organize the courts, not for the benefit of the people but for the benefit of the lawyers. The rest of the people pay the bills.

Of course there are a great many lawyers or alleged lawyers who do not share much in the benefits. A few fortunate and especially shrewd lawyers get away with most of the emoluments. The courts, speaking generally, are operated for the benefit of the lawyers and pets of the court.

The brightest minds among the legal fraternity are employed, not to help the courts enforce laws, but to instruct their clients as to how the laws may be violated with impunity. And these lawyers are apt to have the ear of the courts to a much greater extent than the lawyers who are trying to see that the law is enforced.

Many of the federal judges get their appointments through the influence of great corporations which wanted friends on the bench in case prosecutions should be instituted against them. Originally courts were instituted for the purpose of settling speedily and justly the disputes between individuals. Lawyers were not permitted to charge fees. If they appeared it was supposed to be in an advisory capacity. Frequently the parties to the dispute simply came into the court and stated their contentions each in his own way. If that were the policy

of the courts today justice would be more generally administered and the harassing delays of the courts would be done away with.

We have in Topeka and other cities, what is called the small debtor's court. In this court no lawyer is permitted to appear. The judge of the court is not a lawyer. The parties to the suit come before the court and state their sides and the judge after weighing the statements renders his decision. The amounts involved are small, it is true, but the principles involved are the same as if the amounts involved were a thousand times as great.

In this court, where neither the judge nor the litigants know anything about legal procedure or the rules of evidence, it is admitted that substantial justice is generally done. I will venture the assertion that there is a much greater percentage of cases decided on their real merits in this court than in any of the principal courts where learned judges listen to hair-splitting arguments from learned lawyers and where the real merits of the case are subordinated to stale precedent and legal quibbles.

Our present judicial procedure tends to baffle justice, create enormous and useless expense and favors wealth as against the poor. It is known that the person who is able to hire the most adroit lawyer is apt to win his case regardless of its merits.

An Inquiry

Will you please explain in the Farmers Mail and Breeze what the small debtors' court is?
 Manhattan, Kan. MRS. N. L. HORN.

The small debtors' court law was passed by the legislature of 1913. It provides for a court having jurisdiction in cases where the amount claimed by the plaintiff does not exceed \$20. The judge serves without pay and neither party to the suit is permitted to employ an attorney. No pleadings are required. The person asserting that some other person is indebted to him in a sum of \$20 or less and neglects or refuses to pay the same, simply goes before the judge of the poor debtors' court and states his case, and the amount claimed. The judge then notifies the defendant to appear and show cause if he has any, why the debt should not be paid.

In Topeka I think the court has proved to be a success. Judge Kemper has, during the two years of his incumbency, heard and adjusted several hundred cases, the amounts ranging from less than a dollar up to \$20. Neither party to the action is put to any cost in case of settlement.

In my opinion if the same principle on which the poor debtors' court operates was adopted in most of our courts it would result in vastly less litigation and more substantial justice.

The legal profession does vastly more to retard than to promote justice. If the litigants were permitted to come before the court and state their cases in their own language without the interference of lawyers the cases could be settled speedily and justly and wealth would no longer have the tremendous advantage over poverty it has now.

What Single Taxers Say

One of the Mail and Breeze readers is clearly of the opinion that while I diagnose the economic condition correctly I have not arrived at the proper remedy. He says:

Editor The Farmers Mail and Breeze—Your remedies are like spreading salve on the sores when the patient has blood disease. I wish you were a young man. You might be of some use in the coming contest for economic justice. You and the class to which you belong take the same position that so many good persons took before the Civil War with reference to chattel slavery. They realized and acknowledged the great injustice of the system, but the only remedies they had to suggest were those that would mitigate the evils, to make the master more humane to his slave. And so today you and thousands of others, intelligent, high-minded men and women, whose hearts are in the right place, who see clearly and think sanely and yet facing the crisis of the future, are trying to find a substitute for justice.

The abolishment of private ownership of nature is the only effective remedy. Just taxation as applied to the land; confiscation as applied to the stored resources; taking from the private owner that which he did not create but which was created by a Divine Providence for the benefit of humanity; paying the private owner only for the value of his improvements.

You say that the possessors of special privileges are in power and have the ear of the legislators,

while the thoughtful men who see the wrong are powerless to right it. Who elects these legislators? If they do not represent us, whose fault is it? The way to increase the number of thoughtful men and women who see the wrong is to agitate this matter until it becomes a political issue.

Kansas

ROBERT TAYLOR.

Here Is Another

Editor The Farmers Mail and Breeze—In Passing Comment for September 25, after making "a sensible suggestion" which was Henry George's social problems condensed, you tell what might be done. If what you suggest were done it might afford on alleviation of the evils of special privilege during the 10 years the roads are being built, but at the end of that time it would be found that the roads had doubled the price of the land and land owners would double the rents, making the special privilege that much more burdensome to all except land owners. Any improvement adds to the price of the land and not to any other thing including improvements on the land.

Now these special privileges were given to men living when they were granted. Pensions are given to men while they live but they stop when they die. No one inherits a pension in this country, so no one ought to expect to inherit a special privilege. Absolute ownership of land ought to terminate with the death of the present owner. Then he will get all that it is possible for him to get out of his special privilege; his improvements to go to his heirs in the same way that is now provided where improvements are made on school lands or other leases where the land is owned by one person and the improvements by another. Give all corporations due notice that the land is not to be sold. Let all land titles terminate at the death of the present holder if one person and in all cases at the end of 50 years. This is not only more than justice requires, but all and more than expediency requires.

Read "Social Problems" and "Progress and Poverty" carefully and you will see the necessity of doing something besides calling those who do see them "blatant demagogues." Then you will not make the great mistake you did in your "Jones's four-story building and Brown's 10-story building" illustration some weeks ago, when each paid tax only on the lot he already owned, perhaps inherited. Neither of them paid any tax on any investment. You said they each paid the same tax, one on \$10,000 the other on \$40,000 investment. The single tax would tax the lots the same, the investments not at all.

J. M. PEET.

Delphos, Kan.

There is one thing that I have observed in the writings of men who have become advocates of the single tax theory, and that is, that they seem to believe they have reached the finality of economic wisdom and when they have once made a pronouncement that ought to settle it. They seem to regard those who differ from them as possessed of profound and inexcusable ignorance or else perversely determined, although they recognize the truth, not to acknowledge it.

I have said, and say again, that in my opinion the natural sources of wealth, those things which are necessary to the life, health and happiness of mankind, should not be subject to private monopoly and of course the absolute private ownership implies the right of private monopoly. That far I am willing to travel with the single taxers. I do not believe however, that the single tax, as the advocates of that theory seem to believe, would prove to be a panacea for all economic ills. I will go further and say that it might and probably would work a great injustice.

Mr. Peet says I am entirely wrong in my illustration of the case of Jones and Brown, one of whom has a lot and building worth \$10,000 and the other a lot and building worth \$40,000. Whether I inadvertently stated that under the single tax one would be taxed as much on his improvements as the other or not, is entirely immaterial. The important fact is that under the single tax the man who had \$40,000 worth of revenue-producing property would have to bear no greater share of the burdens of government than the man who has only \$10,000 worth of revenue-producing property.

It may be that by some curious process of reasoning the single tax advocate can make himself believe that that would be just, but he will find it very difficult to convince the average citizen that such an arrangement would be fair.

The truth is, in my opinion at any rate that there are evils which are much worse than the private ownership of land, which no single taxer so far as I have seen, proposes to remedy. He does not propose to relieve the producers of the enormous burden of interest that is weighing them down. The single tax plan would not so far as I have been able to see, destroy the domination of the banking and money-lending interests.

And Still Another

Editor The Farmers Mail and Breeze—Are editorials written with regard to truth or with what is popularly regarded as the truth? Do editors wish to be wise and good, or do they wish only to appear to be wise and good in order to increase the circulation of their papers? I ask in order to know. If the latter is the case there is no use showing the editor his errors. He already knows them and if your letters are printed they will be garbled and misrepresented. The editor seeks to muddy the waters instead of clearing them.

If editors had the choice between shoveling dirt and standing up for the truth, and being editors and subordinating the truth to the business of running the paper, would many editorial chairs become vacant? Would the increase of dirt-shovelers be enormous?

I read most of your editorials. I do not doubt your ability and learning. Amid your rant and sophistication I often find pure gems of reason pointing toward the truth which in time will set men free, that it appears, might have slipped out of the higher portions of your brain when your business brains were not looking.

I have in mind "A Sensible Suggestion," which appeared in the September 25 issue of the Farmers

Mail and Breeze, as fine an argument for justice and right as will be found in a year's reading—up to the last paragraph. Here, it appears, your business brains became aware of the thoughts coming from your higher mind. Your business brains could not see it that way, but could see with what class you would be placed if you allowed your mind to come to the logical conclusion and point it in your paper—that is, the class of "mouthy demagogues" whose purpose it is to stir up discontent but who never offer any practical remedy."

You say, "It is a fact that natural wealth should belong to the whole people. Private monopoly of the sources of wealth is indefensible. The giving away of those things which should belong to the public has caused the separating of the people into classes. This foolish and almost criminal policy is responsible for the hopeless poor on the one hand and arrogant rich on the other."

Just so, and what are Governor Capper and his employees going to do about it? Give us an economical state government and whoop'er up for prohibition, that is all. Oh, no! They are not "mouthy, blatant demagogues," no, no! They have a practical remedy, not to be classed with your mouthy blatant demagogues who have no practical remedy.

I suggest that those in possession of the natural sources of wealth pay to the government each year the rental value of said sources of wealth. In other words, let us have single tax. Then there would be no occasion for levying taxes such as we have now.

TAYLOR STORM.

Ethna, Kan.

Never have I knowingly garbled or misrepresented the opinions of any subscriber who has written me. I receive a large number of letters which I have not space for but those which have been published have expressed the thoughts of the writer regardless of whether they agreed with the opinion of the editor or not.

So far as editors are concerned, who are attacked by Mr. Storm with such vigor and virulence, I think they will just about average up with persons in other walks of life. They have about the same number of frailties and I think about the average number of virtues. That their writings often are influenced by expediency and policy there is no doubt. I never have met an editor who always wrote just what he thought, or at any rate, all that he thought. Policy and expediency also influence very largely the conduct of men in other walks of life. Few of us are made of the stuff of which martyrs are made. We may as well confess that.

I have known a good many editors, some of them men of ability and some not, some of them men of high honor and others who I thought would sell their souls for a mess of pottage and not such a very big mess at that. On the whole however, I am convinced that in the matter of truth and honor and desire for the common good they will average up with any other class of men with whom I ever have come in contact.

When I spoke of mouthy demagogues I did not intend it to apply to all so-called reformers or even to the majority of them. I know that there are many men and women who are devoting their lives without hope of honor or financial reward, to the betterment of their fellowmen. Many of them are humble, unselfish heroes who are never awarded the meed of praise to which they are entitled. Unfortunately there are others who are only pretended reformers seeking notoriety and an opportunity to exploit their honest followers.

I admire any man or woman who is honestly and unselfishly devoted to an ideal. I admire the earnest advocate of the single tax theory, although as I have said, I cannot agree with him that he has discovered the remedy for all of our financial and social ills. I think there are good things about the single tax theory, but I do not believe it goes far enough or is broad enough in its scope.

For Good Roads

Editor The Farmers Mail and Breeze—I read with interest your articles on paved roads. I think they were the best I ever read on permanent good roads. With the rain pouring down three days out of every week and a large crop to haul to market, with the prospect that the roads will be worse if possible than they were last winter when it required four good horses to haul 1,000 pounds of coal, corn, wheat or anything else; it is high time to think of paved roads and not only think but begin to do something.

There is not one man in a hundred who would not be ready to have the paving done if it could be done without costing him anything but when you mention raising the taxes there is perhaps one man in a hundred who will not raise any objection.

Now I want to suggest this plan: Let those who own cars begin the work by increasing the auto tax, making it \$15 instead of \$5, the present tax.

It has been estimated that at the present tax of \$5 a year for each car the amount collected on all the cars in the United States would amount to enough each year to build three highways from the Atlantic to the Pacific. If that estimate is correct, \$15 a year would pave nine highways the same distance. At the rate the new cars are being sold it would be only a few years until the roads all over the country could be paved from that revenue alone.

There are many farmers also who would donate work if a road were being paved by their farms. I for one will be glad to pay the \$15 auto tax and will donate \$100 worth of work on a road coming my way. I am sure that anyone who can afford to own a car can well afford to pay that amount for a year or two, or at least until the people see the advantages of paved roads. Then it will be no trouble to keep the work going. A car running on paved roads will last four times as long as one running over rough, rocky roads, to say nothing of the comfort.

Now you may think we never will have another year like this, and we may not, but in a dry season if we have no rain for a week or two the roads get so dusty that they are not only very disagreeable but very dangerous, especially at night.

Besides the benefit paved roads would be in enabling us to market our crops, they would give us a great amount of pleasure. Say, for instance, we want to go to Topeka to attend the fair, as we did want to do, we cannot go in our automobiles on account of mud and have to go on the train.

The problem of the unemployed is more serious than most people imagine. There will be thousands if not millions of honest men who will be glad to get work of any kind to make an honest living, who will have to live some way. If they can't find work so that they can make an honest living for themselves and families, they either will have to beg or may undertake to get a living dishonestly. The result of lack of employment will be an increase of crime. With such a system of road building every idle man in the United States could get work. This would make times much better and make a better market for everything we have to sell.

I want to hear from other paved roads boosters. Council Grove, Kan.

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The paved roads might be built without materially increasing taxes if the government would issue non-interest-bearing legal tender treasury notes in payment for the labor. The notes should be receivable for all debts and taxes and as fast as a note found its way back into the treasury of the United States it should be cancelled and retired from circulation. In this way the volume of currency would keep pace with the demand.

The Law As to Aliens

Editor The Farmers Mail and Breeze—I have just talked with a German, but as neither of us ever has learned much on the subject I would like to have you answer the following questions:

1. Could the United States force a man who is not a citizen of this country to serve in the army, if in case of war, the country needed men?

2. Have citizens of the United States been obliged to serve in any of the armies of the belligerent countries?

JOHN N. PETERSON.

Burlingame, Kan.

1. No. So long as a man remains an alien—that is, does not sever his allegiance to the land of his birth, he could not be compelled to serve in our army. However, we have a law by which the alien might be compelled either to leave this country in case of war with his native land or else swear allegiance to this government.

2. I do not know of course, whether any citizens of the United States have been compelled to serve in any of the European armies or not. If any European government does try to force a citizen of this country to serve in its army he should appeal to this government for protection, which appeal might not do him any particular good. The citizen of the United States who happens to be in one of the warring countries, unless he holds some official position which makes it his duty to stay there, had better get out. In fact, if he was right smart he got out a good while ago.

Why They Are Pro-English

Editor The Farmers Mail and Breeze—The German-Americans complain that America's sympathy is with England. That is the truth, but I contend that they have no reason for complaint. Our civilization is essentially British, and they are adopted citizens. The utterances of many Germans are little less than treason against the ideas we represent and which they have subscribed to in becoming nominal Americans.

In the broadest sense, absolute independence of any nation is impossible, and this is true especially in regard to America. Our culture is essentially European and is not of native origin. There are three kinds of European culture, representing three viewpoints of government, the Latin, the British and the Teutonic. The Russian culture is really Asiatic, though the race is of European origin.

The southern portion of this hemisphere is occupied by Latins. The French and Indian war decided that this part should be ruled by British ideas and culture. The Revolution simply gave us governmental freedom. The ideas of our founders and the men themselves were British. Every distinctive part of American culture has its roots in British history.

Frederick Barbarossa is as foreign to us as Montezuma or Attila, but King John, Cromwell, Shakespeare, Milton, Queen Elizabeth and William Pitt are all as essential to American institutions as Washington, who at one time was an English general, or Jefferson. Our very religion is gleaned from the King James version of the Bible.

The historians have defined the ideas which distinguish the three European cultures. The Latin idea is, the supremacy over all else of a church officer, the pope of Rome. The great German culture gives this supremacy to the kaiser or emperor. The British culture teaches that organized society exists for the benefit of the individual units, and not for the good of any ruler either spiritual or temporal.

Everyone knows where the American people in general stand on these questions. And yet, this British idea is not carried out to its fullest extent in America, while it is carried out in New Zealand and Australia, British colonies.

The Americans do not read Goethe, Nietzsche and Luther, they read Shakespeare, Bacon and such religious writers as Wesley, Bunyan and Campbell. The native Americans with real American institutions are the Indians. Would the German citizens of America have us discard our language, laws and traditions, then assume those of the Indian, so as to be really American?

The German-American alliance says, "We are not here merely to be tolerated." No doubt of that. Their actions speak loud enough. The attempted murder of Morgan attracted wide attention, but who has killed so many house buyers and contractors? Who tried to blow up the Kansas City packing house? The eastern factories have posted sentries and fortified their factories against their "peaceful protests."

Has the spirit of William the Murderer taken hold of his loyal subjects here or is he paying for all this activity? Even the organized bodies of Germans here do not deny the facts. Who is responsible?

White City, Kan.

YANKEE.

Have a Definite Plan

Livestock and a Diversified Cropping System Form a Good Basis in Farming

By F. B. Nichols



A MORE definite and logical system is needed on 90 per cent of the farms of Kansas. It is important that the plan should be based on the law of the average, and not changed so much in response to the temporary abnormal success of one crop. As an example of this evil in an acute form take the present very considerable interest in grain crops in northwestern Kansas, which has come in response to the big yields last summer. The present movement toward grain crops in that section is absolutely unjustified, and it will result in serious financial loss.

Northwestern Kansas is a typical livestock country, and this form of farming will pay better there over a series of years than any other system. This has been well demonstrated by the success which the livestock men have obtained there in the last 20 years—they have made much larger profits than the grain farmers, and they will continue to do this. Forage crops of a drouth resistant nature, such as Freed sorghum, Red Amber sorghum, Dwarf kafir, Dwarf milo and Sudan grass, are well adapted to that section, and they will produce a considerable amount of feed almost every year for the livestock. There is a place for a small acreage of the grain crops, but it should be limited.

Despite the fact that the commercial leadership of the livestock farmers of western Kansas is well recognized, there has been a most remarkable interest recently in grain crops in that section, along the main line of the Rock Island west from Belleville for example, which does not indicate a good future for agriculture there. Farmers are too enthusiastic over their success with wheat last summer, forgetting that grain farming has never been profitable in that section over a series of years, and that it never can be.

This indecision can be observed in the farming in almost every county, although there is some difference in its results. As another example, I know of a community in eastern Kansas in which oats is not a certain crop, but where it is grown some, however. For the last few years the acreage for any year almost always depends directly on the yields of the previous year—if a good average yield was obtained a large acreage is sown, and if the yield is low the acreage is reduced. This is a queer application of the physiology of farming, and there is absolutely no logical basis for it—the acreage in the community has no particular reason for marked variation from year to year.

In other words, this community is the victim of farming crazes, and you probably can find several similar examples in your own community if you will look around. Some examples of this were offered in the livestock world last spring—some stockers went out of Kansas City at too high a price, even if the market was fairly good in September. This all shows how important it is that a man should base his farming plans on the law of the average for his community, and not vary them to conform to seasonal successes with some certain crop or line of livestock.

If this is done it is probable that more

attention will be given to developing a farming system which is permanent, and which provides for some attention to the fertility. Unfortunately it is a fact that some of the most prosperous sections in Kansas are paying little attention to the soil fertility—take in the community around Stafford for example. There is a remarkable prosperity among the producers there—few communities in the United States have more motor cars—but the farming system is founded on a wheat after wheat basis, which is reducing the crop producing power of the soil rapidly, and which will be especially obvious 20 years from now. Stafford county has too much wheat—

on your place—few farmers care to go into the extensive work which has been carried on by the Gilmans of Leavenworth for example—you can get the relative crop yields on this co-operative work if you will write to the department of agronomy about it.

No matter where you live, however, you can take it as an axiom that plenty of attention should be given to the legumes. Grow the varieties which are the best adapted to your section. Through much of Kansas alfalfa fortunately does well. While it is true that Kansas is far in the lead of all other states in the growing of this great legume, with almost 1,200,000 acres, it also is true that a much larger acreage will pay on most farms, especially if more livestock is kept to eat it. There are fields, however, which are not adapted to the growing of alfalfa on which some of the other legumes will do well; for example, there are shale formed soils in southeastern Kansas fairly well adapted to the growing of Sweet or Red clover on which alfalfa will not grow. Then there are soils on which an annual legume is much needed, and the acreage of cowpeas should be increased until it is several times the present area.

There is even more attention needed in selecting the forage crops, with a view to getting the lines which will produce the largest yields. This is especially true in growing crops for silage, and the

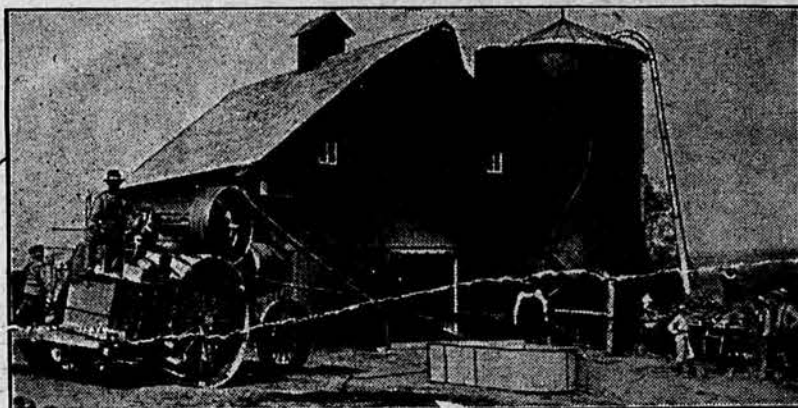


all Kansas farmers have in crop selection, it is plain that there is a good chance of making some mistakes in selecting crops unless the actual average yields are considered carefully. There is too much crop selection on a basis of personal preference. One of the most glaring examples of this is offered in western Kansas in the way some farmers insist on planting corn, although it has been well shown that the sorghums will greatly outyield corn in an average year, and that the feeding value is about as high. This corn growing enthusiasm is especially evident in Thomas, Sherman and the surrounding counties, and a great many of the farmers have kept growing it year after year despite the fact that the sorghums greatly outyield it almost every season. Of course it is true that the farmers in that section have brought up some varieties of corn, take the Bloody Butcher for example, until they are somewhat adapted to the conditions there, but it also is true that there is no excuse for a large acreage.

Perhaps the main reason for this growing of crops not adapted to the locality is the lack of appreciation which many men have of the merit which a new or strange crop has. Too many men get "wedded" to a crop, and they stick to it no matter what the yield may be. Perhaps the best example of the evil results of such a system can be best illustrated by the Iowa and Illinois farmers who came to western Kansas in past years and tried to use their home methods there. They all went back across the hills, too—or else changed to a logical farming system adapted to the conditions. The country around Deerfield is a fine example of this—it was settled by at least three new sets of eastern farmers, who had come without the appreciation that the variety adaptations of crops are of supreme importance.

The best example in recent years of a new crop being received with the attention it deserved is offered by Sudan grass. There are few farmers in the state now, especially in the western two-thirds, who will not admit that this is an important crop, and that it will take a large place in the agriculture of the state, just as soon as the seed is available. Indeed, this appreciation extends in many cases to the eastern third, especially on the shale formed soils of southeastern Kansas.

Locality adaptations are of importance with livestock, but the matter of personal preference should enter here to a greater extent than with crops. It is best to keep the breed you like best if possible, although it is a good idea to swing your individual beliefs around if possible to conform to the locality in which you are farming. For example, the Ayrshire breed of dairy cattle is well adapted to the conditions encountered in the western third of the state, and an increase in the number of herds of this breed there is needed.



Placing Kansas Orange Sorghum in the Silo on a Farm in Eastern Kansas For the Use of the Cattle Next Winter.

it needs more alfalfa, forage crops and livestock. These things will come later, after the farmers have had a better chance to see the evils of the one crop farming, but the progress so far toward this more logical basis has not been especially encouraging.

In planning the farming system which will produce the most profit on your place, the crop adaptations of the soil should be studied. These should be considered in planning the livestock end of the business along with the individual preferences which you have. After all of these are taken into consideration you will find that the main things are to establish a good crop rotation in which the legumes are featured and which will produce a great deal of feed, and then to keep the line or lines of livestock in which you are especially interested. A system of this kind is the most profitable which can be established in Kansas on most farms.

There is no longer any reason for a man not knowing the locality adaptations of crops in Kansas, for this has been well worked out in the co-operative work of the department of agronomy of the Kansas State Agricultural college, under the general direction of L. E. Call, and under the immediate charge of C. C. Cunningham. This co-operative work has been very profitable. For example, as a result it is possible to determine just how far east in the state Freed sorghum should be grown for the most profitable results, and also how far west the Kansas Orange sorghum will give the best yields. So even if you have not been growing all of the common crops

great increase in silos in Kansas has complicated this problem. For example, a yield of 18 tons of silage an acre in eastern Kansas from Kansas Orange sorghum is not at all unusual—this has been the average for the last two years on an upland farm near Manhattan. Two-thirds of this yield from kafir is good, and in many cases the yield of corn is much lower—frequently to a distressful extent. As Kansas Orange sorghum silage has just as high a feeding value as corn silage and the cost of production is no greater, it is quite obvious that a larger acreage is needed.

In other words, the central idea in planning a cropping system is to get the most efficiency—to maintain the soil fertility and then to make the most profit from the lines which are grown. With the considerable range of selection which



While Grain Crops May Be Profitable Some Seasons, They Will Not Give as Large a Return Over a Series of Years as Livestock.

Cows and a Real Profit



Western Kansas Farming Usually Pays Well When Dairying Is Featured

By O. E. Reed

MORE DAIRY cows should be handled in connection with western Kansas farming. A man with considerable capital usually follows other lines of livestock than dairying, but the small farmer with an 80- or 160-acre farm without capital cannot handle a large grazing or breeding proposition. A few cows therefore should be kept on every average farm, for four principal reasons:

1. To diversify the system of cropping, provide manure and therefore place the farming on a more nearly permanent basis.

2. To supply employment the entire year.

3. To utilize the rough feed that is growing.

4. To insure a constant cash income and to supply butter and cream for family use.

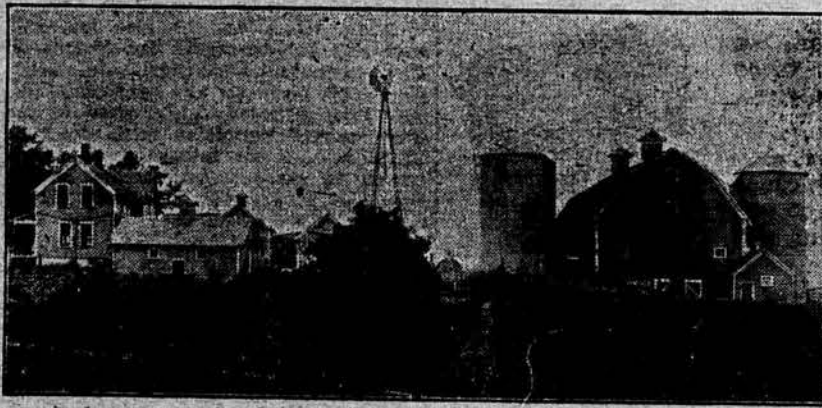
It has been the history of the farmers in the sub-humid region that the small producer who has settled on these lands and has kept a few cows and hens and sold butter, cream and eggs, has been more successful financially, has built up a better community and in general has been more prosperous and happy than the man who has followed a one-sided system, such as wheat farming. Furthermore, this has been true over the entire world. The nations that are commonly known as livestock countries, as England, France, Denmark, Holland and Germany, are far more prosperous and represent a higher type of civilization than other countries that depend on crops other than livestock, such as Russia and Spain. A few cows kept on the farm supply constant employment the year around. By having the cows freshen in the winter one is employed at a time when otherwise he would not have any remunerative work. It is the man who is always busy who gets ahead.

In the dry land belt there are many crops that can be grown successfully, and these crops make good feed for cattle. There should be more sorghums and less wheat in western Kansas. The farmer with a few cows has a constant income from the sale of butter or cream. This income should be sufficient to pay the household expenses and the taxes, and besides there should be plenty of dairy products for the home and skim-milk for the chickens and hogs. There is a general appreciation of the income from a few cows during poor wheat years. In Kansas we notice after a number of poor wheat years that the dry land farmers and business men in those localities are anxious to buy cows and hold dairy institutes, but after a year or so of good wheat crops this condition does not exist. The farmer who milks cows during good years as well as poor seasons is the one who is sure to succeed.

At the branch experiment stations in Kansas demonstrations are in progress

that give reliable information on the advantages of keeping cows. At the Dodge City station there are six ordinary native cows that made an average production of 200 pounds of butter fat last year. This butter fat sold at an average of 25 cents a pound, making a return of about \$50 a cow. About \$6 a cow was spent for concentrated grain feed, the rest of the ration being produced on the farm. Besides the sale of cream, there was the calf, skim-milk and manure. At the Hays station there is a herd of 26 grade dairy cows. These cows made an average production of 203.7 pounds of butter fat last year, and thereby converted a great amount of cheap feed into a valuable cash product.

The breed to select is largely a matter of personal preference. There are many advantages gained when an entire community decides to handle one breed. In buying stock they will be able to get carload lots, several farmers can use the same sire and by exchanging bulls in various communities the cost of the animals is reduced to the minimum. Community breeding builds up a closer co-operation among the farmers and makes it possible to obtain a better market for their dairy products and surplus stock. It also makes it possible to buy feed in carload lots,



Dairy Farming, Large Buildings and Good Profits Go Together in Founding a Contented and Satisfactory Rural Life.

thereby taking advantage of wholesale prices on the high-priced feeds.

Where only a few cows are kept they should be the best. A dairy breed of cattle serves the purpose better than cows of mixed breeding or of the beef type. There are four principal breeds of dairy cattle, the Jersey, Guernsey, Holstein and Ayrshire. For farm conditions the larger cattle, such as Holsteins and Ayrshires are better adapted than the Jerseys and Guerneys. These latter breeds excel where a first class market milk is produced.

It is a difficult and expensive proposition to attempt to buy good cattle of the breed desired. Even when dairy cows can be bought the results are often disappointing. The best way to get a good herd together is to start with the best cows that can be purchased in the local community, weed out the poor ones, use good purebred

dairy sires and save the heifer calves from the best cows.

Selection and breeding have much to do with the profits obtained from a bunch of cows, but care and feeding are equally important. It is possible to double the production of the average cow by better care and more intelligent feeding. Too many farmers do not appreciate the value of good care with milk cows. The cows are often allowed to run outside during the cold weather and rustle for themselves. It pays to give them some protection during the winter and to prepare and

tion to her production it will usually require less feed and more milk can be obtained.

Silos supply a means of storing feed and preserving it in its choicest form. The silo is within the reach of every farmer, and it can be obtained with little expense. The pit silo is the most feasible and practical to build in the dry farming belt wherever conditions are such as to make it possible. The only requirement is that of location. The pit silo must be built in a dry soil. It is very inexpensive; the labor, which is usually abundant, is the principal item. The pit silo is built similar to the round cistern. The pit should be at least twice as deep as it is wide. The sides of the pit are coated with at least two coats of cement plaster and it is ready to use.

The best crops for silage in the sub-humid regions are the sorghums, because of their adaptability to climate and soil and on account of the comparative high yields. It was formerly held that corn was the best crop for silage. Some experiences indicated that the sorghums, and particularly the sweet sorghums, could not be used for silage, because they produced a sour silage unfit for feed. The Kansas Experiment station, however, has shown that it is possible to make a first-class silage out of the sorghum crops, and they are now being generally used in place of corn. The time to put these crops into the silo is when they are almost mature, and if they do not mature before frost it is better to let the frost hit them and cut them immediately afterward rather than to put them up in an immature, sappy condition.

Testing Cows

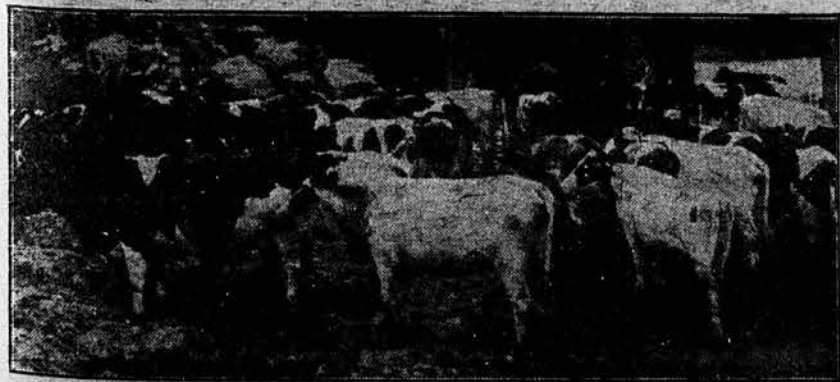
The Babcock tester can be used by a farmer to determine the amount of butterfat produced by each cow of his herd. If a record is kept of the amount of feed given each cow, it is an easy matter to decide which animals are worth keeping.

A cow may give a large flow of thin milk for three or four months. For the remainder of her lactation period she may give only a small flow. Another cow may give a fairly small amount of rich milk during her entire lactation period. The first cow will likely be given credit by the farmer for being a very good producer, when, as a matter of fact, she may not be nearly as profitable to keep as the second cow. Three things are necessary to enable a farmer to determine whether or not a cow is profitable. Total pounds of milk given in a year; the percent of butterfat in the milk; and the value of feed consumed.

"I wonder what we're here in the world for?" asked the little boy, who seemed to be suffering from some childish grievance.

"We are put here to help others, of course," answered the little girl, with an air of superior wisdom.

"Um!" exclaimed the boy, disdainfully; "then what are the others put here for?"—Tidbits.



A Group of Cows from the Excellent Holstein Herd on the Willow Meadow Dairy Farm of Dodge City.

You'll get that
go-to-it spirit,
too.



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Tobacco Co.

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P. A. pipe-
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first puff!"

That tip-top-clever-taste is *right there*—quick as you put a match to your old jimmy pipe filled with Prince Albert tobacco. Just makes you happy because it is so good and so satisfying! The patented process by which Prince Albert is made *fixes that*—and removes bite and parch! We know the goodness of

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We know it is *all there* in satisfaction; we know that you will delight in its flavor as you will welcome the absence of any tongue-bother.

We say to you: Lay down a nickel or a dime for a supply of Prince Albert, because it will please you more than any tobacco you ever smoked, it is so cool, and tasteful, and fragrant.

Prince Albert is sold everywhere in *toppy red bags, 5c; tidy red tins, 10c; handsome pound and half-pound tin humidors, and in that fine crystal-glass humidor with sponge-moistener top that keeps the tobacco in first-class shape.*



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There are a few large manufacturers, however, such as Ford, Overland, Maxwell and Studebaker who do not use our plugs, but there is an AC plug made for each one of these cars which will give the user greater efficiency and a better running car.

Champion Ignition Company, Flint, Mich.

AC Spark Plugs

Guaranteed Gas-Tight

Laws You Ought to Know

This Is the First of a Valuable Series

BY C. D. YETTER

A COPY of all the laws passed at the 1915 session of the legislature may be had in paper binding for 50 cents, and in cloth binding for \$1. The secretary of state at Topeka, will mail a copy, postage paid, to any citizen of Kansas on receipt of price. All the laws of Kansas, now in the process of compilation may be had eventually, by any citizen of the state for \$2.50. This will be known as the General Statutes of Kansas, 1915, and probably will not be off the press for several months. This is much cheaper than these books formerly were sold, and is made possible by the printing being done at the state printing plant.



dents of this state. This kind of an organization may be formed to conduct any business or industrial pursuit. Shares of stock may be issued to its shareholders after proper organization is effected, but such shareholders have only one vote regardless of the number of shares they own, and no shareholder may own more than 5 per cent of the total capital stock, nor more than 5 per cent of the capital stock of any other co-operative enterprise.

One co-operative company is not allowed to own more than 5 per cent of the capital stock of any other co-operative company. The word co-operative must not be used in the name of any corporation unless it is organized on the foregoing plan. Application should be made to the secretary of state at Topeka, for all necessary blanks to form a corporation, or association of this kind.

Real Estate Mortgages.

The law relating to registration fees for and taxation of real estate mortgages was said to be the most important piece of legislation passed at the 1915 session of the legislature, but it failed to stand the test before the supreme court, and is now a dead letter on the statute books.

This law sought to provide a means whereby all mortgages on real estate paid a registration fee and were then exempt from further taxation. Evidently the supporters of the measure hoped to avoid the difficulty of taxing both mortgages and the real property they cover; to provide cheaper money for borrowers, and to force the listing of all mortgages for revenue purposes. The law seems to have failed under the broad taxation provision of the Constitution.

Robert, the 4-year-old son of a scientific man, had lived in the country most of his short life. One day a caller, wishing to make friends with the little fellow, took him on his knee and asked, "Are there any fairies in your woods here, Robert?"

"No," responded Robert, promptly; "but there are plenty of edible fungi."—Youth's Companion.

HARD ON CHILDREN

When Teacher Has Coffee Habit.

"Best is best, and best will ever live." When a person feels this way about Postum they are glad to give testimony for the benefit of others.

A school teacher down in Miss. says: "I had been a coffee drinker since my childhood, and the last few years it had injured me seriously."

"One cup of coffee taken at breakfast would cause me to become so nervous that I could scarcely go through with the day's duties, and this nervousness was often accompanied by deep depression of spirits and heart palpitation."

"I am a teacher by profession, and when under the influence of coffee had to struggle against crossness when in the school room."

"When talking this over with my physician, he suggested that I try Postum, so I purchased a package and made it carefully according to directions; found it excellent of flavour, and nourishing."

"In a short time I noticed very gratifying effects. My nervousness disappeared, I was not irritated by my pupils, life seemed full of sunshine, and my heart troubled me no longer."

"I attribute my change in health and spirits to Postum alone."

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

Postum comes in two forms: Postum Cereal—the original form—must be well boiled. 15c and 25c packages.

Instant Postum—a soluble powder—dissolves quickly in a cup of hot water, and, with cream and sugar, makes a delicious beverage instantly. 30c and 50c tins.

Both kinds are equally delicious and cost about the same per cup.

"There's a Reason" for Postum.

—sold by Grocers.

Sale of Farm Produce.

The secretary of the state board of agriculture is authorized to issue a license to every firm selling farm produce on commission, and every such firm must have this license and supply satisfactory bond. This does not apply where the produce is sold for consumption and not for resale.

The farm produce covered by this act includes "all agricultural, horticultural, vegetable and fruit products of the soil, and meats, poultry, eggs, dairy products, nuts and honey; but shall not include timber products, floricultural products, tea or coffee."

The evident intention of this act is to insure an honest accounting to the shipper or producer for all goods consigned for sale to a commission firm.

The secretary of the state board of agriculture has large discretionary power in granting and revoking the licenses of these firms, and he also has full authority to investigate the records of their commission consignments, their places of business and methods, and may take testimony under oath in regard to any complaint made to him. If, after such an investigation, he is unable to cause a satisfactory settlement, he may order a hearing, giving not less than seven days' notice, and such hearing must be held in the city or place where the firm complained of is in business.

If the facts warrant the revoking of the firm's license the secretary of the state board of agriculture is required to bring an action on the firm's bond within 60 days.

Commission merchants must make a record of all farm produce handled by them, giving the name and address of the shipper; the date goods were received; the kind and quantity; amount sold; date of sale; price received; name and address of person or firm to whom goods are sold, and the items of expense in connection with the sale or sales. This record and the remittance in payment for goods must be mailed to the shipper within 48 hours, unless an agreement has been made for a different time of settlement. The record must be kept by the commission merchant for one year, to be subject to examination by the secretary of the state board of agriculture, or by the shipper or his lawful agent. If these records are called in question, the burden of proof as to their correctness is upon the commission merchant.

The practices in the commission trade which this enactment seeks to prevent include imposing false charges, failure to make prompt and proper accounting to shippers, false or misleading statements as to market conditions, combinations to fix prices, purchasing goods outright which were sent to sell on commission without first having an agreement with the shipper, false statements as to grade, condition, markings, quality or quantity of goods or claiming to be a commission dealer without a proper license.

Questions in regard to this law, or complaints in regard to the handling of farm products on commission should be mailed to J. C. Mohler, secretary of the state board of agriculture, Topeka.

Co-operative Associations.

Twenty or more persons are required to form a co-operative corporation or association in Kansas. All must be citizens of the United States and resi-

Short Lease No Home Maker

Governor Capper Touched Upon the Weakest Points in Agriculture in His Recent Wichita Speech

NO MORE important speech, related to agriculture, has been delivered by Governor Capper than that heard last week, at the Wichita Wheat show. It discussed subjects of keen interest to every farmer in a way that left no doubt about the governor's attitude and what he believed right and necessary.

"The more we do to foster and develop our agricultural industry," Governor Capper said, "the better for us and for our country. In history it is plainly written, over and over again, that God has wiped out whole civilizations and put the blight of decay and dissolution on great cities, simply to start a back-to-the-land movement."

"What we must work for in Kansas is a stay-on-the-land movement. It should be our effort to make it decidedly worth while to stay on the land."

"Some of the big things we haven't done in Kansas and must do, include longer leases, more general co-operation, more equitable terms between land owners and tenant farmers. How else are we going to maintain the workers in our biggest industry, make first-class, home-owning, taxpaying citizens of them and have No. 1 farmers on our farms?"

Farm Credit Needed.

"Closely allied to this difficulty is the development and extension of our rural credit system, now in an uncertain and feeble infancy. We need farm credit for the tenant farmer even more than for the landowner."

"Tied up with this is rural community organization, co-operative marketing, a really effective system of distribution which shall couple demand with supply and eliminate the greatest source of waste in the economy of the American nation."

"Good roads come in here. We are talking big, but doing little. We haven't really got them. We are, if anything, a little behind other nearby states in this particular. We are losing vastly more of actual benefit and cash than we have any idea we are losing and in ways many of us still are blind to."

"Yet far more important than all these—though vitally affected by each of them—the solution of all and the only solution, first, last, final, dependable—is education, especially rural education; and more comfort, well-being and happiness; and less irksome and exhausting drudgery in the farm home."

"We are making fine progress here. Yet we have barely started. The future of Kansas is in the making, right now, in the tiny little school houses which dot the map of Kansas like the holes in a sieve."

"Farm tenancy and the short lease are spreading like the measles in Kansas and they are much more destructive of soil, sinew and manhood, of land-owners and landworkers."

Short Lease Is Discouraging.

"We have plenty of land in Kansas and we must make it more easily possible for the young men, and the men of small means, to become home-owners."

"The one-year lease is not now a home-maker and probably never will be again. Let us have leases that build up the land, build up the man on the land, build up the landowner, the community and the state. Let's have leases that make good farming and good farmers possible. When we have done that, and perfected and extended an adequate and a fairly elastic system of rural credit, the tenancy problem will be in a fair way to take care of itself, along with several other serious difficulties."

"The American farmer is contributing every year about 12 billions of dollars to the welfare of the American people. The railroads get about 1 1/4 billions, the manufacturers 4 1/2 billions; the bankers 200 millions, the merchants 3 1/2 billions, the miners more than a half million, and a miscellaneous payroll takes the remainder."

"But when he has met these obligations, the man on the farm has left for himself and his family about what would constitute day wages. Mainly, this is because his is the only industry unorganized, and because he must pay more interest for money with which to finance his business than any other person on earth."

"A little more money for his year's work than if he had hired himself out as a farm hand is what the United States Department of Agriculture finds the average farmer gets."

"Though his investment is about as great as that of the average business man, the average farmer is rewarded with little or nothing for the risk he takes or the responsibility he assumes."

"The farmers of the United States are borrowing more than 2 billion dollars a year on their land alone and are buying credit at from 6 to 25 per cent. Nobody else pays as much for it."

No Lower Prices Soon.

"It seems to me the consumer cannot expect any decided recession of prices as long as the war lasts. On the farm, and in the factory we must continue to be the busiest people in the world. During the first year of the war approximately 370 million bushels of wheat were shipped to Europe—much more than a million bushels a day. For one, two or three years, more than 374 million people, representing the population of the countries at war, must look to us

A plot concocted by unknown Americans with interests in Mexico, to bring on sudden war or intervention in Mexico by the American government, was recently exposed in Washington. We now are learning that the recent border troubles were in most cases carefully staged and prearranged affairs, backed up with colored news reports, the object being to inflame public opinion. How much of this and the noisy and continuous clamor for expanding immensely increased sums on "armament preparedness" is really genuine, do you think? And as a prudent and sensible people hadn't we better find out first if the kind of preparedness we may be led to undertake, hasn't been proved simply wasteful folly by the present war?

for nearly all the necessities of life, not simply during the war, but during several years of reconstruction after peace is declared; before the ruin of European agriculture can be restored and its farm population again recruited; before its mills and factories can again be set going. The resources of the United States as a producing nation are to be tested as they have never been tested.

Possibly Is Cholera

I should like to know what is wrong with my hogs. They have been in the alfalfa all summer, and weigh about 200 pounds. It seems to be an effort for them to get up, and when they are up they will give a downward dip of the back as if pricked with a sharp instrument back of the shoulders. They will walk 10 or 12 feet and dip again. J. S. Marshall County, Kansas.

I cannot tell you positively what the trouble is with your hogs as the only symptom submitted, dipping of the back, is not characteristic of any particular condition. I suggest that if any of the animals die you have a competent graduate veterinarian perform a post-mortem. If they do not die you might take the temperature and if any of the hogs have a temperature higher than 104, I should be suspicious of hog cholera. Dr. R. R. Dykstra.

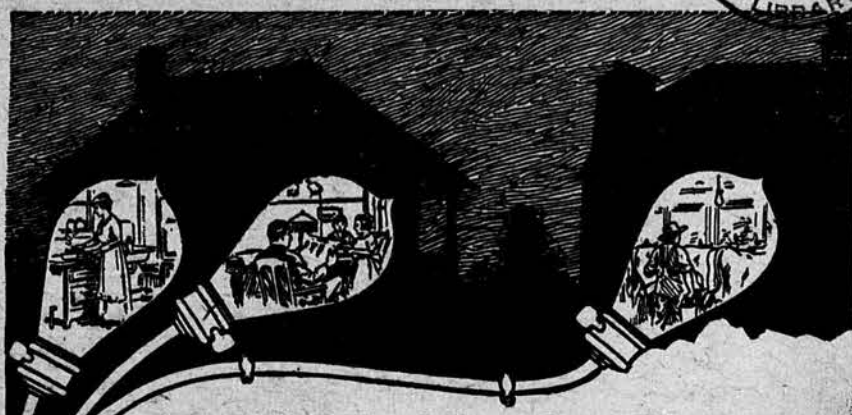
Kansas State Agricultural College.

Cow Bloats All the Time

One of my cows is bloated all the time, as if she were running on alfalfa. She is on prairie grass pasture. She has been bloated for two months now. She eats fairly well, but is losing flesh. She is due to calve November 20. M. C. Lyon County, Kansas.

Chronic bloating of cattle frequently is due to the fact that the animal has tuberculosis. In this condition an enlarged lymph gland presses upon the gullet and prevents the normal eructation of gas. I should suggest that you have a competent graduate veterinarian tuberculin test this animal. Dr. R. R. Dykstra.

Kansas State Agricultural College.



Brighten Up the Farm

Get rid of the oil lamps that are a constant fire menace, and put in electric lights. You can have them just as steady and just as safe as in any city. No matches; no lamps to upset; no danger of any kind.

One of these simple outfits will provide you just such light at little cost. It will give power to run your pump, feed grinder, and some of the other light machinery on the place. And it will enable your wife to have an electric iron, an electric vacuum cleaner, a washing machine, and to save much of her household work. No experience is necessary to run the

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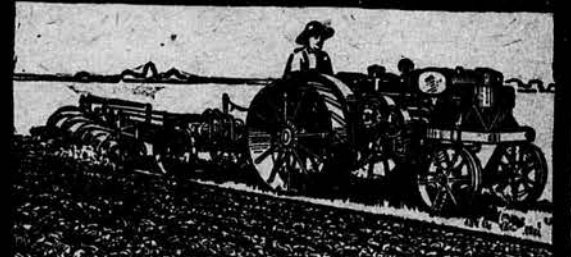
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Is a Good
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WHO and what is back of it is as much a question to investigate about a tractor and plow before you buy as it is to consider the pedigree of an animal.

We are glad to tell you what is behind an Avery Outfit.

First of all—behind an Avery Outfit is the knowledge that comes only from long experience. For more than ten years the Avery Company has been experimenting, building and developing power farming machinery. The Avery Company was the first company now manufacturing tractors and plows to design and build a power plowing outfit.

Second—back of an Avery Outfit is a progressive spirit. That is the reason why the Avery Company were

the designers of the first "self-lift" plow, the only motor with removable inner walls, the only electric starter, etc., and why Avery Tractors and Plows have proven so successful and popular that there are more acres plowed every year by Avery Outfits than any other make.

Third—back of an Avery Outfit are the hardest possible tests. Avery machines are the only make which have been entered in every motor and plow contest and every big plowing demonstration. They were also introduced by being sold on approval.

Fourth—back of an Avery Outfit is our own large factory and our own branch houses, which insure your getting machines built under careful supervision with permanent expert and repair service after you get them.

Avery Outfits Have the Backing You Want. We have endeavored to put Avery Outfits on a basis where they would have the best backing any man could ask. There are 7 sizes from 1 to 10 plows—fit any size farm. Learn all the facts about them. Write now for a complete tractor or plow catalog or call on any Avery Agent, Branch House, Jobber or our Home Office.

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7 Sizes. Fit Any Farm

EVERY

Autumn Days on the Farm

October Was a Good Month For Ambitious Workers

BY HARLEY HATCH

THIS is written October 9. Thus far the month has been a good one for work. We got up this morning to find vegetation pinched and a skim of ice in the chicken trough which means that the immature fodder might as well be cut at once. The frost did no harm, for corn was matured and the late planted kafir and feterita would not have ripened had frost stayed away until November.



The Manure Spreader Was Kept Busy.

A large part of this late feterita and kafir was planted in the hope that it would make silage but it scarcely matured enough for that. It was just nicely in the bloom and was very green and sappy. Such a growth probably would make acid silage, and is better fed in a cured state. After the frost it will not be so likely to spoil in the shock, but it is so very green that wet weather following the cutting may damage it considerably.

This has been a fairly busy week on Jayhawk farm. Monday and Tuesday the manure spreader was kept going while another team was mowing the last crop of alfalfa. On Wednesday the rake was started to be followed up at once by the hay loader. The last crop on the 18 acres of alfalfa made 13 good loads which was put in three round stacks. Part of our hay was put in round stacks this summer and part in ricks, and we have found that the round stacks keep by far the better. It is a little more trouble to make them and they will not hold so much hay as a rick, but they stand these heavy rains much better. The round stack does not develop holes and hollows as does the rick.

Just as soon as the alfalfa was in the stack the corn binder was started, and we finished, last night, the last corn we are going to cut this year and put it in the shock. We did not cut up more than half as much as we did last year but we shall not need more than that amount. There is almost hay enough stacked out to winter the cattle and it had better be fed than to try to carry it over another season. We have two stacks carried over from last year, and they are one-half rotten. Usually hay which is well stacked can be carried over with less loss but this summer tested stack tops as never before.

The only feed crop that now remains to be harvested on this farm is four acres of sowed cane. This has been nipped by the frost and our plans now are to cut it next Monday if rain does not intervene. This cane was not sown until well into July and it was very green when the frost struck. It will make quite a heavy swath in spite of the late sowing. As it is so full of sap we will let it lie in the swath until it is pretty well dried, and will then put it up in the field in bunches of about one-half ton each. It will make wadding for the cattle but it was so immature that it cannot have much strength to it. Fed in connection with alfalfa hay it may do the stock some good.

We have tried several ways of handling sowed cane and kafir in the last 20 years and have come to the conclu-

sion that it is best to put it up in pretty good sized bunches in the field and let it stay there until it is fed. We let sowed kafir cure in the windrow one year and then stacked it. It made good feed but no better than that bunched in the field and we had an immense amount of work in stacking it, work for which we did not think we received any benefit. In three seasons we have cut sowed cane and kafir with a grain binder and shocked the bundles up in the field until cured when it was stacked. This is a good way to harvest such a crop and it handles very nicely and is easily fed but we are satisfied that stock do not like it so well as that put up loose. It seems to be an ideal way to harvest such a crop, and it would be ideal if the stock relished the feed as well. Perhaps in a drier locality this bound feed would cure out better; here it often blackens in the bundle and then the stock do not like it.

While there still seems to be considerable grass in the pastures cattle are beginning to want other feed. They bawl when they see feed being handled and where they have access to it they are beginning to eat considerable hay. Many have taken this time to clear up what stuff they were going to ship and 20 cars of cattle have been shipped over the Santa Fe from Gridley this week. It doesn't pay to let stock begin to get thin on pasture in order to save a little feed at the start. In fact, we once heard an especially good stock feeder say that if he had to skimp the stock at any season of the year he would prefer to do it in the spring. He thought if cattle went through the first part of the winter in good condition they would hold their strength better during the next spring than cattle which had been allowed to get thin and were then well fed during March. Best of all, of course, is to have plenty for them to eat from October to May.

The potato question was talked over at the Grange the other evening and practically all were in favor of ordering Red River Early Ohio. The choice lay between Colorado stock and the northern grown Ohio or Rural. Colorado potatoes are very fine and could have been laid down here cheaper than northern stock, but nearly all wished the northern grown stock because they would furnish seed next spring. It is always best to plant northern grown seed here when early potatoes are wanted. Such seed costs usually about \$1.25 a bushel in the spring. So each member ordered what potatoes he needed for winter use and included enough to furnish seed for next spring. The potatoes ordered are to come from the Red River district in North Dakota and are all Early Ohio and are sacked. The price laid down at Gridley is to be 62½ cents a bushel.

A reader from northwest Kansas writes us that his implement dealer asked \$125 for a hay loader and wants to know if this is the usual price. It seems to us that there must be some mistake; we can scarcely conceive that any dealer would be so foolish as to hold up a customer in such a manner.

We said a short time ago that a hay loader ought to be bought in any Kansas locality for not to exceed \$75 and this week comes a letter from the manager of an implement house at Kansas City which handles one of the best makes in which he says that their loader should not cost over \$65 laid down in eastern Kansas. So it will be seen that \$75 should buy a loader even in the western part of the state. A dealer who would attempt to charge \$125 for a hay loader should be run out of business.

On this farm we are now feeding 44 head of hogs, eight of which are old sows weighing well over 300 pounds, while 36 are pigs farrowed in late May or early June. The course of the hog market just now is encouraging, the market paper this morning saying that top hogs had reached \$8.50 in Kansas City. We do not forget, however, that hogs can drop in price even more rapidly than they have risen. Packers usually hit the market as hard as possible about November 1 but this year they may have reasons for an opposite course. If they are well stocked with cured product they may support the market instead of using a submarine on it. We expect to feed our hogs mostly on old corn as we have about enough of it on hand to finish them. For slop we will use shorts and in about 30 days will begin to feed tankage. By that time the old sows will be gone and the young hogs will begin to feel the need of something to go with the old corn. We are gradually increasing the corn feed and intend soon to give them all they can eat. The weather just now is fine for hog feeding.

Here's a Road Map

An automobile road map of the eastern section of Kansas has been published by the Eastern Kansas Good Roads association. The map shows all the best routes of travel in the Second Congressional district and also shows the system of inter-county highways which when permanently improved would enable the road traveling public to reach any farming community in any kind of weather.

It is a purpose of the association to induce the legislature to enact a law for the improvement of the roads in the state. It is particularly desired to procure legislation whereby the counties will have the privilege of improving the intercounty roads precedent to all other county highways.

J. Frank Smith, president of the association, says:

"The dirt roads of Kansas have become badly 'demoralized' by the excessive rains of the past eight months. Their bad condition all this year has demonstrated very forcibly the need of permanent roads. Mr. Akers, state treasurer, suggests a state bond issue of 25 million dollars to be used in building permanent state roads. The plan is a good one and will be a splendid thing for Kansas if the people can be induced to vote for it. This suggestion probably contemplates the main cross-state highways.

"My plan contemplates a complete inter-county system of highways that will benefit nearly every taxpayer in the country where the law is applied. It can be put into operation immediately after the law has been enacted by petitions of the taxpayers in any county. The bill provides that the county pay 75 per cent of the cost, the township 15 per cent and the adjacent land 10 per cent. If desired a county through which a national state highway passes could use its funds to permanently build this road before any other county roads would be improved. Under this law, if all the counties along the national highways would proceed at once to improving such roads, they would be completed about as quickly as if the state were to build them. The counties, townships and property adjacent would pay the costs and get the benefits. The per cent of the cost by the county, township and adjacent lands may be changed as these percentages are not fixed. Also the 1 mill tax might be increased if desired.

The following interesting notice appeared in the columns of an enterprising Minnesota newspaper:

"I have been instructed by the Village Council to enforce the ordinance against chickens running at large and riding bicycles on the sidewalk.—Harry Shells, Village Marshal.—New York Tribune.

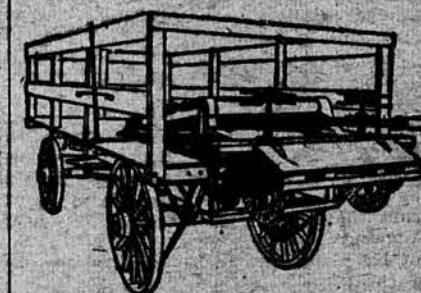
Don't Burn Your Straw!

Make \$2.50 a Ton From It Right On Your Own Farm.

You don't see many burning straw piles any more, because farmers have found that properly used, the straw from a 40-acre field is worth \$100 in gold.

By spreading straw hundreds of farmers in the wheat belt have increased their wheat yield five bushels an acre. Besides this they have also stopped crop losses due to soil blowing. Farmers realize that the time is past when they can afford to go on year after year raising smaller crops—or to lose them by soil blowing.

Other methods may be all right but the quickest, cheapest and surest way to stop soil blowing is to spread straw—a straw spreader solves this problem. With a straw spreader you can easily cover 20 acres or more a day, and besides protecting your crop from the winds you increase the fertility of your land at the rate of \$2.50 for every ton of straw you spread and insure your crop a good supply of moisture whether the rainfall is up to standard next summer or not.



Professor W. M. Jardine, of the Kansas State Agricultural college, in a recent address, urged the farmers to return every ton of unused straw to the land. Wm. Knop reports that his straw spreader makes him \$500 a year easily; F. R. Cordry says he increased his wheat seven bushels an acre. Scores of others who have used straw spreaders for several seasons say they are big money makers and that they could not afford to be without them.

The Simplex Straw Spreader can be attached to any hay frame in a short while and the cost is a mere trifle compared to what it will make you in a single season. Besides being used for a straw spreader it can be used for spreading manure. Many farmers who own both use the straw spreader for spreading manure and let their manure spreader stand idle or sell it because they like the way the "Simplex" spreads manure the best.

The Manson Campbell Company, 918 Traders Building, Kansas City, Missouri, will send any farmer a brand new Simplex Straw Spreader, without the payment of even \$1 down, to be used on a 30-day free trial. If you are satisfied with the spreader you can have a whole year to pay for it. No farmer can make a mistake buying a straw spreader on this plan because it will pay for itself ten times over the first season.

A very interesting book on straw fertilizer and soil blowing has been issued by the Manson Campbell Company. It contains pictures and letters of scores of the best-known farmers who have used straw spreaders for several years. It will be sent free to anyone who writes for it.—Advertisement.

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show this standard high grade fully visible typewriter to your friends and let them see wherein it exceeds any other \$100 typewriter. If by doing this and recommending others you could easily earn one to keep yourself or a then by post card or letter to us simply say "Send me more." **WOODSTOCK TYPEWRITER CO., Box 6126, Woodstock, Ill.**

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The Cattle at Jayhawk Farm Are Still Contented on the October Pastures. Grazing Is Good.

More Interest in Pumping

The Irrigation Farmers Met Last Week at Garden City

BY F. B. NICHOLS, Field Editor

IRRIGATION in western Kansas has passed the experimental stage. It is now a definite success, with plenty of data to indicate to any man whether an investment along this line will pay. Most of the plants which were efficiently constructed are paying well, and there is certain to be a rapid growth in irrigation in the underflow sections in the next few years. These are some of the lessons taught by the fourth annual meeting of the Kansas State Irrigation congress held last week at Garden City.

Never before had such an enthusiastic group of irrigation farmers been gathered together in this state. The attendance was good, too, when it is considered that there has been a heavy rainfall in western Kansas this year, and that farmers were especially busy with their forage crops which had been killed by the frost. Most of the men who spoke were from the irrigated farms around Garden City, and on the second day a 60-mile trip was made to 11 plants in that community, so the visitors had an excellent opportunity to see the practical work done by the men who gave the lectures.

One of the features of the congress was the talk given by G. W. Atwood, an especially efficient irrigation farmer, who lives on an 80-acre place west of Garden City. He was the second man in the community to use electric power for pumping. This power is purchased from the Garden City Sugar and Land Company. The cost of the power and oil for his plant last year was \$158 and all of the farm was irrigated except a few acres around the buildings and lots. Alfalfa and the sorghums are the leading crops. The income from this place last year was \$1,735. The kafir from 6 acres was sold for \$191, or considerably more than enough to pay the pumping costs.

The success which Mr. Atwood and others have had with electric power has made it obvious that the idea of the central power plant is fundamentally right, and that it is the coming power for irrigation in the shallow water districts, and perhaps in the deep well communities. Already there is a great deal of talk about the proposed extension of the power line to Scott City. Other central power plants will, without doubt, be built later, as soon as the successful operation of the Garden City plant has time to interest the necessary capital.

The history of irrigation in the Garden City district was told by I. L. Diesem of Garden City, who began irrigating with a windmill in 1889. He showed that there has been a great increase in efficiency in the operation of the plants, and in the profits. Chester Carter of Garden City spoke on the development of the shallow water pumping plants, while Preston A. Burtis told of the deep well pumping. While the most rapid development at Garden City has been on the shallow lifts, there has been an encouraging progress with the deeper wells. The Garden City Sugar and Land company, for example, has 12 deep wells, which have a depth of from 150 to 185 feet.

One session considered the technical end of efficient plant operation. R. A. Seaton, professor of applied mechanics in the Kansas State Agricultural college, spoke on "Irrigation Pump Equipment," in which he made a plea for good machinery and a careful study of the plant after it is installed, to make sure that it has a proper efficiency. He showed from laboratory tests the importance of care along this line—for example an increase of 10 feet in the lift with one outfit without a change in the speed reduced its efficiency from

60 to 45 per cent. George S. Knapp, a government engineer who has been doing experimental work on the plant at the Garden City Experiment station, showed how the costs had been almost cut in half by running the outfit properly. A. A. Potter, dean of engineering in the Kansas State Agricultural college, told about the place for tractors and oil engines in irrigation farming, and he called special attention to the need for high grade machinery. H. C. Diesem of Denver, a government engineer in charge of the co-operative work with the owners of plants in Kansas, Nebraska and Colorado, delivered an address on the costs of pumping, and the factors which help to decrease them.

H. B. Quimby, manager of the L. R. Moore ranch of Garden City, told of the way to handle irrigation water. He believes that great care should be used in getting even distribution. J. W. Lough of Scott City, state irrigation commissioner, talked on alfalfa irrigation. Mr. Lough has produced more than 7 tons an acre from the four cuttings on his farm. He gives two irrigations to the crop, each consisting of about 3 inches. The results of the irrigation experiments on the Garden City Experiment station were given by M. C. Sewell, the superintendent. The state has a deep well, with a draw down of 130 feet. The engine is a 75 horsepower Foss, and 760 gallons a minute of water is delivered. Mr. Sewell showed that for most of the crops, especially alfalfa, good profits had been made from this irrigation, even after allowing 10 per cent depreciation, 8 per cent interest and a very liberal repair bill. His paper created a great deal of interest. The very considerable development of the irrigation on the high lifts by the Garden City Sugar and Land company shows that it also is making good profits from the deep wells. Several more wells will be sunk on the uplands by this company in the next year.

The inspection trip which was taken to the plants in the Garden City community was especially interesting to the visitors. All types were shown. Plants which cost from \$600 to \$10,000 were inspected. One plant had a depth to water of 12 feet, while one had a draw down of 180 feet. The power varied from 10 to 150 horsepower. The trip included a visit to the famous Reservoir No. 5, which is commonly known over the state as "that big lake above Lakin." It is owned by the Garden City Sugar and Land company, and it is filled by water from the Arkansas river, through an intake ditch 12 miles long. The lake is on the uplands and it covers 3,010 acres. It is 6 miles long, 1 1/4 miles wide and 30 feet deep at its deepest point. It holds 31,000 acre feet of water.

The beautiful appearance of the Garden City country was especially obvious to the visitors, and it created a great deal of comment. It helped to indicate the success of the irrigation movement. The congress and the inspection trip did a great deal to promote irrigation in western Kansas. Irrigation has helped to increase the profits in farming, and to make country life much more satisfactory.

The congress adopted a resolution especially commending the irrigation work of the Garden City Experiment station. It is believed that Mr. Sewell is getting excellent results.

The congress of 1916 will be at Larned. The officers for the coming year will be: E. E. Frizell, Larned, president; E. J. Guilbert, Wallace, vice president and H. B. Walker, Manhattan, secretary.

David J. Palmer

Commander-in-chief
Grand Army of the Republic

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David J. Palmer



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Tuxedo cheers you at your work and soothes you when you're resting. It's healthful and wholesome, and it fills your soul with a gladsome glimmer like the sunbeams on a rippling brook.

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There are lots of tobaccos that have tried hard to get into Tuxedo's class—but when you compare them, they only make the goodness of Tuxedo more conspicuous. Trouble is they cannot be made by the "Tuxedo Process."

The famous original "Tuxedo Process" was invented by a physician years ago, and it remains today the one really successful process for taking the bite out of tobacco. It has made Tuxedo the best and friendliest smoke in the world.

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In Tin Humidors, 40c and 80c In Glass Humidors, 50c and 90c

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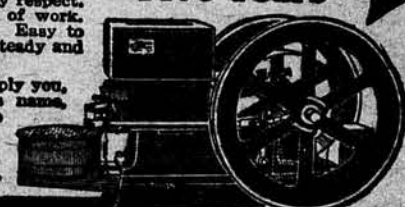
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Most serviceable and practical bins to buy. Made of best quality galvanized metal or black metal with baked on coat of enamel. Sectional construction, easy to erect, portable, fire, rat and lightning proof.
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A Hallowe'en Party Is Fun

There's Nothing Stiff or Formal About All Saints' Eve

BY EDITH HINES DOUGLASS

A HALLOWE'EN social was given by our Christian Endeavor society. Any kind of party on that occasion is great fun. The church or home should be decorated with colored autumn leaves. Real maple leaves are beautiful, but artificial ones will do, made from colored tissue paper or heavy white paper, which small children will enjoy coloring for you after the leaves are cut out. Then there should be black cats, and witches riding broomsticks. Light the room only by jack-o'-lanterns made from real pumpkins or from paper. It is great fun to make these if several go together.



The guests may be masked or not, as preferred. In one corner we made a witches' hovel out of cornstalks, before which sat a witch, quaintly dressed. Occasionally she stirred something in a black kettle hung on a tripod of three sticks. She muttered to herself, and read the future for a few coppers.

There was also a "wheel of fortune," made by one of our young men. It consisted of a round flat box suspended between two upright sticks in such a way that it could be turned around. A partition divided the box into two parts; one part contained the boys' fortunes, the other the girls'. There was a hole in each side. For a fee of 1 to 5 cents the wheel was turned, and the one who paid reached into the box to obtain his fortune. These fortunes were read aloud in turn, and were a source of much amusement.

An apple was suspended by a string and several gathered round and tried to eat it without touching it with their hands. Apples can be pared and the peelings saved whole. Drop this peeling over your right shoulder to discover the initial of your future husband or wife.

Melt lead and drop into a pan of cold water, and thus find your future husband's trade. For instance, if the cooling lead forms into the shape of a gun he will be a soldier or hunter. If a sledge hammer, he will be a blacksmith. The guests may also toss slippers and play many other games of fortune telling or magic.

Ingalls, Kan.

Cranberry Frolics Are Fun

[Prize Letter.]

If you are planning an evening party for some time this winter and are in doubt as to the form of entertainment, try a cranberry frolic. You will find it is lots of fun. After the guests all have arrived, give every one a small bag with instructions to hunt for cranberries which have been hidden previously in all sorts of places around the room. At a given time, call the hunt off, count the berries in the bags and give a small prize to the person who has the most. Next have a berry throw. On a table at one side of the room, arrange three small baskets. The guests stand on the opposite side of the room and in turn try to throw 20 berries into the baskets. The baskets are numbered to tell how many points are scored when a berry is thrown in. For instance, if a guest gets 8 berries in the basket marked 5, and 6 berries in the basket marked 10, and 7 more in the basket marked 15, his score would be 205.

Spearing berries will prove an amusing feature also. Use penny hatpins for spears. Fill a large bowl with berries and provide small dishes for the contestants to put their berries in as they are speared from the bowl. Four persons can try this conveniently at one time, and when the bowls are emptied, each player counts his berries to see who has the most. The berries are then put back into the bowl and four more play-

ers spear for them. A small prize may be given the player who spears the most berries. This game is a little harder than it sounds, for the contestants must not use their fingers to help get the berries on or off the hatpins.

A bottle race may be tried next. The requisites for this contest are 25 cranberries, a silver knife and a bottle with a rather small mouth. The guests in turn put the berries, one at a time, into the bottle by simply using the knife. If one falls off, it must be picked up with the knife again and put into the bottle. The hostess should have a watch to time the contestants, as the player who succeeds in putting the berries into the bottle in the shortest time wins the race. If one wishes to give favors, a cranberry pie made in Jack Horner style is a good way to do so. Little souvenirs are made into parcels and put into a large round pan covered with brown paper. Strings attached to the parcels protrude through the paper and a cranberry is strung on the end of each and left on top of the pie. Each guest pulls a berry, thus breaking the string, and finds his souvenir on the end of the string. The best of the frolic is that the games are simple and require so little preparation that the hostess can enter into the fun without being tired out before the guests arrive.

The refreshments may be as simple or as elaborate as one desires. If you

The same week that forty-four police officers with records for interfering with vice graft, were fired in Kansas City, a ward politician facing a grave statutory charge brought by young girls, received aid when he was in most desperate need of it. The girls were being held as witnesses in the detention home. There had been one dismissal of the case and several continuances. The customary legal quibbles used for wearing out justice, had about been exhausted. Then someone assisted the girls to escape, helped them to jump down from a 12-foot roof and to jump over a 7-foot fence and disappear, much to the relief of the ward politician. There is no dirty work too dirty for dirty politics.

wish to continue the cranberry idea, serve cranberry sherbet and cake with white frosting on which are placed little red candies to represent the berries. To make the sherbet, cook the berries, force them through a sieve, sweeten them, add some lemon juice and proceed as for any fruit sherbet.

Mrs. Alfred Riemer.

Florence, Neb.

Attention, Kansas People!

There were 331 letters received in response to the contest in Kansas counties announced in the Farmers Mail and Breeze of September 4. Of these, six lists of answers were perfectly correct.

In two or three cases any one of several answers might have been given, and in awarding the prizes any answer that fitted the description was considered correct. In the case of the county which bears a boy's Christian name Phillip, Ellis, Allen, Morris, Marion, and others were permissible.

Four Kansas counties bear the name of a tribe of Algonquin Indians—Ottawa, Miami, Pottawatomie, and Shawnee. Most of those whose lists were correct in other respects named all four counties.

The Cherokee rose, the famous rose of the South, has been grown there more

than 100 years. There was considerable difference of opinion on this point.

There is now no town at the place of the first Kansas capital, Pawnee, but the old capital building still stands, and may be seen by any traveler on the main line of the Union Pacific railroad. After several years the Fort Riley reservation was extended to take in the ground on which it stands, and the name of the town was lost from the map. The building has been marked by the State Historical society.

The following persons sent in correct lists: G. E. Bartlett, R. 4, Walnut, Kan.; Ethel Snider, R. 3, Sabetha, Kan.; Myrtle E. Buck, Potwin, Kan.; Mrs. W. E. Ripetoe, Havana, Kan.; Flora Marsh, Seguin, Kan.; Mrs. V. J. Shiroky, R. 2, Lucas, Kan. Miss Bartlett, because of unusual completeness of detail in her list, has fairly won first place. Second and third prizes, a copy of the book, "Byways Around San Francisco Bay," and a set of silver teaspoons, have been awarded to Miss Snider and Miss Buck. The other three have been given their choice of teaspoons or book. There are 105 counties in Kansas. The list follows:

English man servant, Butler; southern rose, Cherokee; a beverage, Coffey; a tonsorial artist, Barber; "Old Hickory," Jackson; kind of flour, Graham; king of beasts, Lyon; author of the Waverly novels, Scott; a precious stone, Jewell; the Hoosier poet, Riley; a kind of soil, Clay; best known automobile, Ford; a kind of large deer, Elk; "Poor Richard," Franklin; an ancient musician, Harper; founder and editor of New York Tribune, Greeley; a summer lecture course, Chattanooga; salty, Saline; divorce city of Nevada, Reno; "First in war, first in peace," Washington; short country road, Lane; place of first Kansas capital, Pawnee; grain used by Japanese, Rice; a town officer, Marshall; birds resembling the crows, Rooks; a commonwealth, Republic; the doubting disciple, Thomas; the largest family, Smith; founder of the Democratic party, Jefferson; a marsh plant used in making chair seats, Rush; the Civil war president, Lincoln; two colors, Brown, Gray; another name for a hunt, Chase; a meadow, Meade; debated against Lincoln, Douglas; a tribe of roaming Indians, Comanche; capital of Wyoming, Cheyenne; "Unconditional Surrender," Grant; a forest in summer, Greenwood; a kind of chicken, Wyandotte; made a famous march to the sea, Sherman; the president that was impeached, Johnson; made a famous ride during the Civil war, Sheridan; manager of Santa Fe eating house system, Harvey; a boy's Christian name, Marion and others; secretary of state under Lincoln, Seward; a collection of visible vapor in the atmosphere, Cloud; most popular national hero of Scotland, Wallace; a tribe of the Algonquin Indians, Shawnee, Ottawa, Miami, Pottawatomie.

Are You a Good Soap Maker?

Have you enrolled in the big soap-making contest? Taking it for granted that you have, of course you would like to know something about how the soap will be judged. In the office of the Farmers Mail and Breeze are two cakes of soap made from pure fat, water, and lye. They have not been submitted in the contest, but are here merely to show what can be done with homemade soap. The cakes are as white and attractive as any toilet soap. One is made by boiling, one by the cold process. Here are some suggestions as to soap making from the chief chemist of a well known soap company:

The color of the soap will depend on the stock (grease) employed. It should be nearly as white as the stock, and should be uniform in color. Pure lard will yield a white soap; that made from tallow may be slightly yellow.

Soap should be perfectly smooth and homogeneous; that is, no globules of unsaponified fat or undissolved lye or potash should be present.

Soap should be soluble enough to lather freely, yet to be economical should not wear away too rapidly. The best soap is the one which gives a good lather with minimum consumption.

Cracklings, bacon rinds, and similar things contain a certain amount of meat fiber in addition to the fat, which will fill up the soap without adding to its value. This is all right for home use; but in the best soap, that is, such soap as you would be willing to pay good money for if you did not have it on hand, there is no such useless filler.

The prize for the best soap submitted in this contest is \$20 in cash, and for

every bar submitted there will be some reward. If you have not enrolled, write to the Farmers Mail and Breeze for particulars.

Fall o' the Year

When the summer flowers are dying,
And the birds are southward flying,
And we hear the wild geese crying,
As they travel through the air;
When we see the farmer going
To the field, and start in sowing,
Winter wheat, to have it growing,
Then it's getting fall o' year.

Oh, the richness of October!
And November, gray and sober,
With fat turkeys and the gobbler,
And Thanksgiving time so near!
All the canned fruit in the cellar,
Squash and pumpkins ripe and yellow,
Jellies, jams and apples mellow,
All proclaim it's fall o' year.

We will miss the flowers of June days,
And the warmth of summer sun rays,
And the leafy woods and pathways,
With the songs of birds to cheer;
The coy maiden and her lover,
As they walked through fields of clover—
Sweet the memory now it's over;
Fields are bare—it's fall o' year.

Yet we're glad that God intended
All the seasons should be blended,
For when summer days are ended,
Then the autumn time is here.
Now the leaves are flying, dancing,
Led by Northwind so entrancing,
Soon old Winter will come prancing,
Then farewell to fall o' year.
—Sarah Wood Cashner.

HOME DRESSMAKING

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

The pattern for dress 7397 is for children 2, 4, 6, and 8 years old. Skirt 7421 is in six sizes, 22 to 32 inches waist measure. Shirtwaist 7432 is in seven sizes, for women 34 to 46 inches bust measure.



The skirt of the empire negligee 7410 may be pleated or gathered. Sizes 36, 40, and 44 inches bust measure. Dress 7033 closes at the back. Sizes 2, 4, 6, and 8 years.

USE THIS COUPON FOR PATTERN ORDERS.

The 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

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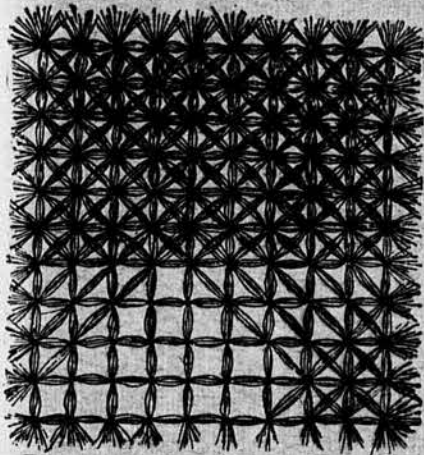
R. F. D. or St. No.....

BE SURE TO GIVE NUMBER AND SIZE.

Turkeys are reliable for both incubating and brooding.

Table Mat For Hot Dishes

Woven table mats, of the kind illustrated, are very popular this year, and are for sale at most of the large dry goods stores. But any woman can make one. She must have a frame of boards,



THE WORK PARTLY FINISHED.

say 10 inches square, with nails driven in every $\frac{1}{4}$ inch. White twine does very well for making the mats. Beginning at the second nail from one corner wrap the twine around the nails, from side to side, passing the twine several times over each set of nails. When the frame is covered this way, go across in the same way, then cornerways first in one direction and then the other. Then tie firmly at each intersection, running the twine along from square to square. When all the squares are tied cut off from the frame, and you will have a mat fringed around the edge. These mats are made 1-3 to $\frac{1}{2}$ inch thick, which prevents any injury to the table from hot dishes.

Apples Three Times a Day

"An apple a day keeps the doctor away," said someone years ago; and wise looking scientists are telling us now that if we ate more fruit we should have better health. Fruit is not a luxury, to be indulged in sparingly once in a while, but an everyday necessity. An apple cooked is quite as valuable as an apple eaten raw, provided it is not cooked with too much sugar. Fruit of a preserve consistency is hard on the digestion of the healthiest. Here are some recipes that are "different" and they will help to furnish the variety that is so necessary:

Brown Betty.

Pare and chop 6 apples. Place a layer of apple in a well buttered pudding dish, then a layer of bread crumbs, sprinkle with brown sugar and cinnamon. Repeat until the dish is full. Add several generous lumps of butter and pour on sweet milk or water until it comes within an inch of the top of the pan. Bake in a moderate oven until brown, and serve with plain or whipped cream.

Apple Butter Canapes.

Cut thick slices from a loaf of brown bread, and stamp into rounds with a biscuit cutter. Spread each round with apple butter. In the center place an English walnut or hickory nut meat and arrange a border of chopped nuts around the edge. Serve with cheese.

Apple Custard.

Beat the yolks of 4 eggs and add $\frac{1}{2}$ cup of sugar; cook for 1 or 2 minutes and remove from the fire. Gradually add 1 pint of grated apple. Pour into a serving dish and cover with meringue made of the well beaten whites of 4 eggs and 3 tablespoons of powdered sugar.

Apple Fritters.

Mix and sift 1-3 cups of flour, 2 teaspoons baking powder and $\frac{1}{4}$ teaspoon salt. Add gradually, while stirring constantly, 2-3 cup of milk and 1 egg well beaten. Wipe, core, and pare 2 medium sized sour apples and cut into eighths, then slice the eighths and stir into the batter. Drop by the spoonful into deep, hot fat and fry until delicately browned, like doughnuts. Drain on brown paper and sprinkle with powdered sugar.

Apple Icing.

One cup sugar, 1-3 cup water, 1 salt-spoon cream of tartar. Heat gradually and boil without stirring until the sirup will thread when dropped from a fork. Pour slowly over the well beaten white of 1 egg, beating constantly, and con-

tinue until thick enough to spread. Add 2 tablespoons of grated apple, and spread on the cake.

Stuffed Apples.

Scoop out apples and fill the shell with English walnuts and apple pulp mixed with mayonnaise. Place in a circle on a large serving dish and heap whipped cream in the center.

Apples and Rice.

Pare and core apples, place in a baking dish and fill the holes in the apples with chopped raisins and sugar. Fill the spaces between the apples with rice that has been boiled for 15 minutes. Cover and bake 15 minutes, then remove cover and bake for 15 minutes longer. Serve hot with cream.

Apple and Nut Salad.

Mix 1 pint of celery and 1 pint of apples cut into small pieces with $\frac{1}{2}$ pint of broken English walnut meats. Dress with boiled salad dressing and serve in apple cups or on lettuce leaves.

Books For Boys and Girls

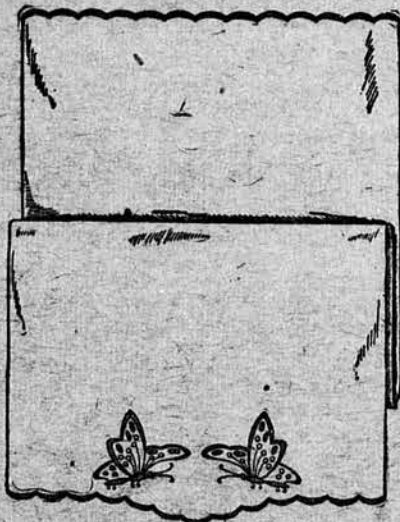
During the vacation season children are a little more at liberty to read than they are when winter studies must claim their spare time. But there is reading, and reading. Some is the mush and milk kind, some is vicious, some is sirupy, some is so utterly stupid that those who are condemned to it decide they don't care for reading; and then there are many books that are wholesome, interesting, constructive, just the sort that is loved by the normal boy and girl. The city librarian of Topeka has prepared a list of two dozen good books of the kind most popular among Topeka boys and girls of 12 to 15 years. Here it is:

Boys' Books—"The Hallowell Partnership," by Katherine H. Brown; "Through the Desert," by Henryk Sienkiewicz; "Building an Airship at Silver Fox Farm," by James Otis Kaler; "Scouts of the Valley," by James Otis Kaler; "Lincoln, Conscript," by Homer Greene; "In Kentucky With Daniel Boone," by John T. McIntyre; "Old Ryerson," by Walter M. Camp; "The Circle K," by Edwin L. Sabin; "The Wilderness Castaways," by Dillon Wallace; "Campaigning With Crook," by Capt. King, U. S. A.; "With Puritan and Piquet," by William M. Graydon.

Girls' Books—"The Torch Bearer," by Ida M. Thurston; "Helen Over the Wall," by Beth B. Gilchrist; "Lady of the Lane," by F. O. Bartlett; "Sue Jane," by Maria Thompson Davies; "Anne of Green Gables," by L. M. Montgomery; "Anne of Avonlea," by L. M. Montgomery; "Her Daughter Jean," by Beulah M. Dix; "Josephine," by Ellen Douglas Deland; "Friends in the End," by Beulah M. Dix; "Yellow Star," by Elaine G. Eastman; "Glenlock Girls," (a series), by Grace May Remick.

An Embroidered Guest Towel

The huckaback used for this guest towel should be 16 inches wide, and a good length is 24 inches. The two ends are worked as illustrated. The entire design may be worked in white, but it would be very attractive with a touch



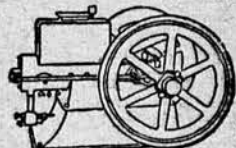
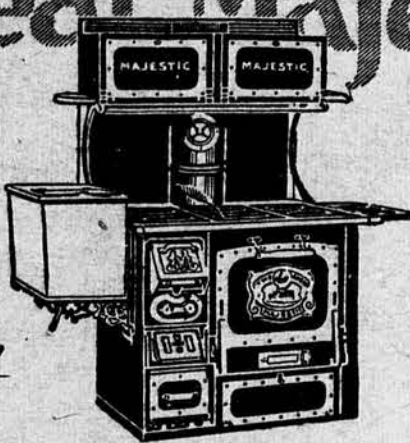
No. 15-7-15—Towel End.

of color, the spots and lines on the wings being worked in three shades of blue. If preferred, the dots will look well worked as eyelets. The pattern for this towel design, No. 15-7-15, may be obtained from the Farmers Mail and Breeze pattern department, Topeka, Kan. Price, 10 cents.

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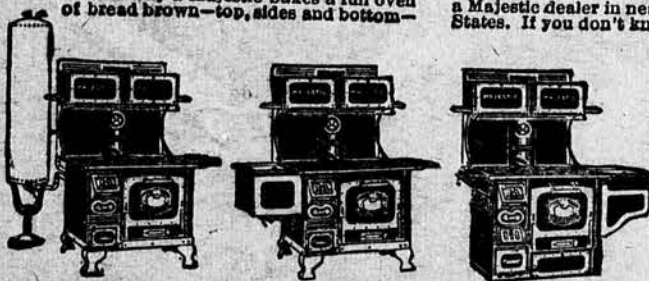
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without turning, and with the least fuel—not for a year or so, but for years to come.

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High Finance On the Farm

Kansas Boys Were Money Makers This Summer. Read These Letters and See How They Did It

(First Prize.)

WHEN school was out last spring I helped papa with the field work. I drilled corn and cultivated it and cut and raked alfalfa and plowed for sowing wheat. Then I took a two weeks' vacation and visited my uncle and aunt in Leavenworth. They took me sight-seeing to the National Military Home. We heard the band play in the band stand in the middle of the lake and saw the old soldiers march. In the kitchen we saw immense kettles, pots and ovens for cooking their food. There are beautiful flower beds on the grounds. One is arranged to represent the globe. We saw a beautiful fountain with goldfish in the water and queer iron snakes and frogs. They have a big brass cannon there that Dewey captured at Manila. It was on two big stones with flowers around it. We saw many pet squirrels skipping around the grounds.

Aunt Vina took me to see the federal prison which is about two miles north of Leavenworth. We saw prisoners at work sawing marble. We saw the big dining-room and the big cooking utensils. They have many pet guinea pigs and white rabbits there. I next visited my cousin Pearl. They have an ice cream factory and I had all the ice cream I could eat. After that I went to visit another aunt and uncle who live on a farm and have a pond with a boat to go boating. There were lots of grapes and apples to eat and I had more fun swimming and fishing than I can tell about. I earn my spending money by setting traps in the garden, orchard, alfalfa fields and corn crib. I catch moles, gophers and rats. The county gives a bounty of 10 cents a scalp for gophers and moles and papa gives me 5 cents for every rat I catch. In the winter I go hunting on Saturdays with my dog and catch civet cats, skunks and opossums and sell their furs.

Valdo Horn, age 13 years.

A Jack of All Trades.

(Prize Letter.)

I was 14 years old last March. School closed May 21 and the next day I went to my Grandpa Howard's, four miles east of Princeton, Kan. He lives just 26 miles from my home. He paid me \$1 a day for every day I worked in the fields but it rained so much I worked only 12 days. On rainy days I did chores for grandma. I came home June 26 so as to be here to go with the band to play for the Fourth of July celebration at Garnett. I play the cornet in the band and papa plays the trombone. I surely had a good time on the Fourth. After that there were a few days when I just helped mamma. Then I worked nine days for a man east of town and received \$7. On July 26, papa and I went to Garnett and had my tonsils and adenoids removed. I came home the next day but I couldn't work for a week.

I went back to grandpa's on August 2, and the next day I went with Uncle Bruce to Williamsburg, Kan., to cook for a hay crew. I also helped in the field some. Mamma telephoned me the band was to play at Centerville August 28 and told me to come home on Friday but I misunderstood her and did not get here till noon Saturday, too late to go. I went back to Williamsburg and stayed there till time for school to begin. For my work at Williamsburg I received \$18. The total amount I earned this summer is \$35. With this money I bought the following articles: Clothes, \$8.75; school books, \$1.50; band cap, 80 cents; medicine, 50 cents; operation on throat, \$15; White Wyandotte eggs, \$3. I used the rest for carfare and spending money, and I have 30 chickens from the eggs I bought. I also have a few White Polish bantams. Mamma and sister

took care of my chickens while I was gone. Sister claims the White Indian Runner ducks of which there are 44. I have enjoyed my vacation and feel as well as if I had loafed all summer.

Bush City, Kan. Leonard J. Wells.

The Pony Helped.

(Prize Letter.)

My home is north of Lawrence and I go to the Burnette school. I have a fine Shetland Pony 3 years old named Capper. It is sure a dandy and helps me many times to earn money carrying water and running errands for papa. I have some white rabbits and I have sold six pairs of the little ones at 25 cents apiece. I raised chickens and sold them and papa gave me six little pigs to care for and feed and water, so I made a shelter for them and took good care of them and they are now so large they will soon be ready to sell. I raised carrots and parsnips for my rabbits but feed my pigs on papa's corn. I raised some popcorn and intend to sell it at Christmas. I like to hear from other farm boys.

Clyde Husted, age 8 years.

R. 3, Lawrence, Kan.

A Garden in Town.

There are two vacant lots back of our house and the man that owned them said my brother and I could have the use of them this summer if we would keep down the weeds. We asked papa to plow them for us and to lend us the money to buy seed to put the lots into garden. We planted string beans, sweet corn, tomatoes and winter peas and had a good stand of everything. The string beans brought us \$13.14 besides all we wished for table use. The sweet corn brought us \$4.19 and the tomatoes \$4 after mamma canned 20 quarts and made 4 quarts of chili sauce. We have about five bushels left in the garden and enough winter peas for our own use during the winter. After we paid papa I had \$10 and my brother had \$8 for ourselves. Our work did not prevent our having a good time. I went on a fishing trip and also spent two-days in the country and went several times to the country in the car with papa, so I am well pleased with my summer. Robert Knightly.

Hutchinson, Kan.

Partners With Mamma.

Mamma and my 10-year-old brother and I had a truck garden this summer. We have no horse so had to hire the ground plowed in the spring and then tended it with hoes. The way the weeds grew this summer made it no easy task, but we feel well paid for our work as we had all the good fresh vegetables we could use and have taken in \$95.56. My brother and I carried the vegetables in baskets to private customers. We didn't have much time to play but we enjoyed the work. I shall be 13 years old in October.

Raymond T. Snider.

R. 1, Bartlesville, Okla.

A Calf and a Camera.

Mamma gave me a Jersey calf for doing the milking and feeding the calves this summer and I earned nearly \$9 besides. I drove the horses for uncle when he put the hay in his barn and earned \$1.50. I sold tomatoes for \$4, shocked wheat for \$1.15, did the milking for my cousin for 50 cents, herded cows for 25 cents and earned 25 cents a month for helping mamma with her chickens and cleaning the henhouse. I still have some tomatoes to sell and I am going to get me a camera and I have put \$3 in the bank.

Georgie Edwards, age 11 years.

R 2, Goddard, Kan.

The Capper Publications

Topeka Daily Capital 33,000 subscribers. "The Kansas Daily," from the State Capital; gives national and state news of importance fully. An editorial page worth while. By mail \$4.00 a year.

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A sample copy of any of these papers will be gladly sent free if you ask for it.

Arthur Capper, Publisher, Topeka, Kan.

Manure Increased Wheat Yield

Manure as a top dressing in preparing land for wheat increases the yield materially. This has been shown by experiments made on the state farm at Manhattan. These experiments cover a period of five years.

Two fields on the agronomy farm are used continuously for growing wheat. These fields have the same kind of soil, are always plowed and cultivated in the same way, and are seeded at the same rate and time. One field receives 2½ tons of barnyard manure every year as a top dressing while the other receives no manure.

The first yield was obtained from these fields in 1911, when the manured field gave 29.39 bushels an acre, and the unmanured a yield of 25.84 bushels an acre, showing an increase of 3.55 bushels an acre through the use of manure.

This difference was not so great as during later years because the greatest increase in yield of wheat from manure does not come the first season after the application.

The yield was low in 1912 because of poor wheat conditions. The yield from the manured field was only 6.68 bushels an acre, while the unmanured tract yielded 5.68 bushels. A noticeable factor in these figures is that as the yield decreased the effect of the manure also decreased. This indicates that during a poor season for wheat the effect of manure will be less than in a favorable season.

The increase resulting from the use of manure became more pronounced in 1913, 1914 and 1915, ranging from six to nearly 11 bushels. This marked difference no doubt is due to a number of causes. The field which had received no manure is becoming less productive while the one receiving manure apparently is becoming more productive and the cumulative effect of the manure is more noticeable.

"The average result for five years proves that the use of manure as a top dressing on wheat is a most profitable practice," says R. I. Throckmorton, expert in soils. "The average yield for the unmanured field was 17.20 bushels, while the manured field yielded 23.47 bushels an acre, or an average increase for five years of 6.27 bushels an acre due to the annual application of 2½ tons of manure applied during the winter as a top dressing."

"Do Unto Others—"

Our Grange was organized January 2, 1908. It has a membership of 83 in good standing. We meet the first and third Fridays every month. We have a farmers' store in our little village and do all our buying through it.

In the last three months two brother Grangers, Leon Mechnig and Irwin Ultes have been seriously injured. Brother Mechnig having heavy doctor and hospital bills to meet, we decided to ask the aid of our brother and sister Grangers in this state. Two hundred and thirty-two letters were sent out asking each Granger to donate one cent and they responded royally. Some Granges sent in more than the cent a member and \$139.89 has been left to Brother Mechnig's credit at the bank up to date. Brother Ultes has a large farm and needed help with his home work after he was injured so the Grange and neighbors have been looking after his farm and will continue to do so until the fall work is done.

As a Grange we wish to thank everyone who helped with his mite for Brother Mechnig, and to wish success to all. Mrs. Orrin Clark, Sec'y. Westphalia, Kan.

Ground Vs. Whole Grain

BY CHARLES I. BRAY.

It is somewhat doubtful whether the grinding of corn for some classes of livestock is worth the labor and expense involved. Tests conducted for 10 years at the Wisconsin Experiment station showed an average increase in gains of about 8 per cent from grinding corn for hogs. The results for individual years ranged from 11 per cent loss to 18 per cent gain. The Iowa station has also done considerable work in testing various methods of preparing corn for hogs, and found that while grinding showed a slight increase in the feeding value of corn for older hogs, such gains did not begin to pay the cost of shelling and grinding. Soaked shelled corn showed

to much better advantage than the corn meal, and also proved somewhat better than the dry ear corn.

It was a question whether the difference in feeding value paid for the labor of shelling and soaking.

It is advisable to grind small, hard grains as kafir, milo, barley, rye or sorghum seed, as otherwise a large proportion of the feed may not be digested.

Ground oats for horses have not shown any great advantage over whole oats, except in the case of horses that are at very hard work or have defective teeth.

Grinding oats for hogs will increase their feeding value from 20 per cent to 30 per cent, because the hog is not able to digest the whole grain to advantage.

As much as 25 per cent of whole corn may remain undigested when fed to cattle. Unless hogs follow the cattle in the feed lot, it is therefore desirable to grind the corn to prevent this waste. Sheep will handle whole grain to much better advantage.

Record for K. S. A. C. Cattle

The best showing ever made by any institution at the American Royal Live Stock show at Kansas City was made, this year, by the Kansas State Agricul-

Earn This Prize

We believe that the readers of the Farmers Mail and Breeze will be interested in the personal experiences of Kansas farmers in grading flat earth roads with a plow and a King drag. We shall give prizes for the best three letters received before November 15. Write your letter now, and tell us which of the following books you wish for your prize. These books range in price from \$2 to \$1.25. "The Potato," by Grubb and Guilford; "Practical Talks on Farm Engineering," by Clarkson; "Power and the Plow," by Ellis Rumely; "Making the Farm Pay," by C. C. Bowsfield; "A B C and X Y Z of Bee Culture," by Root.

tural college. The college won three firsts out of a possible five on herds all bred and fitted at the institution. Two championships were also awarded on cattle bred here. Honors were won by the college on Shorthorn, Hereford, Aberdeen Angus, and Galloway cattle.

Word has also just been received that the 3-year-old Clydesdale stallion, Baron Montague, bred at the college, won fourth place in open competition at the Panama-Pacific International exposition.

Mulching Strawberries

BY E. F. McCUNE.

The object of mulching strawberries in the fall is to prevent winter-killing. Winter-killing is usually caused by the plants dying out too much during the winter months, or by alternate freezing and thawing.

The best mulch material to use is clean straw; this is placed on the plants 4 to 6 inches deep after the ground has been frozen.

In the spring after the ground is thawed, the straw is worked around the plants. This serves several purposes, such as keeping the patch free from weeds, conserving the moisture, and forming a clean mat for the berries to ripen on.

After the fruit has ripened, the straw should be removed.

Gladstone gave two hours a day to the care of his body, and buried all his contemporaries.



Look at the bushing "B" in the picture. The pin is keyed into the steering knuckle in which this bushing is pressed. There's no turning of the pin in bushing "B." Then why have a bushing at all? To make a tight fit so there'll be no pound from the constant vibration. Not one little point like this is overlooked in Timken-Detroit design.

Note the bushings in the cross-rod yoke (C and D). Due to spread of yoke the pressure is kept low and when wear comes here it must come on hardened pin and bushings that are replaceable at low cost. They, too, are accurate and interchangeable.

Axles That Never Wear Out

MOVING parts of axles, like moving parts of anything, will wear in time. There is no exception to this rule, but—

In the Timken-Detroit Front Axle the moving parts—every one of them—are either Timken Roller Bearings or hardened and ground steel bushings or pins.

These bearings, bushings and pins wear very slowly. Timken Bearings are adjustable to take up the slight wear and Timken-Detroit Bushings and Pins are easily replaceable when worn sufficiently.

So the axle may truly be said to never wear out.

Take the front axle spindle. No wear comes on it because nothing moves on it. Slight wear does come on the cones, cups and rollers of the two bearings. These are Timken Tapered Roller Bearings that offer greatest resistance to wear and are adjustable to offset the effects of wear when it comes.

The same thing is true of the steering knuckle pin. At the top, to sustain the great weight, is a Timken Bearing. Below, where pressure is less but where there is some motion, there's a hardened steel bushing. It is made of good steel, is heat-

treated, hardened and ground to size so it wears very slowly.

And when it does wear it can be replaced easily, quickly and cheaply. Because Timken Bushings are accurate to the thousandth part of an inch, they are interchangeable. A new one will fit without any tinkering.

Of course Timken-Detroit Axles are strong enough, and to spare, for the loads they are designed to carry. And for the emergencies of motor-truck and pleasure car service. They are standing up under thousands of commercial and pleasure cars made by the leading builders.

When every other part of those cars is worn out, new pins, new bushings, perhaps a new bearing here and there will fit them for another lifetime of service under another car.

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32x3	6.40	6.90	2.30	34x4 1/2	15.45	16.75	4.15
30x3 1/2	7.45	7.95	2.35	35x4 1/2	15.85	16.95	4.25
31x3 1/2	7.85	8.30	2.40	36x4 1/2	16.25	17.35	4.35
32x3 1/2	7.95	8.50	2.45	37x4 1/2	16.70	17.75	4.45
34x3 1/2	8.50	8.95	2.55	35x5	17.05	18.25	5.00
32x4	11.10	11.95	3.15	36x5	17.40	18.90	5.15
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Dept. C. O. 10. Topeka, Kansas.



Comfort Means More Eggs

Suggestions For Housing and Good Winter Feeding

BY MRS. F. SWANSON

THERE are three very important things in making a poultry house comfortable. It must be warm enough in the coldest weather so the temperature inside it will not get too far below freezing, there should be plenty of sunlight and ventilation, and a scratch shed should be provided to keep the birds busy in stormy weather.

Our chicken houses are built of 2 by 4 studding with rough lumber on both sides and sawdust packed between. If sawdust is hard to get, both sides of the studding can be lined with tar paper. This will keep out the wind and make the building quite warm. The windows on the south are quite low so that the sun will shine on the floors.

Be sure of good ventilation but see that there are no cracks or drafts in the sleeping quarters. We put in a ceiling of foot boards and filled the loft with straw. This is very convenient to supply straw for the scratching shed and after a part of it is gone the floor makes a big, dry scratching place itself.

We built a large shed of single boards adjoining the house for a scratch shed. There are several doors and two windows on the south, two small slides. On very cold days the doors are closed, and slides opened and we do not let the flock out at all. In the shed we keep clean straw about 8 inches deep.

If you do not put a floor in the chicken house, haul enough dry dirt to fill in about 8 inches above the ground level. This keeps the floor high and dry, and every time it is cleaned, take a layer of dirt too. We have swinging roosts, and made a frame wide enough for four roosts, to reach within 4 or 6 inches of each end of the building. We bored holes in the ends of roosts and frame, and slipped a 20-penny nail in each end, so when we wanted to clean them, they could be lifted off and carried out. We then hung the roosts from each corner by a strong wire fastened to hooks in the ceiling. This made it impossible for vermin to get from the roosts into the walls. Keep the walls, nests and roosts whitewashed. Should mites get on the roosts, clean with coal oil. Keep the nests and troughs in the scratch shed.

At night when we shut the birds up, we put 2 quarts of wheat in the straw and a pail of clean water in one corner. We had stakes driven in to prevent them tipping over. This keeps the hens busy and warm until 9 o'clock the next morning, and we feed them a warm mash, composed of an iron kettle of potatoes boiled, with 2 quarts of ground cracklings, (scraps from which lard was pressed.) As much bran and shorts is added as we can force in, so as to make it quite dry and crumbly.

At noon we feed cabbage, and at 4 o'clock about 4 quarts of wheat in their straw. This keeps them hustling until roosting time. We always keep oyster shells and mortar, made from lime, sand, and water, where they can get all they want. This feeds about 300 hens, and we get eggs all winter while prices are high.

If one cannot get meat or bone to feed, I find that sweet skim milk is just as good. Sour milk is good also, but it is a little laxative. In that case, a little raw flour, and black pepper are good.

When the straw becomes damp or dirty clean it out, throw some slaked lime on the floor, put in clean straw, and a little grain. Then hear the hens sing.

with a board door in the center. The willow poles which we used for corner posts started to grow, and now they are nice, big trees.

On the south we had a window covered with muslin. The roof was made of poles—one large ridge pole in the center, and smaller ones on each side. These were covered with brush, and the brush covered with old hay.

The winter was a hard one. The gulch and chicken house were completely covered with snow part of the time. But the chickens were perfectly happy, and as warm as toast all winter. We had a wire pen, which extended east from the chicken house door, and on warm days we turned the chickens into it to scratch. Inside the coop we had a trough for water, and as we had no hogs, all the warm dishwater, potato peelings, and table scraps went to the hens. The next spring and summer we sold \$60 worth of eggs, besides what we used, and we raised a lot of little chicks.

Since those days, we have had several houses, every one costing more and seemingly doing less good. One of them was a sod house built with board sides and pole and hay roof. The last one we put up is a modern wooden house, built in a grove of cottonwood trees. The house is set on a cement foundation. The windows have both screen and glass. The roof, along the south side, has windows in it. Inside are covered nest boxes and removable roosts. It is all very convenient and comfortable but I believe we got more good out of the economical little dugout, than from any of them since.

Mrs. Winfield Hayne.

Things Learned in Two Years

My wife and I went into the poultry business just two years ago, neither of us knowing much about it. Our idea was merely to raise a few good hens for layers. The first season we had very little success, although we invested more than \$50 in coops, fences, and the like. The experience we got out of it, however, was invaluable. We had the usual trouble with roup, lice, mites, rats, skunks, and overcrowding. I believe we have lost more chicks from overcrowding than from any other cause.

I have learned that the secrets of success are to have a good strain of hens, plenty of room, a place to sleep where it never freezes, a warm place to scratch in the dirt in the day time, plenty of lukewarm water to drink, and a mixed feed of wheat, corn, oats, bran, meat scraps, oyster shell, charcoal, salt and some green stuff. Then one will get eggs in zero weather. It is also very important to keep the houses clean.

The hens should have a pinch of potassium permanganate dissolved in the drinking water once every week, to keep the fowls in good condition, and with proper care, no other remedy will be required. As cabbage sold here this fall at 1 cent a pound, we bought 200 pounds of the best quality for the hens. A half head of cabbage twice a week will be enough for 2 dozen hens, and is a cheap egg producer at that price.

The person who likes the business, is not afraid to work, and will take regular care of the hens, weekdays, Sundays, Independence day, and all, need not be afraid to invest money in the chicken business in town or elsewhere. We are breeding the Buff Orpingtons.

Harry Vaughan.

Hen House of the Early Days

The first chicken house I can remember was an old log building in the timber where there was plenty of shelter. But circumstances made it necessary for us to leave that place, and in the middle of September we started for our prairie home. In the fall, we had 3 dozen purebred Buff Cochins chickens.

Our home was a bare piece of prairie land without any buildings, and only one short row of trees. Winter was coming on, and we had no money, so our chicken house was a dugout about 10 feet square, with the center about 5 1/2 feet high. It was dug into an east hillside, and faced east. The floor and sides were just earth. The east side was made of poles, boards and old hay,

Farming for the Schools

An excellent text on elementary agriculture has just been issued by the Macmillan company of New York. This is "Soils and Plant Life," by Cunningham and Lancelot. The senior author, J. C. Cunningham, is a Kansas man; he is now professor of horticulture in the two-year course in agriculture in the Iowa Agricultural college at Ames.

The book consists of 337 pages, and is well illustrated. The purpose has been to tell of soils and plant life in a simple way, which grade pupils can understand. The theory has been that the pupils should "be led by simple steps from the known to the unknown."

Loose Pliable Hide Is Good

Fourth Article in Series on Judging Dairy Cattle

BY GILBERT GUSLER
Ohio State University



The Hide Should Be Rather Thin, Loose, Mellow and Pliable, and Should Roll in the Hand Like Soft, Oily Leather.

QUANTITY as applied to animals means refinement, small fibers, whether in bone, muscle, or skin tissue. But only the quality of the skeleton and of skin and hair can be examined. Small fine bones in the shanks; clean, sharp, refined head features and a smoothness of the shoulders, rump, and tailhead indicate quality in the skeleton. Such is only of value as affecting the beauty and attractiveness of the animal. Quality is also shown by a rather thin, loose, mellow, and pliable hide which rolls in the hand like soft oily leather, and by a rather fine silky coat of hair of healthful appearance. Coarseness of hair and hide may be due to general coarseness or it may be occasioned by a lack of thrift. That is, quality as manifested through the skin and hair is subject to change so that an animal may be refined in bone and head and have a harsh, thick, tight skin, or a thin papery one with a coarse, harsh, wiry coat of hair because the animal is temporarily out of condition. No part of the body reflects so quickly and accurately the thrift of the animals as the skin and hair. Concealed as a machine, it is important that the dairy cow be in good running order.

As a dairy cow's chief merit lies in the amount of butterfat she produces, abundance of skin secretions which make the skin oily and unctuous can be considered as of some importance since it is most likely to be correlated with ability to secrete in the udder. If these secretions are deep yellow in color as noted under patches of white hair in the ears, at base of horns, at the root of tail, and on the udder between the thighs, highly colored fats are likely to occur in the milk which the animal secretes.

Throughout the head, attributes in-

dicative of constitution and capacity are to be combined with evidence of quality, femininity, proper temperament and disposition. It should be medium sized, with features distinct and fine though not delicate, but distinctly feminine in expression.

The muzzle should be broad; the lips, strong and muscular; the nostrils large and open; and under jaw, wide at the base and have deep, sinewy cheeks. These are parts concerned with respiration and digestion. Small nostrils and a pinched muzzle are not likely to be attached to large air passages or capacious lungs. Neither do a weak jaw and lips indicate a roomy digestive tract. In fact, a weakness of appearance in these parts is apt to be associated with delicacy of appetite and low vitality.

The face should be of medium length, lean, clean cut, especially under the eyes. If the veins in it are visible, so much the better. The degree of dish of the face varies with the breed.

Large, full, gentle, placid eyes indicate the proper temperament and disposition. Bright eyes are the result of health.

The forehead should be broad between the eyes, and high to provide room for brain development.

Medium sized fine ears, carried in an alert manner, covered with plenty of soft fine hair, and showing an abundance of yellow oily secretions within are wanted.

The horns should be small or medium sized, tapering to the tips, gracefully curved, and of fine texture, not coarse and shelly.

The characteristic neck of the dairy cow is rather long, slim, and flat; has a slightly curved top line, a clean throat, and slight dewlap.



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An American Colony in the Heart of Brazil



ONE OF THE STREETS.

(Copyright, 1915; Frank G. Carpenter.)

Villa Americana, State of Sao Paulo, Brazil.—I want to tell you the story of an American colony of farmers in the heart of Brazil. It is one of the strangest colonies ever founded by citizens of the United States and its story begins with our Civil war. I refer to the Villa Americana, a town of 500 or 600 inhabitants, which is situated here, as far south of the equator as the Rocky mountains are distant from the Atlantic, and which is a hundred miles or so back from the sea. The Villa Americana was founded by Americans and it was named after the Americans who came to this country, shortly after the assassination of President Lincoln, to make their homes here. They were men from the South, who had become disgusted with carpet-bag government and who left home to build up a new country in a new land. Some of the original emigrants are still living here and not a few of their descendants have fine farms on this high rolling plateau. During my stay in the country about I have met a number of them and this story is made up from my talks with the original settlers and their descendants.

WHY THEY LEFT HOME.

We all remember how poor the South was at the close of the war and how proud. Its people had spent their all for the cause of secession and when they were overrun by the officials from the North and their state governments given into the hands of the negroes, some of the more spirited of them decided to go abroad and seek homes in other countries.

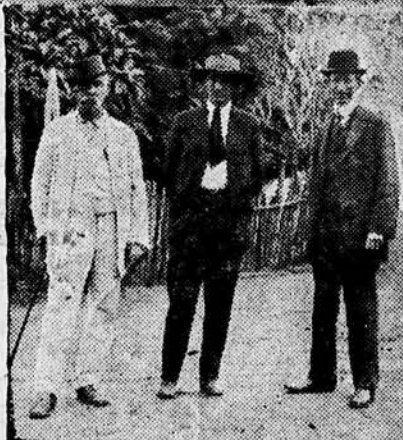
GOT A BAD START.

At Rio de Janeiro the leaders arranged for a grant of land from the government. This was situated not far from the port of Santos, and the Americans went there expecting to establish plantations of sugar cane and cotton. They remained only a year or so. The climate was unhealthy and the land much less fertile than they had supposed. They then decided to leave the malarious fever lands of the coast and go to the high healthy lands of the Sao Paulo plateau. They gave up their plantations, climbed the mountains and came inland to the town of Santa Barbara, now a thriving little city of 5,000. Santa Barbara is situated about six miles from Villa Americana, where I am now writing. Here the men looked over the country and bought lands, paying about \$5 an acre or less. They did not settle as a colony, but scattered about over the country, each man making his own purchase and paying for his own tract according to his means. There was no community interest except that of being fellow Americans.

That was almost fifty years ago, and since then a great number of the settlers have made their homes here. Some have become disgusted long since and gone back to the states. Others returned home, only to come back to Brazil, finding that they preferred the conditions here to those of the new regime in our country. A number have stayed and become Brazilians. Among the older Americans now living here with their families are the following: William Pyles from Georgia, William Keese from Mississippi, Alonzo Keese from Mississippi, William Prestidge from Alabama, Wilbur McKnight from Texas, Ezekiel Pyles from Georgia, John Rowe from Mississippi, Mr. McAlpin from Alabama, Charles C. Finley from Mississippi, John Carlton from Mississippi, Charles M. Hall from Virginia, and others.

NAMED THE TOWN AMERICANA.

Mr. Hall now lives in Americana, although he has a number of large farms



FARMER PYLES (IN WHITE).

in the country nearby. He has sugar plantations and cattle ranches, and is, I judge, a man of considerable wealth. None of the colony had very much money, but lands were cheap and those who held on have found that their investments have quadrupled and quintupled in value, although I doubt whether the land has, on the whole, increased more than similar lands in those parts of the United States from where they came.

The soil is rich and it will raise corn, cotton, sugar cane and rice. Some of the cotton lands now under cultivation are producing a bale and a half to the acre, and sugar cane grows luxuriantly. There is a great deal of rice raised, and there are four rice mills near Villa Americana.

MUST START WITH MONEY.

This is no place for Americans without money. The farm hands get wages of about 75 cents a day, with free house rent. The tenant house is a shack about fifteen feet square and from eight to ten feet in height. The whole family sleeps on the floor. The stove is usually of brick with a sheet of iron on top. The common food of the people is rice, beans, dried beef and bacon. The farm hands work from daylight to dark. They have a half hour off for breakfast and forty minutes for dinner. The working day is fourteen hours in the summer and ten or eleven in the winter. The climate is such that the work goes on all the year round. The grass is always green and several crops can be raised on the same ground in one year. The ordinary workingman needs but little clothing, his usual attire consisting of a shirt, hat and pair of trousers. The hat is of straw and it costs about 6 cents, the shirt and trousers can be bought for \$2, so that for \$2.06 a man can get a full outfit.

HOW THESE FARMERS FARM.

I cannot do better than describe my visit to the farm of one of the oldest of the American settlers. I refer to that of Ezekiel Pyles of Georgia. He came here at the age of 25, and he has under cultivation and in pasture something like a thousand acres of land. He has 400 acres which are now in crops of one kind or other, and his fields are as clean as any garden in Georgia. His home is far more comfortable than the average farmhouse of Georgia, and its luxury approximates that of some of the richest homes of the South. Mr. Pyles has thirty men working on his farm. They all have homes there and most of them, have families.

This estate is about ten miles from Villa Americana, and I went there in an automobile. In going over the farm we used the automobile, riding through wide roads from field to field. Everything was growing luxuriantly. I saw

fields of sugar cane, cotton and rice, and also of cowpeas and velvet beans. Mr. Pyles tells me that the prices of cowpeas are \$2 or \$3 a bushel and that he is raising them to supply the farmers of the neighborhood who are becoming interested in advanced agriculture and want to bring up their lands by the use of such crops. He says there is a market for all the corn and rice that can be raised, and that the sugar cane when turned into sugar and rum brings a good price.

Mr. Pyles says the land about Villa Americana is not fitted for coffee growing on account of the frosts, although the state of Sao Paulo has the largest coffee plantations of the world and supplies the greater part of the world's crop. He says the pasture is excellent for cattle and mules and that Mr. Hall is raising mules to supply the local demand. Big mules sell well. A good team will bring over \$300 and mules as large as ours bring as much as \$400 or \$500 a team. The chief working animals are oxen, which are yoked up by the necks instead of the horns. Sometimes as many as a dozen yokes will be harnessed to one wagon, and in moving heavy machinery thirty-two oxen are sometimes used to drag the trucks over the road. The ordinary ox-cart has a wheel of solid wood. The driver has a long goad, at the end of which is a ring and a sharp point. The latter is driven into the oxen to prod them along.

Much of the farms is given up to pasture. I saw herds of long-horned cattle not unlike our old Texas stock. Now and then among them were bulls with humps on their backs like the cattle of India.

Nearing Villa Americana the land is more and more rolling. It looks not unlike parts of Virginia. There are many fields of corn fenced with wire. The country is divided up into fields. There are no barns or outbuildings. The animals feed out of doors the year round. Now and then one sees a chapel by the roadside with a cross on the top of it and a shrine inside. These are scattered over this part of Sao Paulo. Each stands upon the site where a man has died or to mark the grave of a heathen. Only Christians are buried in the regular cemeteries. I am told that unbaptized babies have to be buried outside for this reason. I doubt that.

FRANK G. CARPENTER.

Canned in Kansas

The tailors got together in Memphis, Tenn., and started out with a brand of clothes "Made in Memphis." This began a campaign of which that expression is the slogan. What a wave of prosperity would come if we could boost some canned in Kansas products! Productive co-operation is what we need, and need vitally. Why, we don't even can our Kansas corn, yet it is the best on earth.

Roquefaire, France, sold its little pickles to the Marseilles merchants for years, and they were mixed with inferior varieties, cured and put upon the market. When the foreign crop was large the Roquefaire farmers received very little for their crop. They began sorting and pickling for themselves and very soon had \$40,000 a year coming in for that crop and an established reputation in the world's markets. Apricots was another of their crops. Getting no return from it they began making their own preserves and now get 40 per cent more for their industry. Some day Kansas will wake up and every housewife will use a Kansas broom, made in Kansas from Kansas broomcorn.—Alfred Docking in Grange Co-operator for September.

Best and Goes Farthest

I like the Farmers Mail and Breeze, and would be almost lost without it. To my mind it is the best farmers' paper published in the United States that I have ever seen and read, and I have read a good many of the leading farm papers. T. A. McNeal's "Comments" are educators; they sparkle with both wit and wisdom.

James D. Shepherd.

R. 8, Clay Center, Kan.

Monsieur wanted the picture hung to the right; madame wanted it on the left. But monsieur insisted that the servant should hang the picture according to his orders. Consequently Joseph stuck a nail in the wall on the right, but this done, he also went and stuck another in on the left.

"What is that second nail for?" his master inquired in astonishment. "It's to save me the trouble of fetching the ladder tomorrow when monsieur will have come round to the views of madame."—Argonaut.

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Kill the Volunteer Wheat

This, Said Henry Waters at the Wichita Show, Should Be Every Farmer's Slogan. A Big Attendance

FARMERS who attended the International Wheat Show at Wichita, October 4-14 had a chance to get many helpful pointers. Dean W. M. Jardine of the Kansas State Agricultural college, said in one of his talks that although land had increased about 160 per cent in value in the last 20 years, labor is less efficient today than it was then, and the land is poorer.

Kansas plants yearly about 8 million acres of wheat. Dean Jardine believes that 2 pecks to the acre in the first part of September would yield as well as 6 pecks sowed the latter part of October. He declared that 83 counties are affected with Hessian fly; that the climate is favorable to the breeding of the fly, and that he is fearful lest Kansas does not produce a big wheat crop next season. He said that the only sure method of control is to plow the wheat stubble right after harvest. He does not believe in burning the stubble or turning cattle on the stubble to try to eliminate the pest. Henry J. Waters, president of the International Wheat show said that the slogan of the farmers ought to be "Kill the volunteer wheat."

The Cycle of Wheat.

The Cycle of Wheat exhibit at the exposition, by the Kansas State Agricultural college, was highly educational. It showed the development of new strain or variety, going through the process of milling and baking of the finished products. This was demonstrated by pictures for the field development of the wheat and by a miniature mill, of the milling; and by an electric bake oven. Bundles of wheat showed the effect of deep and shallow planting and time of plowing, on the total yield of wheat per acre. Demonstrations at Manhattan have proved that from September 30 to October 4, or just after the fly-free date, is the best time to sow wheat. The Cycle of Wheat exhibit also showed that early deep plowing, say about 7 inches, about the middle of July, pays best.

Wichita flour mills united, forming one grand exhibit, which was effectively brought out by a large panoramic oil painting, showing fields of wheat, mills and sacks of flour. The display of modern farm household appliances was especially attractive to farmers' wives.

About 25,000 people witnessed the start of the entrants in the National balloon race, October 7. William F. Assman, pilot of "St. Louis I," won the race, traveling 363 miles and landing at 1:45 p. m. October 8, about 12 miles from Prescott, Ark. Mr. Assman attained a height of 13,000 feet. He was in the air nearly 20 hours.

The livestock show participated in by about 200 crowned kings and queens of the animal world, was the finest ever assembled in Wichita. Conservatively estimated, the stock on exhibit was worth about \$30,000. There were 20 Shetland ponies from the Rose Hill Shetland Pony Farm, Lecompton, Kan.; 25 horses; 33 head of cattle; 11 sheep and 110 hogs.

The automobile show was a popular feature of the exposition. There were fully 60 cars, with an approximate value of \$75,000 shown. About 20 automobile dealers were represented. Farmers were interested in the gas tractor show and were told that these tractors are more economical than draft horses.

Robison's Many Winners.

A great attraction in the livestock show was the black stallion, "Casino," owned by J. C. Robison of Towanda, Kan. "Casino" is 18 years old, weighs 2,100 pounds. He was winner of first prize at World's Fair, 1904; prizewinner at National Show of France, 1901 and winner of 115 first and sweepstakes prizes of America. Robison won 12 blue and 12 red ribbons.

It is a lamentable fact that so little wheat and broomcorn entered from Kansas. As a result farmers from outside states carried off some of the big prizes and sweepstakes. H. E. Kruger, Beaver Dam, Wis., took first in class and first and third sweepstakes on hard red spring wheat. His first prize was \$25. His first sweepstakes was \$100 in gold and a gold watch, value \$100. His third sweepstakes was \$25 in gold and a silver watch valued at \$25. His wheat tested 63 pounds.

C. C. Miller, Elk City, Okla., for the third consecutive time won the silver trophy cup, valued at \$75, given by "Brooms, Brushes and Handles," Milwaukee, Wis., as sweepstakes for the best individual display of standard broomcorn. This trophy was to be won thrice in succession and retained permanently. Other awards:

Best bushel hard red winter wheat—First, \$25, E. J. Carson, Wichita; second, \$15, E. J. Carson, Wichita.

Best bushel soft red winter wheat—First, \$25, S. D. Carpenter, Red Rock, Okla.; second, \$15, L. K. Cherry, Derby, Kan.

Best bushel hard red spring wheat—First, \$25, H. E. Kruger, Beaver Dam, Wis.; second, \$15, G. A. Cook, of the Canadian exhibit from Winnipeg, Canada.

Best bushel durum wheat—First, \$25, G. A. Cook, Winnipeg; second, \$15, G. A. Cook, Winnipeg.

Best bushel white wheat—First, \$25, E. W. Reese, Ritzville, Wash.; second, \$15, P. R. Clark, Ritzville, Wash.

S. D. Carpenter, Red Rock, Okla., won second in sweepstakes on hard red spring wheat, receiving \$50 in gold and gold watch, valued at \$50.

Best bushel white oats—First, H. E. Kruger, Winnipeg, Canada; second, Carl Wellstand, Reliance, Wash.

Best bushel red oats—First, J. L. McBratney, Wichita; second, O. R. McBratney, Wichita.

Corn, 10 ear samples: Boone County White—First, Charles Sprankel, Wichita; second, J. Swihart, Lovell, Kan.

Silver Mine—First, O. E. Martinson, Wichita; second, J. Swihart, Lovell, Kan.

Johnson County White—First, J. Brox, Atchison; second, J. Swihart, Lovell, Kan.

Large White Dent—First, Homan & Son, Peabody, Kan.; second, R. Clodfelter, Sedgwick.

Reid's Yellow Dent—First, P. Lambert, Hiawatha; second, J. Swihart, Lovell, Kan.

Kansas Sunflower—First, Courtney Russell, Wichita; second, T. Williams, Valley Center.

Golden Beauty—First, Cora Miers, Wichita; second, H. K. Mounts, Wichita.

Bloody Butcher—First, R. Clodfelter, Sedgwick; second, G. Gilligan, Wichita.

Calico—First, O. D. Pray, Wichita; second, W. O. Wenz, Wichita.

Any other variety—First, R. Clodfelter, Sedgwick; second, Homan & Son, Peabody.

(Continued on Page 21.)

Here's Another Good Story

Remember what we promised you last spring? Another rattling good continued story just as soon as the space would permit it's printing. Well, here it is; that is to say it will begin next week or the week after. Don't want to announce the exact date. Want you to watch for it just as you used to watch for a letter from home.

Hamlin Garland never wrote a better story of adventure than "The Forester's Daughter," which we have bought for the readers of the Farmers Mail and Breeze. We know; we've read everything Hamlin Garland has written, and right here we pronounce "The Forester's Daughter" a wonderfully interesting tale. You won't want to stop after you start. You'll be looking for every installment, and occasionally when the "to be continued" comes about the time the girl is hanging over the edge of a precipice and the hero is—

But we don't intend to say any more about it except this: "The Forester's Daughter" is a story of life in the great western forests, a tale of adventure, dark plots and love that seeks and finds itself in the uniting of the hero and the heroine. Hamlin Garland is a writer whose fame precedes him. Around the forest characters he has woven a story that grips the reader at the very first chapter and holds him fascinated to the end.

Watch for "The Forester's Daughter." You'll be thinking all day about Berrie, the girl. She could shoot as straight and ride a bad horse as well as a man. And then came the tenderfoot.

THE VILLAGE CONSTABLE IS UP IN ARMS

WHAT'S THE MATTER? HAS HE COMMITTED A CRIME

WORSE THAN THAT, HE HOOKED MY LAST POUCH OF THE REAL TOBACCO CHEW



YOU feel better, get more solid tobacco comfort from a small chew of W-B CUT Chewing—the Real Tobacco Chew, cut long shred—than you ever did from a great big chew of the old kind.

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Bovee's Pipeless Central Heating System and Other Furnaces

At Manufacturer's Prices

Every home can now have a First Class High Grade Heating System in an Old House as well as new. Heats as much as three large stoves. Costs but little more than one.

We furnish either our Upright Furnace for burning hard coal, soft coal or wood; or our Horizontal Furnace with doors 16x16 inches for burning 4 ft. wood or soft coal. Either style furnace furnished in Any Size necessary to heat the house. Usual System With Piping to Each Room Furnished When Desired. Write for our Three Color catalogue free.

Bovee Furnace Works, Waterloo, Iowa

6 Beautiful Narcissus Silver Tablespoons FREE

To Match Our Teaspoons

Extra Special 20-Day Offer To Mail and Breeze Readers!

Here is a chance for every housewife who reads the Mail and Breeze to secure absolutely free a set of 6 of our famous Narcissus Silver Plated Table Spoons. During the past 5 years we have given away thousands of sets of these beautiful table spoons, but never before have we been in a position to make such an attractive offer as we are now making to the women folks who read the Mail and Breeze.

Owing to our large purchases we have secured a price on these spoons which we believe is about one-fourth the price any local dealer would ask for the same grade of goods.

We have searched through the silver plate markets of the world and have never been able to find, at anything near the same cost, goods of such remarkable wearing qualities and of such beautiful design as this justly famous Narcissus set.

Full Standard Length and Weight

These are not small sized dessert spoons which are usually offered as premiums. These spoons are all full standard table spoon size, 8 1/4 inches long—handle 5 1/4 inches long, bowl 3 inches long and 1 1/4 inches wide. They are silver plated and handsomely engraved and embossed in the beautiful Narcissus design, same as the Narcissus teaspoons which we have been giving away for more than two years. Bowl is highly polished and the handle finished in the popular French gray style. The Narcissus design extends the full length of the handle on both sides. The gray finish of the handle contrasts with the bright polished bowl and produces an effect that is decidedly pleasing.

We could send you hundreds of enthusiastic letters from those of our readers who have received these spoons on other offers we have made in the past. We know they will please you, too—and if they don't you can send them back within 5 days and we will cheerfully refund every penny of your money.

Here Is Our Offer:

For the next 20 days, or as long as our supply lasts, we will give one set of 6 Narcissus Table Spoons free and postpaid to all who fill out the coupon printed below and send \$2 to pay for a three-year new, renewal or extension subscription to Farmers Mail and Breeze.

We will send one set free and postpaid for three one-year subscriptions to the Mail and Breeze at our regular rate of \$1 per year. One of these subscriptions may be your own renewal, but the other two must be new subscriptions.

If you want to be sure of securing one of these beautiful sets before our offer is withdrawn clip out the coupon and send it in today. Address

FARMERS MAIL AND BREEZE, TOPEKA, KANSAS.

Use This Coupon Now!

Publisher Mail and Breeze, Topeka, Kansas.

I am enclosing herewith \$2 to pay in advance for a three-year subscription to Farmers Mail and Breeze. You are to send me as a free premium, postpaid, one set of 6 full size Narcissus Silver Plated Table Spoons.

This is a (new) (renewal) (extension) subscription.

Name.....

Address.....

(If you send 3 one-year subscriptions use a separate sheet of paper for the 3 names.)

Fall Work Is a Month Behind

More Than 1½ Million Tons of Silage Is Stored in Kansas

BY OUR COUNTY CORRESPONDENTS

THE farmer's work is like the woman's this fall—it is never done. What with rains at inopportune moments, and other untimely delays, it has taken mighty good managers to keep up with the season. Quite a little wheat still is to be seeded, though the first planting is almost ready for pasture. Threshing is holding its share of interest, and there still is a lot of silo filling to do. Probably there are 1½ million tons of silage already packed away for winter. Some farmers, with more grain than hired men, are beginning to wonder who they will get to gather their corn.

KANSAS.

Brown County—First killing frost October 8. Not much corn cut. All the wheat not sown yet. Ground plowing hard. Corn almost out of danger when the frost came. —A. C. Dannenberg, Oct. 15.

Cherokee County—Farmers began sowing wheat this week. Ground in good condition. Two light frosts last week. Wheat acreage will be less than last year. Some public sales and stock selling high. —A. E. Moreland, Oct. 16.

Lane County—Heavy rain October 14 which stopped threshing for several days. Some wheat sown and up. Lots of grain such as kafir and milo to be headed yet. Cream 22c; eggs 24c; wheat \$1. —F. W. Ferrigo, Oct. 15.

Washington County—Weather good and farmers busy haying, plowing and sowing wheat. A large amount of wheat yet to be sown. Some farmers are merely disking the ground and sowing wheat. —Mrs. H. A. Birdsley, Oct. 14.

Finney County—Grain heading suspended for a few days by rainy weather. Wheat growers pleased because of rain. Not many cattle buyers although there are a large number of heavy steers in the county for sale. —Frank Coen, Oct. 15.

Sheridan County—Fine rain October 15. Wheat seeding about half finished and 40 per cent of the wheat still in the stack. Early freeze will make lots of soft corn. Wheat is getting close to the dollar mark. —R. E. Patterson, Oct. 16.

Russell County—Fine warm weather with plenty of rain. Wheat seeding about half finished. Some of the early sowing of wheat is up and it looks good. Threshing is a slow job and is not much more than half finished. —Mrs. Fred Claussen, Oct. 16.

Jewell County—Rainy weather the last few days. We have had several killing frosts. Feed about all cut and silos nearly all filled. Not much wheat being sowed. Several public sales. Cattle selling well but horses slow. Wheat 97c; eggs 21c. —L. S. Behymer, Oct. 16.

Harvey County—Weather windy and showery. Wheat sowing in progress. Kafir and milo being put in silos. Corn crop too valuable to put in silos. Threshing progresses slowly. Wheat \$1; old corn 60c; eggs 20c; old hens 10c; spring chickens 12c. —H. W. Prouty, Oct. 15.

Saline County—Rainy weather again. Not much wheat sown yet. Silo filling in progress. Last crop of alfalfa nearly all cut. Threshing about half finished. Early corn good. Some late kafir green yet. Wheat \$1; corn 55c; potatoes 75c; eggs 19c. —James Gribben, Oct. 12.

Grant County—A large amount of the crops were caught by the frost October 11 but broomcorn was out of the way. Cattle in good condition. Some horses selling at fair prices. Wheat about all threshed and making from 15 to 22½ bushels to the acre. Maize 90c. —J. M. Kinsman, Oct. 15.

Osborne County—Good weather for threshing and two weeks yet of good weather will finish it. Wheat sowing being rushed. We need a good rain as the top of the ground is getting dry. The frost damaged the kafir and late feed, but very little corn damaged. Wheat \$1.02. —W. F. Arnold, Oct. 14.

Scott County—All late feed crops killed by frost. Threshing about finished. Hogs not as plentiful as usual. Corn will be ready to husk November 1. Stockmen holding cattle for better prices. Farmers late sowing wheat. There is a demand for corn huskers at 5c a bushel and board. —J. M. Helfrick, Oct. 14.

Rawlins County—A very fine rain on October 14 and 15 which put the ground in fine condition for wheat. Much wheat to be sowed yet. A great deal of threshing to be done yet. Quite a number of farmers have threshed from 8,000 to 10,000 bushels of wheat and the quality is very good. —J. A. Skolout, Oct. 16.

Kearny County—Topping maize and feterita are the order of the day. First killing frost October 5. There was too much rain and crops weren't mature before the frost. Big rains recently. Some wheat making 30 bushels to the acre. Cattle being shipped. Good steers bringing 7c; butterfat 23c; eggs 20c. —A. M. Long, Oct. 15.

Cloud County—Good rains since September 16 have kept the ground in good condition for plowing and wheat sowing most of the time. A large amount of wheat to be sown yet. Threshing nearly all done and the yield is from 14 to 24 bushels an acre. Oats not worth threshing. Corn safe from frost. Apples plentiful and selling from 35c to 50c. —W. H. Plumly, Oct. 15.

Clark County—Continual rains have delayed wheat sowing. The wheat that is sowed is growing rapidly. Kafir and milo promise big yields. Heavy yields of all kinds of feed crops. More silos built this year than last. More cattle and hogs will be fattened this year than last. Hog cholera in some localities. Pastures in excellent condition. —H. C. Jacobs, Oct. 16.

Stevens County—Considerable wheat to be sown yet. Early sown wheat is up and will make fine pasture soon. About 20 per cent more wheat sown than last year. Crops maturing slowly. A light frost on October 4 but no damage done. Not much kafir or milo ready to cut yet. Cattle fat

and doing well. Ground wet and wheat will get a fine start. Hogs 7c. —Monroe Traver, Oct. 14.

Atchison County—Wheat sowing about two-thirds finished and it is raining now. Many farmers have given up planting wheat. Farmers having trouble filling their silos on account of the rain. Considerable late corn damaged by frost. Grain stacks in bad condition. Hog cholera has done much damage in some parts of the county. Pastures good. More than the usual number of cattle. —C. H. Feerer, Oct. 16.

Morris County—The freeze of October 8 put a stop to the growing season. Very little of the kafir crop was mature and considerable corn was still in the milk. The freeze was followed by two heavy rains in a week so the work of putting up the feed is progressing slowly. Wheat about all sown and mostly all up. Several farmers shipping in stock cattle to consume the feed. Pasture still good. Butterfat 25c. —J. R. Henry, Oct. 16.

Gray County—Seeding is well along and the ground is in fine condition. Wheat coming up well. A light frost in the Arkansas valley but none here yet on the prairie. Kafir and feterita crops are very fine but a large per cent is not yet mature. Corn never was better here and I have seldom seen better in eastern Kansas. Much threshing not done yet and a great deal

of damage in the stack. Wheat \$1 to \$1.05. —A. E. Alexander, Oct. 16.

Harper County—About three rains a week. Wheat seeding very backward and not much sown yet. Ground too wet to seed wheat. Not more than 80 per cent of the ground will be put back to wheat this fall. Threshing is about half finished but machines are not doing much now on account of rain. Stock in bad condition. No frost yet. Pastures fine. Corn and kafir promise good crops if they can be taken care of. —H. E. Henderson, Oct. 16.

Meade County—Two-inch rain on October 15. Not more than half the wheat is sown because there has been too much rain. Some wheat to thresh. Frost in the lowland did some damage. Feed on the high sandy land still green but matured in good condition. Silos being filled. Plenty of feed to fill the silos. Wheat coming up nicely and prospects are good for plenty of pasture this winter. More feed than there is stock to eat it. Wheat \$1; apples being shipped in at \$1. —W. A. Harvey, Oct. 16.

Hamilton County—First frost October 5 killed all tender vegetation. Scarcely 25 per cent of the various crops had matured and been cut and harvested, consequently we have a large amount of frost bitten feed for the winter. Corn crop the best ever raised in this county. The other grain crops are short. Only about 60 per cent as much hay this year as in 1914. A large number of cattle being bought and sold at high prices. Chicken and turkey crop good. Young fries 15c pound; eggs 25c; butterfat 22c. —W. H. Brown, Oct. 16.

OKLAHOMA.

Cleveland County—Wheat seeding almost finished. Early seeding looks very good. Farmers busy shucking corn. Some silo filling being done. Work goes slowly on

account of frequent rains. Roads very muddy and bad for hauling. Late feed crops promise a heavy yield. Frost has done no damage so far and the late crops probably all will mature. Stock of all kinds in fine condition. —H. J. Dietrich, Oct. 16.

Canadian County—Big rains on October 11 and 14. Corn husking has begun and the corn is making from 20 to 50 bushels. Fifth crop of alfalfa partly cut. Wheat sowing almost over. A large number of public sales. Eggs 20c. —H. J. Earl, Oct. 16.

Wagoner County—About 10 per cent of the wheat is sown. The acreage will not be more than half as large as last year. Thousands of tons of hay ruined by the present wet weather. Cotton opening slowly and the yield is poor. Plowing for wheat still in progress. Corn 40c; hogs \$6.25; cattle 5c. —A. F. Gregory, Oct. 16.

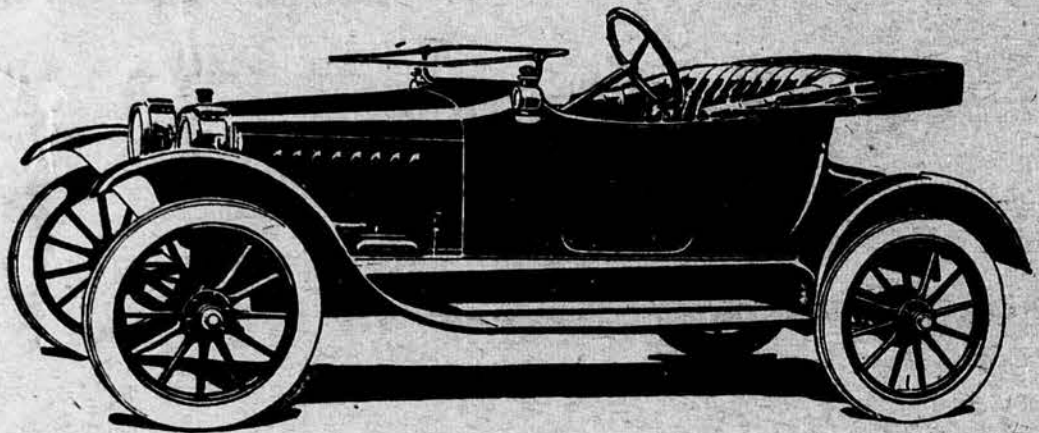
Blaine County—Plenty of moisture. Wheat that was sowed early is up and almost ready to pasture. Corn husking is beginning. Some farmers planning to sow wheat in corn lands. A good rain Monday night and another today. Ground too wet to farm. Maize and kafir ready to top and both good crops. Wheat 95c; corn 50c; hogs \$7; hay \$6 to \$10. —Henry Willert, Oct. 15.

McIntosh County—Two inches of rain last night put the ground in good condition for wheat seeding. Cotton is opening very slowly. Market for cotton is good but the crop is light. Three light frosts to date but not much damage done to vegetation. Stock looking well. Rough feed plentiful. —H. S. Waters, Oct. 16.

The three most important rooms in the house, says the Kansas State Board of Health—kitchen, bathroom, sleeping-porch.

SAXON ROADSTER \$395

Costs less to run than horse and buggy



The only car under \$400
with these modern features

3 Speed sliding gear transmission
—used on all high priced automobiles.

Modern high speed motor
—provides flexibility, quietness and power to go anywhere.

Honeycomb radiator
—assures perfect cooling; finest type of radiator made.

Timken axles
—we know of no other axles so good.

Graceful, roomy, streamline body
—distinctive, stylish, classy.

Dry plate clutch
—\$2000 cars use the same type.

Vanadium steel cantilever springs
—easiest riding type of spring suspension.

Saxon is the only car selling at less than \$400 that is absolutely modern in design. Yet it contains no experimental features. There is nothing freakish about it. Saxon is a proved car. It has been tried in

the hands of many thousands of users, in engineer's tests, in public contests. Everywhere it has made good.

Because Saxon is light in weight and so well built, it gets over the roads—not through them. It goes anywhere any car can go and lots of places where big cars sink down in mud and sand, or have to turn back. Saxon is the ideal car for country use.

And don't overlook the Saxon virtue of economy. Saxon costs least to run of any car yet produced. It takes you long distances without filling up again on gasoline and oil. You don't have to be paying out money all the time for fuel. Half a cent a mile is the Saxon average for car operation—one-fourth of a cent per passenger.

Saxon dealers are everywhere. See one nearest you and have a Saxon ride. Dealer's name on request. Also copy of "Saxon Days" with information about the New Series Saxon Cars. Address Dept. 23.

New Series Saxon "Six" \$785

When you buy the New Series Saxon "Six" touring car, you get a roomy, powerful, comfortable 6-cylinder car for the whole family—fully equipped in every detail—the finest touring car value, dollar for dollar, that has yet been produced.

"Four" Roadster
With detachable Coupe top
Delivery Car

\$395

455

395

"Six" Touring Car

\$785

With detachable Limousine top \$835

"Six" Roadster

785



Saxon Motor Company, Detroit

White Light From Carbide

BY GRAYSON B. McNAIR,
Kansas State Agricultural College.

There are numerous makes of acetylene generators, all of which perform, automatically, the operation of bringing together water and calcium carbide. When so brought together acetylene gas is given off which is then stored in a reservoir until used. The piping for this is the same as for city gas, and the fixtures cost about the same.

Generators can be had at various prices, but a prospective purchaser may be sure that he is not likely to get something for nothing, therefore a cheap generator probably is not worth any more than is asked for it. He should always make sure that it is of a kind which is approved by the National Board of Fire Underwriters, and that permission to install it is given in writing on his policy, or his insurance will be invalidated. That is, he must make application to the company, who will then grant permission in writing on his insurance policy.

First Cost of Acetylene Gas Lighting System.

Generator	\$175.00
Installing and connecting, including drain	30.00
Cost of piping house for 20 outlets	50.00
Cost of fixtures, including Holophane shades	50.00
Freight and incidentals	15.00

Total cost

Cost of Operation of Acetylene Gas Lighting System.

Interest on \$320 at 5 per cent	\$ 16.00
Depreciation on generator	7.00
Depreciation on piping and fixtures at 2 per cent	2.00
Taxes and insurance at 1 1/2 per cent	4.80
Carbide, 850 lbs. at \$4 per 100 lbs.	32.00

Total yearly cost

Each of the outlets will give about 25 candle power. The light is a clear white, and where proper globes are used it is not injurious to the eyes.

There are on the market what are known as pit generators, which, as the name indicates, are placed in pits in the earth outside the house. These eliminate to a great extent the danger of explosion, provided all the outlet cocks in the house are kept tight.

The Prodigal Father

A PARABLE.

A certain man had two sons; and the younger of them said to his father, "Father, give me the portion of thy time, and thy attention, and thy companionship, and thy counsel which falleth to me."

And he divided unto them his living in that he paid the boy's bills, and sent him to a select preparatory school, and to dancing school, and to college and tried to believe that he was doing his full duty by the boy.

And not many days after, the father gathered all his interests and aspirations and ambitions and took his journey into a far country, into a land of stocks and bonds and securities and other things which do not interest a boy; and there he wasted his precious opportunity of being a chum to his own son.

And when he had spent the very best of his life and had gained money but had failed to find satisfaction, there arose a mighty famine in his heart; and he began to be in want of sympathy and real companionship.

And he went and joined himself to one of the clubs of that country; and they elected him chairman of the house committee and president of the club and sent him to congress. And he would fain have satisfied himself with the husks that other men did eat, and no man gave unto him any real friendship.

But when he came to himself he said, "How many men of my acquaintance have boys whom they understand and who understand them, who talk about their boys and associate with their boys and seem perfectly happy in the comradeship of their sons, and I perish here with a heart hunger! I will arise and go to my son, and I will say unto him, 'Son, I have sinned against Heaven, and in thy sight; I am no more worthy to be called thy father. Make me as one of thy acquaintances!'"

And he arose and came to his son. But while he was yet afar off his son saw him and was moved with astonishment, and instead of running and falling on his neck he drew back and war ill at ease.

And the father said unto him, "Son, I have sinned against Heaven, and in thy

sight. I am no more worthy to be called thy father. Forgive me now and let me be your friend."

But the son said, "Not so. I wish it were possible, but it is too late. There was a time when I wanted to know things, when I wanted companionship and counsel, but you were too busy. I got the information, and I got the companionship; but I got the wrong kind and now, alas, I am wrecked in soul and body and there is nothing you can do for me. It is too late, too late, too late."

Blake W. Godfrey.

Kill the Volunteer Wheat

(Continued from Page 19.)

Flint—First, only entry, J. Swihart, Lovell, Kan.

Sweepstakes: For the largest 100 ears yellow corn—First, a \$15 suit of clothes to C. Sprankel, Wichita; second, air-o-lite lantern, to L. Oldfather, Colwich. For the largest 100 ears white corn—\$17 suit of clothes to C. Sprankel, Wichita. For largest 100 ears mixed corn—\$15 suit of clothes to Smith & Son, Derby, Kan. For best 10 ears of corn, any variety—4 1/2 horsepower gasoline engine, to P. Lambert, Hiawatha, Kan.

The exhibit of apples was the finest ever assembled in Wichita. The display of the Wichita Nursery contained many wonderful things. It had the Bourbon Cactus pears, the only ones at the ex-

position; everbearing strawberry plants, Japanese persimmons, Texas figs, pomgranates, Delicious, Kaiser Wilhelm and Winter banana apples. The Kaiser Wilhelm apples were originated by W. F.

Scarlet fever, whooping cough, chickenpox, and nearly a score of diseases sometimes prevalent, the law demands shall be registered and placarded wherever they occur. But a much commoner and more dreadful disease originating in the social evil is not even registered, though the whole world suffers from it. Now and then a doctor advocates the compulsory reporting of these diseases, but nothing has been done and nothing will be done, until some community or state takes this first step. It will be everlastingly to the credit of the state or community that is first to take this action. Why should Kansas wait?

Baird, Lincoln county, Kansas. Among the trees were Irish Junipers 8 feet tall, Carolina poplars, 8 1/2 feet tall, 1 year

old; and apple trees, one year from bud and 6 feet high.

October 12 was governor's day at the fair, and Governor Arthur Capper and party were guests of Wichita. United States Senator John W. Weeks of Massachusetts, who is making a western trip joined Governor Capper's party here.

The largest attendance was Saturday Oct. 9, when 17,854 persons paid admissions. The receipts up to and including that date paid all expenses of the exposition.

A Good Start

One afternoon, while a stranger was attending to some business in a corner grocery, an old man rambled in. The stranger became interested, and asked him his age:

"I am just one hundred years old," answered the old man, sitting on a packing-box.

"Is that so?" jokingly responded the stranger. "Well, I'll bet you don't live to see another hundred."

"I don't know about that," was the smiling rejoinder of the aged native. "I am a whole lot stronger now than I was when I started on my first hundred."

These Goodyear Tires Made Extra-Large

Sizes 30x3 1/2 and 30x3

We are this year giving special attention to users of small-size tires. There are about a million of them. And the tire we build would win them all if all of them could know about it.

\$317,000 Added

This year we are building these tires larger than ever. We've increased the air capacity by 20 per cent. Added size means added mileage, as every user knows.

We have added 30 per cent to the rubber in the side walls just above the bead. That's where constant bending taxes tire walls most. And where thin-walled tires often chafe and break.

We have made new molds to improve the tire's design. For we have found a new shape which increases endurance.

These three additions will add to our tire cost \$317,000 this year. Yet this year we made another big price reduction—our third in two years, totaling 45 per cent.

Four-Ply Tires

Even the smallest Goodyear Automobile Tires

THE GOODYEAR TIRE & RUBBER COMPANY, AKRON, OHIO

Makers of Goodyear "Tire Saver" Accessories; also Goodyear "Wing" Carriage Tires and Other Types

are four-ply tires—even size 30x3. And our anti-skid tread—the Goodyear All-Weather—is double-thick on all.

So Goodyears have always been exceptional tires. They won on sheer merit the top place in Tiredom, and for years have outsold any other.

Now we add 20 per cent to the air capacity and 30 per cent to the rubber above the bead. And we give you a better design. We are building by far the most capable tires ever built in these small sizes.

So even the occasional mishap and misuse will find new strength to combat them.

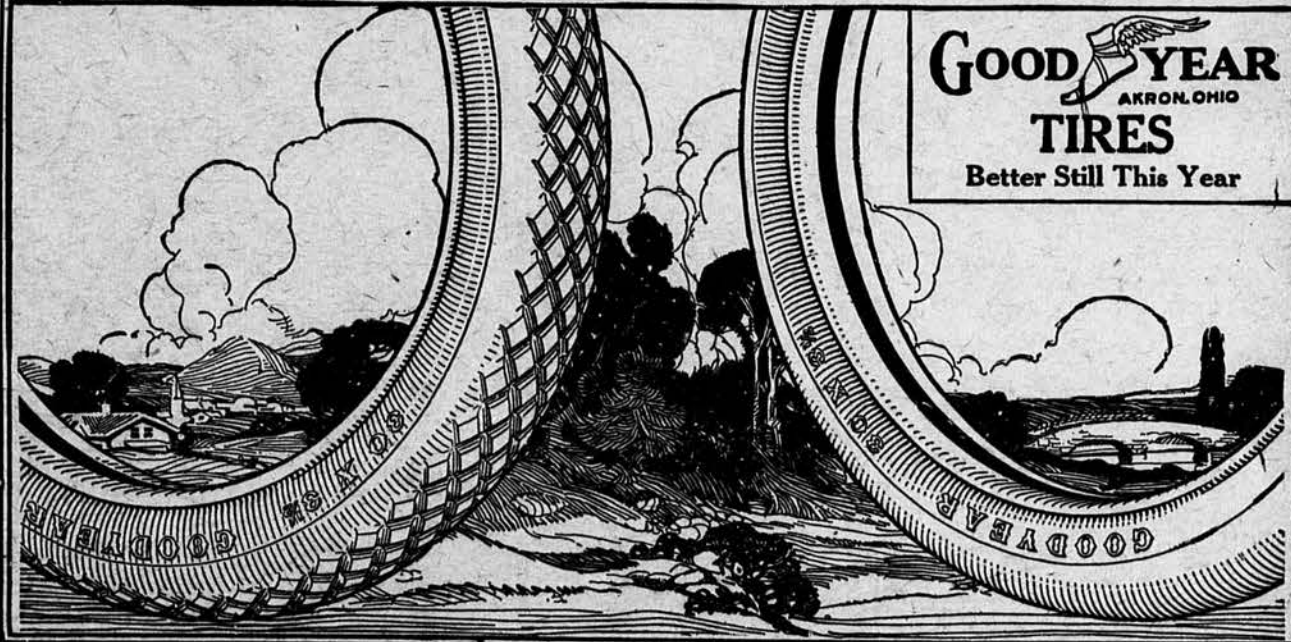
Get These Extras

The value we give in

Goodyear tires is due to our mammoth output. Get that value—it is due you. Smaller, thinner, lighter tires can't serve as Goodyears do. Even last year's Goodyears, though the leading tires, could not compare with these.

Any Goodyear dealer will supply you. Every neighborhood has a Goodyear Service Station with your size in stock, and it renders full Goodyear Service.

(2648)



GOOD YEAR
AKRON, OHIO
TIRES
Better Still This Year

FARMERS CLASSIFIED ADVERTISEMENTS

Farmers Mail and Breeze is the greatest classified advertising medium in the farm paper field. It carries the most classified advertising because it gives the best results. The rate is low: 5 cents a word; four or more insertions 4 1/2 cents a word. Here is a splendid opportunity for selling poultry, livestock, land, seeds and every stock, for renting a farm, or securing help or a situation. Write us for proof that it pays. Everybody reads these little ads. Try a classified advertisement now.

LIVE STOCK

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

5 SHORTHORN BULL CALVES FOR SALE. James Bottom, Onaga, Kansas.

FOR SALE—REGISTERED HOLSTEIN bull calf. O. Borden, Esbon, Kan.

TWO REGISTERED SHORTHORN BULLS for sale. C. E. Whittlesey, Mound Valley, Kan.

FOR SALE—25 14-16 GALLOWAY HEIFERS, 1 and 2 yr. old. J. M. Hiltz, Crisfield, Kan.

CHESTER WHITE HOGS, JOKER AND Jumbo blood lines, none better, farmer's price. Chas. Hart, St. James, Mo.

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

FOR SALE—1 BULL, 2 HEIFERS. ALL thoroughbred Holsteins, no relation. R. C. Roseboom, Girard, Kan., R. R. No. 3.

FIVE YEAR OLD ALCATRA SIR COLAN-tha 80114; H. F. H. B. Also registered Durocs. T. W. Allison, Florence, Kan.

FOR SALE—HIGH-GRADE NICELY-marked Holstein heifer calves three weeks old, \$15 each, crated. Edw. Yohn, Watertown, Wis.

FOR SALE—REGISTERED GUERNSEY bull. Reasonable. Highly bred, fine individual, good breeder. For copy of pedigree and particulars address S. C. Willey, Eureka, Kan.

FOR SALE—SPAN ARABIAN GELDINGS, 4 and 5. Broken; are beauties; snow white; pink skin. Thousand pounds. About 15 1/2 hands. Write quick. R. Smith, Wichita, Kan., R. 1.

FOR SALE—2 REGISTERED GUERNSEY bull calves. Large enough for service; out of imported cows and bred by Kansas State Agricultural college. R. C. Krueger, Burlington, Kan.

ON NOV. 3 I WILL SELL AT PUBLIC SALE all my dairy cows of which you see records of in the Pioneer Cow Testing association reports; also 1 2-year-old Holstein bull from some of the best milk producers of the state and 1 high grade Holstein bull calf. Jno. T. Leshar, 3 miles N. W. of Abilene, Kan.

POULTRY

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

WHITE ROCK COCKERELS \$1.00. H. F. Richter, Hillsboro, Kan.

BUFF WYANDOTTE COCKERELS ONE dollar. James Hollister, Quincy, Kan.

BUFF ORPINGTON COCKERELS ONE dollar. Grace Haynes, Zeandale, Kan.

PARTRIDGE ROCKS—12 PULLETS FOR sale. William A. Hess, Humboldt, Kansas.

ROSE COMB BROWN LEGHORNS. COCKERELS \$1.00 each. W. Giroux, Concordia, Kan.

BUFF ROCKS—A FEW HENS AND MALES to spare. William A. Hess, Humboldt, Kan.

BARRED ROCK COCKERELS; BEAUTIES; 6 for \$5.00. J. M. Jarvis, Newton, Kan., Rt. 2.

ROSE COMB RED COCKERELS, EXTRA good, \$1.00. Mrs. Wylie Puckett, Garrison, Kan.

TURKEYS, CHICKENS, GUINEAS WANTED. Coops loaned free. The Copes, Topeka, Kansas.

S. C. BROWN LEGHORN HENS AND cockerels \$1 each. Mrs. A. Anderson, Greenleaf, Kan.

LARGE, DARK ROSE COMB REDS. COCKERELS, pullets. Bargains. Sunnyside Farm, Havensville, Kan.

FOR SALE—PRIZE WINNING BROWN Leghorns; cockerels and pullets. O. P. Duncan, Iola, Kan.

PURE BRED ROSE COMB BROWN LEGHORN cockerels \$1.00 each. Daisy Deninger, Frankfort, Kan.

PURE BRED ROSE COMB WHITE LEGHORN cockerels, \$1.00 to \$10.00. Jennie Martin, Frankfort, Kan.

PURE BRED R. AND S. C. BROWN LEGHORNS; cockerels 60 cts. each. Josephine Reed, Oak Hill, Kansas.

BUFF PLY. ROCKS. FOUR GOOD BREEDING pullets and one cockerel \$7.00. W. F. Alden, Elsworth, Kan.

FINE WHITE ORPINGTON COCKERELS \$5. Imported Carey stock. Mrs. Helen Lill, Mt. Hope, Kan.

CHOICE STOCK—HENS AND COCKERELS. Single Comb White Leghorns for sale. Vira Bailey, Kinsey, Kan.

EARLY HATCHED ROSE COMB RHODE Island Red cockerels and pullets, big boned, strong breeders, low price. H. A. Sibley, Lawrence, Kan.

ROSE COMB REDS—DARK. RICH. EVEN colored birds. Will sell for one-half what you will have to pay in the spring. Mrs. Chas. Hill, Toronto, Kansas.

DUFF'S MAMMOTH BARRED ROCKS Choice breeding and exhibition quality. A. H. Duff, Larned, Kan.

EXTRA EARLY PURE BREED S. C. COOK strain Buff Orpington from prize stock. Chas. O'Roke, Fairview, Kan.

WHITE WYANDOTTES—FANCY COCKERELS from the best blood in the state, \$1.50. I. B. Pixley, Wamego, Kan.

FOR SALE—PRIZE WINNING ROSE COMB Golden Wyandottes. Cockerels \$1 each. Mrs. Della B. Bilson, Eureka, Kansas.

S. C. WHITE ORPINGTON COCKS AND cockerels for sale. Exhibition or utility. Write W. W. Mollhagen, Lorraine, Kan.

PURE BRED BARRED PLYMOUTH ROCK cockerels. Early hatched. Cheap, if taken at once. Mrs. C. N. Bailey, Lyndon, Kan.

PURE BRED BARRED ROCKS—6, \$6.00 and up. Upland geese, Pekin ducks at reasonable prices. Henry Hankey, Goessel, Kan.

VIGOROUS BARRON-FRANTZ WHITE Leghorn cockerels. March hatch \$1.50. May hatch \$1.00. Violet Hunt, Coffeyville, Kan.

PARTRIDGE WYANDOTTE SPECIALIST. Cockerels and pullets, farm raised, \$2.00 each, three for \$5.00. Circular free. Oscar Huston, La Junta, Colo.

BEAUTIFUL, THOROUGHLY BRED ROSE Comb Rhode Island Reds exclusively. Rich dark velvety Reds. Best strains. Cockerels \$1.50 and \$2.00 each. Satisfaction guaranteed. Mrs. Chancey Simmons, Route 3, Erie, Kansas.

BUTTERCUP POULTRY YARDS. I WILL mate you a trio of beautiful Buttercups (200 egg strain) for \$10 and ship November 1. Book your orders now and avoid disappointment. No better Buttercups in United States. Prosperity and happiness with this breed. W. C. West, R. No. 5, Topeka, Kan.

SEEDS AND NURSERIES

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

STRAWBERRY PLANTS \$2.00 PER 1000, list free. J. Sterling & Sons, Judsonia, Ark.

20 APPLE OR 20 PEACH \$1. CHERRY, plum and berries. Waverly Nurseries, Waverly, Kan.

STRAWBERRY AND RHUBARB PLANTS cheap. None better. Adams & Son, Fayetteville, Ark.

DWARF HEGARI BEATS KAFFIR, MAIZE or Feterita. 10 pounds \$1. Charlie Clemmons, Verdon, Okla.

A SPECIAL IN FINE IMPORTED TULIP bulbs. All colors. \$1.50 hundred postpaid. Edw. Yewdall, 1108 Western, Topeka, Kan.

NOT IN THE TRUST. SEND FOR FALL list of dependable nursery stock at reasonable prices. The Riley Co. Nurseries, Manhattan, Kan.

ALFALFA SEED—HOME GROWN NON-irrigated alfalfa seed six and \$8.50 bu.; sacks 25 cts. Samples sent on request. J. L. A. Jordan Seed Co., Winona, Kan.

PLANT THIS FALL SURE—GROUND never in better condition. Trees at wholesale prices. Buy direct. Save agents' commissions. Send postal for free fruit book. Wichita Nursery, Box B, Wichita, Kan.

LANDS

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

120 A. IN INDEPENDENCE CO., ARK. \$900. Little Watson, Sulphur Rock, Ark.

FOR SALE—WELL IMPROVED FRUIT farm. For price write R. 3, Box 96, Fayetteville, Ark.

11 MONTHS' SUNSHINE IN COLORADO, best water rights. Perfect land. Keen Bros., Pueblo, Colo.

AT AUCTION, NOV. 10, TO SETTLE ESTATE, good 320 improved, central Kan. N. Everson, Irving, Kan.

80 ACRE KANSAS FARM, 25 MILES FROM Kansas City. Address P. Hindman, 2618 E. 30th, Kansas City, Mo.

320 A. WELL IMPROVED STOCK FARM 1 mi. town, \$50 per a. H. J. Brogard, owner, Toronto, Kansas.

LIST YOUR TRADES, LARGE OR SMALL. Trades made everywhere. Progressive Realty Co., Greeley, Colo.

160. GOOD SOIL, COMMUNITY CLIMATE and crops. Rural route, school. \$2,400.00. Dan'l Ough, Benkelman, Neb.

ONE HUNDRED FARMS FOR SALE IN Saline county, garden spot of Kansas, by Fred A. Reed, Salina, Kansas.

160 A. 2 MILES FROM ESKRIDGE, KAN. Well improved, in good shape, fine location. \$60 per acre. E. Reynolds, Eskridge, Kan.

115 ACRES, WELL IMPROVED FARM, joining city of Englewood, river bottom alfalfa land, private irrigation, easy walking distance to school, church and business center, for sale. Address M. L. Dickson, owner, Englewood, Kan.

GOOD IMPROVED 40 A. FOR SALE OR exchange; entirely fenced with woven wire. In Mo. Mrs. Wm. Norris, Sedgwick, Kan., Rt. 1.

SELL YOUR PROPERTY QUICKLY FOR cash. No matter where located. Particulars free. Real Estate Salesman Co., Dept. 6, Lincoln, Neb.

FOR SALE—205 A. MUST SELL TO SETTLE estate 32 a.; for sale or trade, 120, 40, 80 acres, drug store. Other bargains. No. 171, Gravette, Ark.

FOR SALE—FARM OF 160 ACRES, CREEK bottom, well improved; wish to sell to settle estate. For full particulars address Wm. or John Finley, Concordia, Kan.

FREE 320 ACRE COLORADO/HOMESTEADS almost gone. Last chance for free land. Fine water. Rich loam soil. Write Smoke & Ray, Box 595, Pueblo, Colorado.

HOMESTEAD LAND, BONANZA VALLEY, Colorado. Hay and wheat land, close to timber, mild winters. Send stamp. Colorado Homestead Co., 1624 Curtis St., Denver, Colo.

320 ACRE HOMESTEAD, UNIMPROVED; 5 miles to postoffice and store; for \$500.00. 80 acres homestead, unimproved, adjoining school land, for \$100.00. H. K. Haynes, Vona, Colo.

DAIRY FARM, 111 ACRES ADJOINING town of 6,000 population Southern Kansas, choice land, fine improvements, cows and equipment. Location worth price. G. W. Depue, Parker, Kan.

WHEAT LAND AND GASOLINE TRACTOR plowing outfit, to rent with the land. Also will sell fine wheat land on easy terms. In Wallace county, Kan. J. E. Fitzgerald, owner, Jamestown, Kan.

160—ALFALFA, DAIRY, FRUIT AND truck farm, mile from school or church. Fenced and cross fenced. Permanent improvements. Close market. Rural Carrier No. 2, Little River, Kan.

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

NORTHERN MINNESOTA—CHEAP, FERTILE land; easy terms. Excellent climate, sweet water, good markets. Grasses grow luxuriantly. The ideal cattle country. Write for information. Northern Minnesota Development Association, Mail & Breeze Department, Duluth, Minn.

FOR SALE OR TRADE: BEAUTIFUL Spokane valley home. Attractive 7-room strictly modern house, water system, wood on place for furnace and fire-place. On station of electric railway, two other railroads and national auto road. Mild winters, beautiful summers. 160 acres, 87 bearing orchard, mostly apples, balance in cultivation and pasture. Fine barn, hog house, chicken house, etc. Price \$25,000, terms easy. Would consider trade for acreage or improved farm. Owner, R. S. Nelson, Coeur d'Alene, Idaho, Rural Route No. One.

FARMS ON 14 YEARS' TIME, ONLY \$15 an acre. Rich black valley farms, Duval county, Texas, only \$1 an acre cash, balance fourteen yearly payments. No better land anywhere for raising big money crops; finest climate in U. S. Splendid for dairy, live stock, good water; practically two months growing season. Will produce excellent crops of alfalfa, corn, forage, such as sorghum, Sudan grass, as well as cotton and all vegetables including potatoes (two crops) and the semi-tropical fruits such as oranges, California grapes, figs. Only a few of these farms for sale. 40, 80 acres and up. Remarkable opportunity for renters and those who want farm homes. Prompt action necessary. Write today for free book describing country, with maps, plats, etc. A postal card will do. C. W. Stahl Company, Inc., owners, 440 Commercial Bank Bldg., Houston, Texas.

FARMS WANTED

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

WANTED TO HEAR FROM OWNER OF farm or fruit ranch for sale. O. O. Mattson, 72 Andrus Bldg., Minneapolis, Minn.

WANTED: TO HEAR DIRECT FROM owner of good farm or unimproved land for sale. C. C. Buckingham, Houston, Texas.

WANTED—TO HEAR FROM OWNER OF good farm or unimproved land for sale. H. L. Downing, 111 Palace Bldg., Minneapolis, Minn.

WANTED—TO BUY WESTERN LAND, 500 acre tract or more, south of Arkansas River; would prefer running water. J. T. Hourigan, Langdon, Kan.

SEND DESCRIPTION OF YOUR FARM OR ranch! We have cash buyers. Don't pay commission. Write National Real Estate Exchange association, Peru, Illinois.

I HAVE SOME CASH BUYERS FOR SALE-able farms. Will deal with owners only. Give full description, location, and cash price. James P. White, New Franklin, Mo.

CREAM WANTED

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

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

FOR SALE

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

FOR SALE—HEDGE POSTS; CARLOTS. H. W. Porth, Winfield, Kan.

ALFALFA HAY, ALL GRADES, DRY AND in shed. Priced right. John Ryman, Dunlap, Kan.

SCOTCH COLLIES, 25 PUPPIES FOR sale by Farbold Fox, Western Home Kennels, St. John, Kan.

LONG GREEN LEAF TOBACCO TO CHEW or smoke, 20 and 25 cents per pound. 100 pounds delivered. True Cutler, Holt, Mo.

NEW I. H. C. 6 H. P. GASOLINE ENGINE used only 3 days. Cost \$233.00; a snap at \$100. Geo. L. Copson, P. O. Box 287, Enid, Okla.

3 H. P. PORTABLE INTERNATIONAL engine; has magneto and friction clutch pulley. First class condition. Alfred Woodward, Burston, Kan., R. F. D. 3.

PRAIRIE HAY. WE HANDLE HAY IN large quantities and can make shipment any day. Ask for delivered prices. The Oage City Grain & Elevator Co., 418 Main street, Oage City, Kansas.

ONE 14 INCH GANG PLOW, BRAND new. Just received from factory. Sells regular for \$65.00. Will lay this gang down any place in Kansas on one year's time no interest for \$45.00. When Trading Co., Marysville, Kan.

FINE TOPEKA HOME FOR SALE—I WILL sell my place in Topeka, located on the most beautiful street in the city, near limits of city, two blocks from street car, two blocks from fine school, fine old shade park like surroundings, lot 4 1/2 by 305 feet, eight room house, modern in every detail, hardwood finish, four fine mantels and grates, of oak, brick and tile, big sleeping and dining porch, both screened, barn, poultry houses, etc., etc. Fine place for farmer who wants to move to the capital city. Price \$5,500, worth more. Cash or terms. Interest only 6 per cent instead of the usual 7 per cent. No trade. Address R. W. E., care Mail and Breeze.

FOR SALE OR TRADE

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

FOR EXCHANGE—12 ACRES, FRUIT AND berry ranch. Water and soil fine. Land near Topeka preferred. Taylor Cooley, Grand Valley, Colo.

FOR SALE OR TRADE—4 ROOM HOUSE, 4 lots, nicely located, in Sylva, Kan., to trade for western land. Hardware store doing good business, for trade for western land. I have several Reno county farms for sale or trade. Write me your wants. W. T. Miller, Langdon, Kan.

FARM MACHINERY

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

\$160 BUYS A SMALL GASOLINE TRACTOR. S. B. Vaughan, Newton, Kansas.

SMALL POWER THRESHERS FOR GRAIN, maize, peanuts, peas, etc. Hand and Pony hay presses. Particulars free. W. H. Stoppel, Dallas, Texas.

BEEES AND HONEY

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

FOR SALE, NEW HONEY, SAMPLE AND prices on application. Glen C. Voorhees, Tranquillity, Calif.

PURE HONEY, 60 LB. CAN \$6.25. TWO 60 lb. cans \$12.00. Freight prepaid to any station in Kansas. Sample 10c. H. L. Parks, Wichita, Kan.

HONEY—FANCY WHITE EXTRACTED, 2 60-lb. cans \$11.00. Light amber \$10.00. Amber \$8.50. Single cans 25 cents extra. Bert W. Hopper, Rocky Ford, Colo.

PATENTS

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

PATENTS THAT PAY. \$600,562 CLIENTS made. Searches, Advice and two books free. E. E. Vrooman & Co., 835 F, Washington, D. C.

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

"PATENTS SECURED THROUGH CREDIT system. Free search; send sketch. Booklet free. Waters and Company, 4215 Warder Building, Washington, D. C.

PROTECT YOUR IDEAS. WRITE FOR free patent books. Patents advertised for sale at our expense. Advice free. Pattison and Company, 982 G street, Washington, D. C.

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

PATENTS WANTED

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

WRITE FOR OUR FOUR BOOKS SENT free to any address. What to Invent contains List of Inventions Wanted. \$1,000,000 in prizes offered for inventions, also list of inventions needed on farms compiled from information secured from Department of Agriculture. Send for List of Patent Buyers with requests from manufacturers regarding New Ideas they wish to purchase. How to Obtain a Patent contains 160 mechanical movements illustrated. Send us a model or sketch of your invention for free search of Patent Office records to ascertain if patentable. We secure patent or return fee and advertise all patents obtained by us free. We assist inventors to sell their patents. Victor J. Evans & Co., 825 F. Washington, D. C.

HELP WANTED

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

BE A DETECTIVE. EARN \$150 TO \$300 per month; travel over the world. Write Supt. Ludwig, 491 Westover Bldg., Kansas City, Mo.

MEN—WOMEN 18 OR OVER WANTED AS U. S. government clerks. \$75.00 month. Vacations. List of positions now obtainable free. Franklin Institute, Dept. C51, Rochester, N. Y.

THOUSANDS U. S. GOVERNMENT JOBS now open to farmers—men and women. \$55 to \$150 month. Vacations. Pleasant work. Steady employment. Pay sure. Common education sufficient. Write immediately for free list of positions now obtainable. Franklin Institute, Dept. C51, Rochester, N. Y.

MALE HELP WANTED

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

YOUNG MEN WANTED FOR REAL ESTATE work. \$125.00 per month. Write Box 427, Gallatin, Mo.

GOVERNMENT FARMERS WANTED. \$50 to \$125 monthly. Free living quarters. Write Osmont, 23E, St. Louis.

MOLIER BARBER COLLEGE. MEN WANTED. Special fall rates. Write for free catalogue. 514 Main St., Kansas City, Mo.

SALESMEN WANTED FOR FRUIT AND ornamental trees. Experience unnecessary. Outfit free. Pay weekly. The Lawrence Nurseries, Lawrence, Kan.

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

FIREMEN AND BREAKERS: \$100 MONTHLY. Experience unnecessary. Hundreds needed by the best railroads everywhere. Particulars free. 736 Railway Bureau, East St. Louis, Ill.

WE GUARANTEE YOU A GOOD POSITION paying from \$15 to \$25 per week by taking a course in Stah's Institute of Watchmaking and Engraving. 207 Altman Bldg., Kansas City, Mo.

MOTORMEN—CONDUCTORS. \$80 MONTHLY. Interurbans everywhere. Experience unnecessary; qualify now; state age. Booklet free. Electric Dept. 813 Syndicate Trust, St. Louis, Mo.

SALESMEN FOR HIGH-CLASS TOBACCO factory; experience unnecessary. Good pay and promotion for steady workers. Complete instructions sent you. Piedmont Tobacco Co., Box P-86, Danville, Va.

AGENTS

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

AGENTS WANTED TO SELL MEN'S HATS direct from factory. Send for style book. Guerri Bros., Hat Mfrs., Orange, New Jersey.

WANTED—AGENTS TO SELL WINFIELD Reliable Trees. Pure bred—True to name. Growers of a general stock. Will pay a liberal commission. Cooper and Rogers, Winfield, Kan.

MEN AND WOMEN TO SELL THE FASTEST selling household novelty of the day. Set samples and full information 50 cents. Address The Enamel Bake Ovens, 504 Burnside St., Portland, Ore.

MISCELLANEOUS

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

POSITION WANTED—YOUNG WIDOW desires position as housekeeper on ranch. Mrs. Vivian G. Hilsie, Osborne, Kan.

LUMBER—WE SHIP TO CONSUMERS AT wholesale. Send us your itemized bill for estimate. Lowest prices on Bol's D'Arcy cedar and oak posts. Telephone poles and piling. McKee Lumber Co. of Kansas, Emporia, Kansas.

STRAYED OR STOLEN FROM MY FARM, a three year old filly, weight about 1,200 pounds. Color black with bald face and large white markings on lower side of belly. Twenty-five dollars for return of mare and twenty-five dollars for thief, if mare is stolen. H. A. Sandborn, Chapman, Kansas.

LET US TAN YOUR HIDES AND FURS, making them into robes, coats and fine fur garments, or manufacturing them from our hides or furs. Send for free magnificent illustrated catalogue showing prices, when we furnish or you send, the skins, also much valuable information. Highest prices paid for hides and furs. Oshman & Sons Co., Box 743, Cedar Rapids, Iowa.

Beef Prices Should Go Up

Western Kansas Farmers Are Organizing for the Purpose of Holding Their Wheat for Higher Prices

CATTLE receipts last week were 5,000 less than the preceding week, and further decrease is expected. Kansas is reported as having passed the heaviest shipping time, and as there is no other section able to supply any considerable run, smaller supplies appear inevitable, and stronger prices should result. The market on beef steers has been very unsatisfactory since the middle of the week. Sales at Illinois markets all week were much below the average in force here, and the depression since Wednesday is due to an effort to get prices here down in line with markets farther east. The decline, however, is confined to beef steers selling at \$7.50 and upwards, with the possible exception of prime corn-fed cattle. Expectation for next week is that corn-fed cattle will sell strong. Stockers and feeders have found a good outlet this week, feeders and best stock grades holding up steady. Chicago commission men send their buyers to Kansas City every week, after the big Monday run has been disposed of, and they spend the balance of the week here filling orders for stockers and feeders ordinarily filled in Chicago.

Shipments to the country exceeded those of the previous week, when 43,000 head went out. Butcher grades of cattle were strong. Colorado cows selling up to \$6.55, best fat native cows \$7. Quarantine receipts are mainly low grade cattle, as usual recently, steers at \$5.25 to \$6.00.

Hogs are higher, receipts continuing moderate at all the markets. Medium and heavy weights are now selling up to the top price, but there still is a spread of half a dollar according to quality and finish. Pigs declined 25 to 50 cents early last week, but have been steady since. Stock grades slow sale, pig sales at \$6.50 to \$8.

Sheep and lambs have not changed much in price recently, the feature last week was lack of top quality in fat lambs. Best range lambs are quotable up to \$6.65, plain natives \$5.25, western feeding lambs, 50 to 55 pounds, \$5 to \$5.30. Fat ewes are stronger, largely at \$5.75 to \$6.10, wethers \$6.50, yearlings \$6.50 to \$7.25. Feeding ewes sell around \$5, breeders at \$5.75 to \$7.25, according to age and wool. Stronger prices for fat stock are expected.

FAT STEERS.

Prime heavy, corn fed.....	\$9.00@10.10
Prime medium weight.....	8.15@10.00
Good to choice.....	8.40@9.25
Fair to good.....	7.50@8.35
Western steers, choice.....	7.55@8.40
Fair to good.....	7.00@7.80
Common to fair killers.....	6.25@6.30
Prime yearlings.....	8.75@10.00

COWS AND HEIFERS.

Prime.....	\$6.25@7.00
Good to choice.....	5.45@6.20
Fair to good.....	4.85@5.60
Cutter cows.....	4.35@4.80
Canners.....	4.25@4.40
Prime heifers.....	5.50@6.50
Fair to choice.....	7.50@8.40
Common to fair.....	6.00@7.45

QUARANTINE CATTLE.

Steers, grain fed.....	\$5.40@5.65
Steers, meal and cake fed.....	7.25@8.35
Steers, grass fed.....	5.50@7.50
Cows and heifers.....	4.50@7.40

FEEDERS AND STOCKERS.

Selected feeders.....	\$7.50@8.00
Good to choice feeders.....	6.90@7.45
Medium to good feeders.....	6.25@6.85
Common to fair feeders.....	5.60@6.35
Selected stockers.....	7.50@8.00
Medium to good stockers.....	6.75@7.45
Common to fair stockers.....	5.75@6.70
Stock cows.....	5.50@6.85
Stock heifers.....	6.00@6.80
Stock calves.....	6.50@7.50
Veal calves.....	6.50@10.25
Killing bulls.....	4.75@6.50

HOGS.

Choice hogs, over 200 pounds.....	\$5.20@5.40
Choice hogs, over 250 pounds.....	5.10@5.40
Light hogs, 150 to 200 pounds.....	5.25@5.40
Pigs.....	5.50@7.50
Rough to common.....	7.50@8.10
Bulk of sales.....	5.15@5.40

SHEEP.

Spring lambs.....	\$3.25@3.65
Yearlings.....	6.25@7.25
Wethers.....	5.50@6.40
Ewes.....	5.40@6.15
Feeding lambs.....	7.65@8.25
Goats.....	4.25@5.00

Larger Movement of Wheat Expected.

Wheat growers in the western half of Kansas are organizing with the expectation of getting higher prices for their wheat. When you consider the very small stock of wheat that millers and dealers have been able to accumulate in the market centers, it is evident that an efficient organization of farmers will be in a position to command respectful attention when they make their demands.

Receipts of wheat in Kansas City last week were 1907 cars, almost as much as a year ago, but all the offerings were absorbed and stocks decreased 43,000 bushels. The total is only 1/4 million bushels, compared with 8,408,000 bushels a year ago.

Receipts of wheat at all winter wheat markets were somewhat larger than in the previous week and a year ago, but there was no accumulation anywhere. Chicago's receipts for the week were about 1/4 million bushels in excess of shipments. Minneapolis and Duluth arrivals were 5,383 cars, compared with 6,130 cars in the preceding week and 5,253 cars a year ago. This supply moved rapidly on consumers. Stocks of wheat in Minneapolis decreased 266,000 bushels last week and amount to about 1 million bushels, compared with 12,095,000 bushels a year ago, when there was an increase for the week of 2 million bushels.

Total arrivals at primary markets, 11 1/2 million bushels, were larger than in the corresponding week last year, for the first time this season.

The advance in prices caused more disposition among country holders to sell wheat, particularly in the spring wheat territory, and a larger movement is expected next week.

Corn Up a Few Cents.

Injury to corn by recent frost was claimed to be sensational in northern Iowa, and some other northerly areas. However, with a crop officially estimated at 354 million bushels larger than last year and unusually good crops of rough feed an abundant supply for all requirements seems assured. As an offset to the frost damage in the North, some phenomenal yields are reported in nearly all sections.

Movement of old corn diminished, the three western markets receiving only 1,101 cars, less than one-half as much as in the preceding week, though 247 cars more than a year ago. Kansas City arrivals were only 60 cars, and prices of carlots here rose 6 to 8 cents.

Hard Wheat—No. 2, nominally \$1.05@1.15; No. 3, \$1.05@1.14; No. 4, \$1.02@1.07.

Soft Wheat—No. 2, nominally \$1.20@1.25; No. 3, nominally \$1.14@1.20; No. 4, \$1.02@1.17.

Corn—No. 2 white, nominally 65@66c; No. 3, nominally 63@64c; No. 2 yellow, nominally 66@67c; No. 3 nominally 65 1/2@66c; No. 2 mixed, 65c; No. 3, nominally 63@64c.

Oats—No. 2 white, nominally 39@40c; No. 3, nominally 37@38c; No. 2 mixed, nominally 37@38c; No. 3, nominally 35@36 1/2c.

Barley—No. 4, nominally 43@50c.

Brans—Nominally 38c.

Shorts—Nominally \$1.05@1.15.

Corn Chop (city mills)—\$1.24@1.30.

Rye—No. 2, nominally 91@92c.

Seed—Per cwt., alfalfa \$14@16.50; clover, \$12.50@16; timothy, \$13@14.40; timothy, \$5.50@6.50; cane seed, 90c@1.10; millet, German, \$1.30@1.50; common, \$1@1.15.

The Kansas City Hay Market.

Total receipts of hay this week were 885 cars, compared with 661 cars last week and 647 cars a year ago.

Quotations follow: Prairie, choice, \$10.50@11; No. 1, \$9@10; No. 2, \$7.50@9; No. 3, \$5@7. Lowland prairie, \$4@5. Timothy, No. 1, \$12@13; No. 2, \$9.50@11.50; No. 3, \$6.50@9. Light clover mixed, \$10@11; No. 1, \$8.50@9.50; No. 2, \$6.50@8.50. Clover, No. 1, \$8@10; No. 2, \$7@8.50. Alfalfa, choice, \$14.50@15; No. 1, \$13@14; standard, \$10@12.50; No. 2, \$8@9.50; No. 3, \$6@7.50. Straw, \$5.50@6. Facking hay, \$4@5.

Butter, Eggs and Poultry.

Eggs—Extras, new white wood cases included, 27c a dozen; firsts, 25c; seconds, 23c.

Butter—Creamery, extra, 28c a pound; firsts, 26c; seconds, 25c; pound prints, 1c higher; packing stock, 19 1/2c.

Live Poultry—Broilers, under 2 pounds, 15@16 1/2c; springs, 2 pounds or over, 13 1/2@14c; hens, No. 1, 12c; roosters, young 12c, old 8 1/2c; turkey hens and young toms, 15c; old toms, 13c; ducks, 12 1/2c; geese, 6c.

Heifer Is in Poor Health

I have a 2-year-old heifer that is due to calve in about two months. She was in excellent condition until about six weeks ago. Now she is falling off in flesh. Sometimes when she makes water the stream is very small, and she has to strain.

Harvey County, Kansas. C. A. B.

From the symptoms submitted by you I am inclined to believe that there is some form of irritation in the vagina, possibly around the opening from the bladder. Such an irritation may vary greatly, and in order to determine its exact nature, you would have to consult a competent graduate veterinarian. Animals sometimes act in this way when they are affected with inflammation of the bladder. The latter may be treated by washing out the bladder once daily with a lukewarm solution containing either 2 per cent of alum, 1/2 per cent permanganate of potash, or 1/4 per cent carbolic acid.

Dr. R. R. Dykstra.
Kansas State Agricultural College.

Photograph Ailing Livestock

Every farm paper veterinary department receives numerous letters describing the disease which has afflicted an animal or fowl. Often it is impossible to determine whether your cow has lumpy jaw or some other ailment that causes swelling. The poultry expert might diagnose the trouble with your fowls as roup, but unless he can see the bird he cannot be sure.

You can aid your description greatly by taking a picture of the diseased animal or fowl and sending it along with the letter. Providing the diseased part can be shown it will give the veterinarian an excellent idea about what the ailment really is.



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Our twenty years' experience on this market will save you money. Each department is looked after by competent men. Our weekly market letter will be sent free upon request. See that your stock is billed to us.

Ryan-Robinson Commission Co.
421-5 Live Stock Ex., Kansas City, Mo.



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Students earn board while learning. A practical school with railroad wires. Owned and operated by A. T. & S. F. Ry. EARN FROM \$55 TO \$105 PER MONTH. Write for catalogue. Santa Fe Telegraph School, Desk G-508 Kansas Ave., Topeka, Kan.

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If you will sign your name and address on the space provided below, and send this coupon to us at once with 25 cents (silver or stamps) to pay for a one-year new, renewal or extension subscription to The Missouri Valley Farmer we will send you as a free prize, postage prepaid, a copy of the popular new book, "The Panama Canal as Seen by a Kansan," written by Arthur Capper, publisher of the Valley Farmer.

This is the newest and most interesting story of the great Panama Canal. It is well printed and profusely illustrated. It's free on this special offer.

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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 used 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.

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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.

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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.

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BIG BARGAINS IN REAL ESTATE

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

Special Notice All advertising copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication to be effective in that issue. All forms in this department of the paper close at that time and it is impossible to make any changes in the pages after they are electrotyped.

THREE farm bargains. Write for description. T. J. Ryan, St. Marys, Kansas.

NEMAH COUNTY, KAN., farms, improved. \$40 a. up. E. L. Horth, Centralla, Kan.

WRITE PAPES, Mulvane, Kan., for list of dairy farms near big milk condensary.

\$20 A. Hamilton Co. Raw grass land, \$4.50 a. No trade. Walter & Patton, Syracuse, Kan.

1920 A. 10 ml. Meade, 700 a. farm land, bal. pasture. \$12.50 a. G. W. Day, Meade, Kan.

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

FREE! Illustrated booklet describing richest Co. in Kan. Hoxey Land Co., Columbus, Kan.

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

FOR BUSINESS, homes or farms at Baldwin, Kan., seat of Baker University, write D. E. Houston & Co. Some trades.

1/2 SEC., 200 cult., 20 alfalfa, bal. pasture, well improved, spring and well. \$18,000. Terms. Hill & Murphy, Holsington, Kan.

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

FOR SALE: 240 acre improved farm; 1/2 plow land, balance grass at \$20 per a. J. H. King, Cawker City, Mitchell Co., Kan.

WANTED: Tract suitable for subdividing as addition to growing town. Give full particulars. Address Box 77, Mail and Breeze, Topeka, Kan.

FOR SALE, a 100-acre farm adjoining Larned. This place is suitable for dairy purposes. Address R. N., care the Farmers Mail and Breeze, Topeka, Kan.

IMPROVED choice 240 a. 4 ml. Preston, Pratt Co., Kan. 210 a. wheat, all goes to purchaser. Price \$14,500. \$7,500 cash, no trades. Chas. E. Dye, Preston, Kan.

BEST BARGAINS on earth. North Lyon Co. improved corn, alfalfa, and stock farms. \$40 a. up. All sizes. Some trades. For the truth, write E. B. Miller, Admire, Kan.

FOR SALE. Grocery and meat market in a good town in Eastern Kansas, doing good business and making money every day; for sale by owner. Address "Mde," care Farmers Mail and Breeze, Topeka, Kan.

IMP. 80, 3 1/2 ml. out, \$3300. A snap. Decker & Booth, Valley Falls, Kan.

800 ACRE TRACT NICE WHEAT LAND. \$4000. Terms. J. A. Jackson, Syracuse, Kan.

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

1,440 ACRE ranch, improved, \$10 per acre, terms. 890 acre ranch near city, \$15. Cliff Tomson, Syracuse, Kan.

NORTHEAST KAN. Good improved farms in bluegrass section, \$60 to \$100. Send for list. N. Compton, Valley Falls, Kan.

FOR SALE: 75 a. farm, Coffeyville. Terms. Also raw quarter Dent Co., Mo. G. W. Alford, Hutchinson, Kansas.

120 A. second bottom, well improved. Nice home, \$4,000; incumbrance \$1600. Oliver Gaines, Owner, Howard, Kansas.

80 ACRES, well improved. High state of cultivation. 3 1/2 miles of Wellsville. Price \$7800; \$1500 cash, bal. 5% long time. Moherman & Bivins, Wellsville, Kan.

CLAY COUNTY improved 160 acres; 6 1/2 ml. Clifton. 110 a. under cult. 6 acres alfalfa; rest fine pasture land. 50 a. in wheat. Possession at once. Price \$9,000. Frank Mares, Clifton, Kan.

ONE 160 a. creek bottom farm; 400 acres good hay and pasture land; 320 a. farm close to Reading, Kan. Will sell cheap for cash or take part trade on every place. Theo. Voeste, Olpe, Kan.

160 A. 2 ml. Osage City; 80 a. corn, 10 a. alfalfa, 30 a. hog pasture, bal. grass. 8 r. house, large barn, cow barn. 1000 catalpa trees; well, mill, cistern, cave. \$65 a. Rosenquist & Renstrom, Osage City, Kan.

760 A. RANCH and farm. 10 ml. south of Fowler, 15 ml. east Meade. 300 a. cult.; fine stream, 50 springs. 200 a. alfalfa land. Artesian water. New house. 18 a. timber. \$ a. orchard. \$15,000. Write R. C. Mayse, Owner, Ashland, Kan.

FOR SALE: 160 a. farm in Sumner Co., Kan., 55 ml. S. E. of Wichita, Kan., 1/2 ml. from Dalton, Kan., with a good market. 60 a. in corn, 5 a. in pasture; rest in wheat. Unimproved. \$45 per a. cash. Address V. Robinson, 1010 Topeka Av., Wichita, Kan.

120 ACRES, 1/2 miles of Richmond, Kansas, a town of about 700 people, all good smooth, tillable land, 75 acres in pasture and clover meadow. 2 story, 8 room house, good barn. Price \$75.00 per acre. Casida & Clark, Ottawa, Kan.

80 A. 2 1/2 ml. FROM CLIFTON, KAN. All tillable, well improved, all hog tight. No. 1 soil, good neighborhood, good water. Best of terms. If interested, write J. H. Harris, Owner, Clifton, Kan.

FOR SALE: 160 acres three miles from good town, well improved, everlasting water, good soil. 50 acres growing wheat, 15 acres alfalfa; 70 acres corn will average 60 bushels. Will sell farm and give easy payments. W. A. Schwartz, Louisburg, Kansas.

MUST SELL ACCOUNT OTHER BUSINESS. Can't look after alfalfa and crops. 160 acres, good land, good location, good roads, close to town, R. F. D., and telephone. How much can you pay down and what time do you want on the remainder? Write Arthur Rich, Fredonia, Kansas.

YOUR CHANCE. 160 acres, 4 ml. from Peabody. All extra good land under plow; good 7 room house. Good barn 40x60; scales, granary, etc. Nice shade. School 1 ml. Bargain for short time at \$70 per a.; time on \$7000. Mollohan Land Co., Peabody, Kan.

160 A. 3 1/2 ml. OUT. IMP. FAIR. 130 cult., 30 grass, good water, fenced. Second bottom. \$10,500. Mts. \$4,000. 6%. Ed A. Davis, Minneapolis, Kan.

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

FOR SALE: 160 ACRE FARM. Every foot under cultivation; good five room house; barn, new hog house, etc., 13 miles from Ottawa; five miles from Home-wood; price \$65.00 per acre. Write for full particulars. F. C. Carey, Homewood, Kansas.

Shawnee Co. Farm Bargains Near Topeka. Good 247 acre farm, \$8250. Choice 160 acre farm, \$110.00. High class 78 acre farm, \$7500. Seven years' time on 1/2 if desired. Choice 640 a. farm near good Co. seat. N. W. Kansas. \$30. 1/2 cash. J. E. Thompson, Cumbeah, Kan. The Farmer Land Man.

2—Rare Bargains—2

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

80 ACRES ONLY \$1,000

South of Wichita near Wellington; all good loam soil; dandy dairy farm; good bldgs.; only \$3600; \$1000 cash. Be quick. R. M. Mills, Schweiter Bldg., Wichita, Kan.

Biggest Ranch Bargain in Kansas

5,274 acres, Butler Co. Over 3,000 acres beautiful, level, rich, tillable and all finest blue stem, limestone pasture, one body. Timber and everlasting water. \$21. V. A. Osburn, El Dorado, Kansas.

\$500,000 TO LOAN

On Kansas farms, any amount, lowest rates; best terms. G. L. Garlinghouse, Leavenworth, Kan.

FOR SALE A SNAP

Improved 320 acres, 45 miles southeast of Wichita, 3 1/2 miles from railroad town. \$1,000 payment will handle it, balance on long time, low rate of interest. Address owner, H. C. Whalen, 412 Bittling Building, Wichita, Kansas.

LANE CO.

If you want to buy a farm or ranch, in the coming wheat, corn and stock country of the West, write me as we have bargains from \$8.00 to \$25 per acre. Both improved and unimproved. Let me know what size farm you want and how much you want to pay on the same. W. V. Young, Dighton, Kansas.

W. V. Young, Dighton, Kansas.

A MODERN FARM HOME

Worth \$150 Per Acre—Our Price For Quick Sale \$112.50



Live Here and Enjoy the Combined Advantages of Country and Town.

This 160 acres adjoins the thriving town of Peabody, Kan., on the main line of Santa Fe and Rock Island. This farm home of eight rooms, bath, toilet, cement cellar, etc., is equipped with furnace, hot and cold water, electric lights, both in house and barns. Every acre of this land is tillable; a smooth, well-drained, deep, rich black soil that will grow large crops of corn, alfalfa, wheat and the various things that Kansas soil and climate are adapted to grow. This farm has barns for horses, cattle, hay and hogs; chicken house, wells, cisterns and other improvements too numerous to mention here. Has 40 acres of good growing alfalfa, 35 acres meadow grass, good young orchard; is fenced and cross fenced. The fact is

This Farm Must Be Seen To Be Fully Appreciated

You have here the full advantages of a modern home and farm; city schools, churches, lodges and other conveniences, yet without the high taxes of the city dweller. 18 passenger trains stop daily at Peabody, Kan. Wire, phone or write when you will come. \$9,000 cash, terms on balance. This is too good a bargain to last very long.

W. N. TRUMBO, Owner, Peabody, Kansas

ONLY \$700 DOWN

Balance on easy terms, for this 160 acres, all rich, level wheat land; 90 acres cultivated; good well; 4 miles to railroad station. \$20 per acre. One crop will pay for it. The John Landgraf Land Co., Garden City, Kansas.

CHASE COUNTY STOCK RANCH

640 acres 2 miles from shipping point. 100 acres best creek bottom, 75 acres alfalfa, timber, creek, 540 acres best bluestem pasture, running water, splendid improvements. No overflow, no gumbo, best combination in the county. Price \$25,000.00, liberal terms. J. E. Beecock & Son, Cottonwood Falls, Kansas.

Ness County Lands

Good wheat and alfalfa lands at \$15 to \$25 per acre. Fine crops of all kinds in 1914 and better crops in 1915. No better soil in Kansas. Land in adjoining counties on the east \$40 to \$75 per acre. Buy here while land is cheap. Write for price list, county map and literature. No trades. Floyd & Floyd, Ness City, Kansas.

FINE STOCK RANCH

Square section, 8 ml. town in Ness Co. 120 a. in cultivation, bal. fenced pasture. 350 a. smooth alfalfa land, 18 ft. to sheet water. Walnut creek runs through, never dry. 3 room house, stable for 12 horses, cow shed, double frame granary, with driveway; stone chicken house, well, windmill and high tank. Nice young orchard. Several quarters grass land adjoining can be leased. \$8000; terms on \$4000. Send for list. V. E. West, Ransom, Kan.

For Sale A well improved farm consisting of 240 acres in Anderson County, Kan. Located in a Catholic settlement 4 1/2 miles from church and school. One-half in cultivation, the balance in pasture and meadow. Improvements as follows: House of five rooms with cellar, cistern and well. Cement walks around house and nice shade trees. Barn 36x60 ft., 20 ft. high. This farm is well watered and well located. Price \$50.00 per acre. Will accept one-third to one-fourth cash and balance to be secured by mortgage on farm.

A dairy farm consisting of 160 acres in Anderson Co., Kan., located 2 miles from Garnett, improved as follows: New house, barn, two silos and well fixed to handle dairy business. All good smooth land. Price \$70.00 per acre. Would also sell dairy herd with farm. A nice, well improved 40 acre farm situated 2 1/2 miles from railroad station. Price \$1800.00. If interested in any of these propositions either write or call upon M. L. White, Garnett, Kansas.

WISCONSIN

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

WISCONSIN FARMERS.

We offer you partially improved farms. Small house, small clearing, \$30 an a. and upwards. We also will loan you money to buy cows and pigs. Rich soil, good roads, neighbors, schools; near best of markets. Send for free map and price list. Faust Land Co., Conrath, Rusk Co., Wis.

NEBRASKA

I HAVE FINE ALFALFA FARMS

in tracts from 160 acres to 1000 acres, and best corn and wheat land at prices from \$8 to \$30 per acre. These prices will not last long. Write me today. A. T. Cowings, Benkelman, Neb.

NEW MEXICO

Wheat Land

Located northwest of Clovis, New Mexico. Wheat on adjoining land averaging 25 to 41 bushels to the acre, high test. Corn, kafir, feterita, and other crops equally as good. Best combined farming and stock raising proposition in this country. Healthful climate. An abundance of pure soft water. Over 10,000 acres sold in the past thirty days. Arkansas Valley Town & Land Co., 421 New England Bldg., Topeka, Kan.

CALIFORNIA

PLACER COUNTY, CALIF. Lands, improved and unimproved. For fruit or stock raising. Large or small tracts. Write to W. W. Rodchaver, East Auburn, Calif.

OKLAHOMA

OKLA. LANDS. 40 to 500 a. tracts. Write for list. Roberts Realty Co., Nowata, Okla.

FOR INFORMATION about lands and loans write Jordan Land & Loan Co., Pauls Valley, Oklahoma.

BUY NOW from owner, best 650 acre farm in Oklahoma, 2 miles from Vinita. Well improved; strong, level land, 3 sets of buildings. W. M. Mercer, Aurora, Ill.

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

350 ACRES, 200 cult., 150 rough timber pasture, imp. Joint station. Good water. \$27.50 a. C. M. Smith, Crowder, Okla.

240 A. BOTTOM and second bottom. No waste. 140 a. cultivation, fair improvements. Corn make 50 bu. per a. \$31 per a. Terms. Southern Realty Co., McAlester, Okla.

WE HAVE 40 FARMS TO SELL; 10 a. to 1000 a. Three ranches, cheap land, 1000 to 20,000 acres. Correspondence solicited. Ref. any bank in Pittsburg County. Crowder E. E. Co., Crowder, Okla.

FOR RENT: 100 to 500 acres fine bottom land joining town of Chickasha, Okla. Price \$5.50 to \$6.25 per a. cash rent. Half down, balance November 1st. Address Box 264, Chickasha, Okla.

CHOICE CORN and alfalfa bottom lands, fine upland farms, also grazing land. Write today for list of Oklahoma Bargains. Major Bros., Chickasha, Okla.

FOR SALE: 100 acres fine bottom land joining town of Chickasha, Okla. Ideal corn, alfalfa and wheat land. Also well located for townsite property. Price \$100 per a. Half cash, balance five years. Address Box 264, Chickasha, Okla.

CENTRAL OKLAHOMA

farms \$5.00 to \$8.00 per acre. Free list and map. Perry DeFord, Oakwood, Okla.

Cheapest GOOD Farm Land

in Oklahoma, is in McCurtain County. Write for my "War Special." Some real bargains. C. E. O'Neal, Box 75, Idabel, Okla.

Oklahoma Land For Sale

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

QUICK PROFITS

The big crop, the big war and everything points to another of the booms in land such as have made thousands of men rich. Good land is yet to be had at ten dollars per acre and up in Oklahoma, youngest of the agricultural states. Come and see. Frank Meadows, Hobart, Okla.

PUBLIC AUCTION SALE

OF OKLAHOMA STATE AND School Lands

Beginning November 8th, 1915, the Commissioners of the Land Office of the State of Oklahoma, will sell at the highest bid on forty (40) years' time at five (5%) per cent, approximately 173,081 acres of its public lands in tracts of 160 acres, according to the Government Survey thereof.

Said lands are situated in Major, Blaine, Canadian, Lincoln, Kingfisher, Logan, Cleveland and Oklahoma Counties and will be offered for sale in respective County Seats of said counties at the door of the County Court House thereof where County court is held as follows:

Fairview, (Major county), November 8th to 12th, 1915, inc.; Watonga, (Blaine county), November 13th to 17th, 1915, inc.; El Reno, (Canadian county), November 18th to 20th, 1915, inc.; Chandler, (Lincoln county), November 22nd and 23rd, 1915; Kingfisher, (Kingfisher county), November 28th and 30th, and Dec. 1st to 3rd, 1915, inc.; Guthrie, (Logan county), December 6th to 8th, 1915, inc.; Norman, (Cleveland county), December 9th to 11th, 1915, inc.; Oklahoma City, (Oklahoma county), December 13th to 16th, 1915, inc.

For Further Information, Address

G. A. SMITH, Sec'y.
OKLAHOMA CITY, OKLA.

MISSOURI

WRITE J. H. Wright, Marshfield, Missouri, for farm lists of good farms.

STOP; LISTEN! 80 a. impr. farm \$885. Views; other farms. McGrath, Mtn. View, Mo.

FOR EXC. 100 a., 1 ml. depot. Well impr. Mdse. preferred. R. F. Campbell, Lebanon, Mo.

BARGAINS in high class farm near Kansas City. Some Exc. L. W. Kircher, Cleveland, Mo.

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

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

POOR MAN'S CHANCE—\$5 down, \$5 monthly buys 40 acres good land; near town; some timber, healthy location. Bargain price \$200. Box 425-O, Carthage, Mo.

5 AND 10 ACRE TRACTS on county road, close to Branson, on Lake Taneycomo, all in cultivation or part timber. Terms to suit. York Development Co., Branson, Mo.

PLEASANT HOMES IN MISSOURI OZARKS 80 acres, house, barn, spring; only \$700. I own and control 10,000 acres, any size tract. Easy terms, good water, climate unexcelled. Frank Hays, Ava, Mo.

WHY PAY RENT. when you can buy eighty acres eleven miles out with fifty acres in cultivation, 2-room frame house, barn, outbuildings, spring, rural route, 1 1/2 miles to store, close to school and church. Price only \$1,600; terms; also other bargains. Write for booklet and list; we have the State Fruit, State Poultry Experiment stations, second largest creamery in state. J. A. Wheeler, Mountain Grove, Missouri.

NEW YORK

150 MONEY MAKING NEW YORK farms for sale now at half actual value by McBurney & Co., Bastable Block, Syracuse, N. Y.

MONEY-MAKING FARMS throughout 15 Eastern States; one acre to 1,000 acres, \$10 per acre up; many with livestock and tools included; big illustrated catalogue free. R. A. Strout Farm Agency, Station 20, 47 W. 34th St., New York.

TEXAS

20,000 ACRES for sale; all or part; owned by Ogden Estate. Must be sold at once. Write N. B. Knight, A. Vann, Houston, Tex.

COLORADO

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

FOR SALE: 320 acre stock and farm ranch, 6 miles from Co. seat; corn making 35 bu. Wheat 25. Price \$10 per acre cash for quick sale. H. J. Maurice, Owner, Eads, Colo.

BIG rush for homestead relinquishments \$5 acre. Deeded rainbelt lands \$15 up. Irrigated land \$60 up. Town lots \$100 up. Easy terms. Colorado Colony Co., Sterling, Colo.

FOR SALE. Sugar beet and winter wheat land, under ditch, close to railroad, in Logan Co., Colo., at \$10 to \$30 per acre. William Tew, Sterling, Colo.

320 A. 10 ml. Yoder; 1/2 ml. school, store and P. O. Adjoining land held at \$25; on line proposed interurban R.R. Price \$12.50. Horace Meloy, Calhan, Colorado.

2000 ACRES

Alfalfa, hogs, cattle. Colorado's best farm. 2 large cement silos. High class buildings, trout lake; sparkling springs. Near Colo. Springs, R. R. 1 mile. Low price. Free book. Keen Bros., Owners, Pueblo, Colo.

MICHIGAN

A POSTAL to Hanson & Son, Hart, Mich., brings farm list in best county.

MINNESOTA

500 IMPROVED FARMS in the famous Red River Valley, Minnesota, from \$40 to \$100 per a. 10,000 acres of cut-over lands in Pine County, from \$15 to \$25 per acre in tracts to suit, on very easy terms. Crop failure unknown to the oldest inhabitant. Thousands of sturdy homeseekers are pouring into Minnesota. "The land of the golden grain." Call on or write W. J. Westfall Land Co., 740 Plymouth Bldg., Minneapolis, Minn., of the Minnesota Farm Lands Ass'n.

FARM LOANS

FARM AND CITY MORTGAGES a specialty. Write us if you wish to borrow. Perkins & Co., Lawrence, Kan.

FARM LOANS, Missouri, Kansas, Oklahoma and Arkansas, low rates, liberal privileges, most favorable terms. No delay. You get all you borrow.

The Deming Investment Co., Oswego, Kan. Branch offices: Wichita, Kan.; Oklahoma City, Muskogee, Durant, Okla.; Little Rock, Ark.

FOR SALE OR EXCHANGE

TRADES EVERYWHERE. Exchange book free. Bersie Agency, El Dorado, Kan.

FARMS and land to exch. for mdse. or income property. C. L. Kraft, Little Rock, Ark.

240 ACRES all bottom land, well imp., to trade. Youngs Realty Co., Howard, Kan.

FOR SALE, rent or exchange; well improved 80. Neodesha 3 mi. John Deer, Neodesha, Kas.

E. KANSAS farms in Catholic settlements. Exc. Frank Kratzberg, Jr., Greeley, Kan.

IMP. FARMS, some in Catholic settlement. Exc. Severn & Hattick, Williamsburg, Kan.

BEST exchange book in U. S. 1,000 nonsect trades. Graham Bros., Eldorado, Kan.

HEADQUARTERS for best wheat and alfalfa lands in Kansas; will exchange and assume. Jones Land Co., Sylvia, Kansas.

BIGHAM & OCHILTREE sell and trade best corn, alfalfa, wheat land in U. S. Write for list. 116 N. 8th, St. Joseph, Mo.

SEVERAL good houses to trade for livestock, for land or payment on land. Houses within 2 blocks of Agricultural College. Mrs. N. Ball, 1011 Remington Ave., Ft. Collins, Col.

FOR SALE OR EXCHANGE. Hardware, implements and furniture, invoice about \$10,400.00, fine clean stock and doing a good business and well located. Sales about \$30,000.00 per year. Property with stock price and clear \$9,000.00. Will exchange for good farm the above stock and property. Will not consider inflated price or poor farm. H. Clay Bowsher, 4050 Broadway, Kansas City, Mo.

FOR SALE OR EXCHANGE. Fine body of land 327 acres in Garfield Co., Okla., four miles from railroad station about 14 miles north of Enid, about 175 acres in wheat, half to go with farm. About 240 acres under plow, balance in grass, no rock and farm almost level, in a fine neighborhood and fine country, fine wheat farm. Country and farm would suit you. I know this farm well. Farm too large for owner. Will take a small farm or some town property as part. Price only \$50.00 per acre. Mortgaged for \$5500.00 and \$2400.00 long time. H. Clay Bowsher, 4050 Broadway, Kansas City, Mo.

HUTCHINSON RESIDENCE, nice five room, modern, pays 10%. Hugh Conner, Hutchinson, Kan.

FINE ALFALFA, wheat, corn and pasture land for sale or trade, cheap. Write L. S. Hoover, Eureka, Kan.

FOR TRADE: Two cottages, Stafford, Kan. close in, for clean stock groceries. G. W. Alford, Hutchinson, Kansas.

CASH AND IMPROVED 120 a. worth \$60 to trade for creek bottom farm about same size in Eastern Kansas. Nice 80 worth \$4000 to trade for N. W. Ark. land. D. H. Wallingford, Mound Valley, Kan.

LAND and mdse for sale or exchange. Co-operative Realty Co., Humansville, Mo.

IMPROVED and unimproved farms and ranches for sale or trade. Send for list. Bader & Webster, Junction City, Kan.

THREE "modern" rental properties in Winfield, Kan., near colleges; photos; also good farm in central Okla., all for ranch. Littleton, 0120 Mass. St., Winfield, Kan.

80 ACRE FARM, Howell county, Missouri, for sale cheap. Farms, city property and merchandise everywhere for sale and exchange. Write us your wants. J. W. Brown, State Savings Trust Co., Springfield, Mo.

TO EXCHANGE QUICK for mdse. General stock preferred. 720 a. of all smooth, unimproved land located in Lane Co., Kan. No better soil in the state. Approximate value \$21 per a. I have all kinds of wheat and alfalfa land for sale. Address C. F. Edwards, Ness City, Kansas.

160 A. 4 1/2 ml. Soldier, Kan. All in cultivation; 4 r. house, small barn, good well; land lays good. Price \$12,000, mtg. \$5000 at 6%. Owner will trade equity for stock of mdse. 160 a. in Sheridan Co., 50 in cult., bal. grass. 3 1/2 ml. from Guy. \$3200, mtg. \$750; will trade equity for rental property. N. Rasmus, Wetmore, Kan.

IMPROVED 320 A., 8 miles S. E. Hennessey, Okla., Kingfisher Co. All fenced; 50 a. hog tight. 225 acres in cultivation, bal. pasture. 100 a. wheat, 15 a. timber. Fruits. Price \$13,000. Mtg. \$3,000, 6%, 1918. Will sell or will trade equity for good improved 160 acres or for cheaper western land clear. W. L. F. Malaby, Owner. Rural Route 6, Hennessey, Okla.

FOR SALE OR EXCHANGE. A splendid shallow water relinquishment. A bearing vineyard, good bearing orchard. A 320 acre irrigated alfalfa farm must be disposed of on account of mortgage. Olney Realty Co., Olney Springs, Colo.

TRADE YOUR SHORTHORNS FOR LAND. We have several good farms both improved and unimproved, priced to sell and will accept registered Shorthorn cattle as part or whole pay. If interested write today for description of land. Jacob C. Good, Owner, Chickasha, Okla.

360 A. fine valley land well located, splendid stock and grain farm, about 30 a. fine timber, no rock or gravel. Price for quick sale \$61 per acre.

120 a. 3 1/2 ml. Ottawa, good buildings, good soil, splendid water, fine shade, yard, beautiful home proposition. Priced right for immediate sale. Write for free booklet describing farm bargains. Mansfield Land Company, Ottawa, Kansas.

Homes in the Ozarks

160, well improved, \$2400. 120, well impr., \$1200. 40 a. well improved, \$600. 4400 acres best unimproved land in state for sale cheap or exchange. Write us for lists and particulars. Ozark Realty Co., Ava, Mo.

Suggestions For Vaccination

That the careless use of anti-hog cholera serum has caused much damage is the opinion of the State Veterinarian, Dr. F. S. Schoenleber of the Kansas Agricultural college. Dr. Schoenleber makes these suggestions which should be observed in the treatment of hogs with serum and virus for permanent immunity against cholera:

Serum alone will not injure a healthy hog. Virus should not be used on pigs weighing less than 50 pounds. It should not be used on pregnant sows, suckling pigs or animals suffering from any disease; and further, it should not be used if the animals are infested with parasites or if the surroundings are not sanitary. In such cases serum alone should be used until such time when the conditions are right. It might be necessary to use a second application of the serum before giving the simultaneous treatment. While it is possible in many of these instances to use serum and virus successfully without loss our experience has shown that at times great losses are incurred.

Anti-hog cholera serum is used as a preventive only and it will prevent no disease other than cholera. If cholera is in the herd, virus may increase the trouble. In this instance serum alone should be used and when the animals are in normal condition again the simultaneous

SOUTH AMERICA.

YOU CAN GET free ranch in South America by assisting in paying expenses to secure million acre concession. Rich soil, fine climate. Highest references. Map 25c. Box 498, Sawtelle, Calif.

ARKANSAS

GOOD ALFALFA, corn and stock farm for sale. T. F. Chrane, Gravette, Ark.

FOR CHEAP CORN, alfalfa and truck farms write W. L. Perkins, Ashdown, Ark.

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

ALFALFA, cotton and corn farms. Easy terms. S. P. Thompson, Marked Tree, Ark.

800 ACRE RICE FARM, equipped, \$35,000. Holman Real Estate Co., Little Rock, Ark.

200 A. impr. Part valley, 60 a. cult., 2 1/2 ml. railroad. \$20.00 acre. Terms. C. L. Kraft, Little Rock, Ark.

NEW RAILROAD, new town, cheap lands in the Ozarks. For information write C. C. Feemster, Immigrant Agent for the Ozarks Railway Co., Mountain Home, Ark.

160 A. black sandy loam, 1/2 in cultivation. Grow corn, wheat, oats, alfalfa, cotton. \$40 acre. Pike and railroad. Polk Real Estate Co., Little Rock, Ark.

800 ACRES in Yell County, Ark., upland, 100 in cult.; all good grass land. Close in. Ideal for stock raising. Price \$3200. P. H. Thompson, Ft. Smith, Ark.

478 A. STOCK and grain farm, 100 bottom cultivated, houses, barns; water power. \$10.00, terms. Farm list free. Ward, The Land Man, Mtn. Home, Ark.

WRITE FOR FREE "WARRANTY DEED" of farm bargains, improved, \$4.00 per acre and up. New Home Land Co., Opposite Union Station, Little Rock, Ark.

167 A., 85 a. cult., 30 can be cult., little stone, bal. timber and grazing; good orchard, good spring. Well imp. 4 ml. town of 1400. W. J. Copp, Calico Rock, Ark.

1000 ACRES splendid land, Drew County, Ark., 5 miles from town; no rocks, wasted land nor overflow. Excellent stock proposition. \$25 per acre. Terms. L. P. Coleman, Little Rock, Ark.

ARKANSAS—5,000 acres, fine level valley land; any size tract \$6 to \$12 per acre; third cash, bal. 9 yearly payments. Write for literature. Shaeffer Land Company, 641 Reserve Bank Bldg., Kansas City, Mo.

FARMS as low as \$5 and \$10 per acre, located at the foot hills of the Ozark Mountains, in Independence Co., Ark. Description sent for the asking. Wright Half-acre Real Estate Co., Batesville, Ark.

880 ACRES, near Little Rock, 80 cultivated; rich, level land. 3 1/2 ml. school, graded road. 200 a. fenced; some timber. Land has produced 80 bu. corn per a. \$11.50 per acre. Terms. Dr. Strangways, Little Rock, Ark.

320 ACRES WELL IMPROVED. 6 miles of Clarksville, the county seat of Johnson Co., Ark. All under fence, about all in cultivation, 3 sets houses, barns; 3 fine ever-flowing springs; ideal grass and farming land. Good for stock farm. Price for quick sale, \$4,000. M. S. Park, Clarksville, Ark.

WE PAY RAILROAD FARE To Arkansas special land sale. Sell 40 a. or more. 14,000 a. in tract. Good level land, near large city. Good market, railroad, automobile pike. No rock, no swamps; very healthy. \$10 per a., easy terms. Refund money paid any time during purchase period if dissatisfied, or will loan purchase money 3 years 6% int. for improving land. Bank guarantees fulfillment of contract. Alexander & Son, Little Rock, Ark.

Arkansas 160 acre farm, 40 a. in grass. One 4 room house. 1 1/2 ml. from town. Every acre can be cultivated. \$7.50 acre. Clowdis Land Co., Ashdown, Ark.

ous method may be applied. If the temperature of the animal is high, no matter from what cause, virus increases the fever, which may kill the animal. When hogs are infested with parasites their vitality naturally is reduced and the use of virus may kill them. The same results may come when the surroundings are unsanitary. If a pig weighing 50 pounds is vaccinated by the simultaneous treatment the immunity may not last. It is always advisable to use the serum alone under all doubtful conditions, and if permanent immunity is desired the virus and serum may be given after the unfavorable conditions are corrected.

November Institutes

This series of farmers' institutes is to be held during November as announced by Edward C. Johnson, dean, division of extension, Kansas State Agricultural college, Manhattan:

Nov. 1-2, Beloit; 3-4, Wayne; 5-6, Clifton; 8, Linn; 9, Barnes; 10-11, Blue Rapids; 12-13, Junction City. Speakers: Carl P. Thompson and Miss Stella Mather. Nov. 11-12, Wellington. Speakers, first day, P. E. Crabtree and H. J. Umberger and domestic science lecturer. Second day, George O. Greene and G. E. Thompson.

Nov. 11-12, South Haven. Speakers, first day, George O. Greene and G. E. Thompson; second day, J. C. Holmes and H. J. Umberger.

Nov. 2-3, Conway Springs. Speakers: F. P. Lane and P. E. Crabtree. Nov. 1, Anson; 3-4, Argonia; 5-6, Roma. Speakers: P. E. Crabtree and domestic science lecturer.

Nov. 8, Cedarvale; 9, Dexter. P. E. Crabtree and J. C. Holmes. Nov. 10, Geuda Springs; 12, Augusta; 13, Potwin. P. E. Crabtree and domestic science lecturer.

Nov. 1, Valley Center; 3-4, Arkansas City; 5, Harper; 6, Kiowa; 8-9, Anthony; 10, Mulvane; 12-13, Garnett. Speakers: George O. Greene and G. E. Thompson.

Nov. 1, Allen; 2, Admire; 3, Miller; 5-6, Emporia; 8, Spring Hill; 9, Black Jack; 10, Pomona; 12-13, Garnett. Speakers: Otis E. Hall first three days; M. G. Burton at Emporia; Ross M. Sherwood last week; Miss Alice Poulter, entire circuit.

Nov. 1, Fontana; 2, Bucyrus; 3, Osawatomie; 4, Leavenworth; 5-6, Paola; 8-9, Burlington; 10, Wakarusa; 11-12, Dover; 13, Perry. Speakers: Ross M. Sherwood and O. C. Hagans, first week, also Miss Marion P. Broughton; W. S. Gearhart and Dr. C. A. Pyle, last week.

Oct. 28-29, McCune; 30, Oswego; Nov. 2, Columbus; 31, Girard; 5-6, Fort Scott; 8-9, Ottawa; 10, Fairview school house; 11, Meriden. Speakers: Carl G. Elling and Miss Louise Caldwell.

Oct. 27-28, Delphos. Speakers: P. E. Crabtree and Miss Frances L. Brown.

Books Received

"Beekeeping," by Everett Franklin Phillips, is a new book full of valuable information for persons who keep only a few colonies of bees as well as for those who make a business of honey production. The author is in charge of the bee culture investigations of the Bureau of Entomology, United States Department of Agriculture, and knows his subject thoroughly. Apparatus, methods of control and management of colonies, production and marketing of honey, bee diseases and enemies are among the many points discussed. The life history and body structure of bees are explained fully and clearly. "Beekeeping" is published by the MacMillan Company, 66 Fifth Avenue, New York City. The price is \$2.

"Amazing Grace," by Kate Trimble Sharber, is the story of a fascinating young newspaper woman whose actions were constantly surprising her conservative mother and friends. A bundle of old love letters written to a famous artist ancestor comes into her possession and proves to have an interesting connection with her own romance. The little book will make good reading for the long winter evenings. "Amazing Grace" is published by the Bobbs-Merrill Company, Indianapolis. Price \$1.

"Whitaker's Dukedom," by Edgar Jepson, is a novel with the plot founded upon a case of double identity. By a fortunate accident Whitaker finds the opportunity to impersonate the Duke of Lanchester, and his adventures in his assumed character make entertaining reading though the moral issue is not met in a manner satisfactory to the average reader. "Whitaker's Dukedom" is published by the Bobbs-Merrill Company, Indianapolis. Price 50 cents.

Cholly (to shopman)—I say—aw—could you take that yellow tie with the pink spots out of the show-window for me?

Shopman—Certainly, sir. Pleased to take anything out of the window any time, sir.

Cholly—Thanks, awfly. The beastly thing bothers me every time I pass. Good mawning.—Christian Register.

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and West Okla., 614 So. Water St., Wichita, Kan.
John W. Johnson, N. Kansas and S. Nebraska, 320 Lincoln St., Topeka, Kan.
Ed R. Dorsey, North Missouri, Iowa and Illinois, Cameron, Mo.
Jesse R. Johnson, Nebraska, 1937 South 16th St., Lincoln, Neb.
C. H. Hay, S. E. Kan., So. Mo. and E. Okla., 4204 Windsor Ave., Kansas City, Mo.

PUREBRED STOCK SALES.

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

Jacks and Jennets.

Oct. 25—P. H. Summers, Callao, Mo.
Nov. 6—J. W. Strahan, Hiawatha, Kan.
Nov. 15—W. H. Romjue, Atlanta, Mo.
Nov. 23—Hutchins & Hineman, Sterling, Kan.

Percheron Horses.

Nov. 3—L. W. Peters, Richards, Mo.
Nov. 10—H. L. Harvey, Kincaid, Kan.
Dec. 1—J. C. Robinson, Towanda, Kan.

Percherons and Other Draft Breeds.

Jan. 25, 26, 27, 28—Breeders' Sale Co., Bloomington, Ill.; C. W. Hurt, Mgr., Arrowsmith, Ill.

Shorthorn Cattle.

Oct. 27—Henry H. Kuper, Humboldt, Neb.
Oct. 28—E. E. Dowell & Son, Hiawatha, Kan.
Nov. 9—Park E. Salter, Augusta, Kan.
Jan. 20—Richard Roenigk, Morganville, Kan., at Clay Center, Kan.
Feb. 5—Frank Uhlig, Falls City, Neb.
March 23—Ben Lyne, Oak Hill, Kan., Abilene, Kan.

Holstein Cattle.

Nov. 17—J. U. Howe, Wichita, Kan.
Nov. 18—Mott & Seaborn, Herington, Kan.
Dec. 16—John Weinert, Falls City, Neb.

Herdford Cattle.

Oct. 25-26—W. I. Bowman & Co., Ness City, Kan.

Aberdeen Angus Cattle.

Nov. 11—G. A. Gillespie, Rose, Kan.

Poland China Hogs.

Oct. 26—W. F. Fulton, Waterville, Kan.
Oct. 27—Fred G. Laptad, Lawrence, Kan.
Oct. 27—Albert Smith & Sons, Superior, Neb.
Oct. 28—J. E. Durbin, King City, Mo.
Oct. 29—J. D. Gurthel, Patonsburg, Mo.
Oct. 30—J. F. Foley, Oronoque, Kan., sale at Norton, Kan.
Nov. 3—Chas. M. Scott, Hiawatha, Kan.
Nov. 3—J. L. Griffiths, Riley, Kan.
Nov. 4—J. J. Hartman, Elmo, Kan.
Nov. 9—W. R. Webb, Bendena, Kan.
Nov. 11—Edward Welter, Flush, Kan.
Nov. 19—O. B. Clemetson, Holton, Kan.
Jan. 18—D. C. Longman, Florence, Neb.
Jan. 21—A. F. Blinde and Geo. Brown, sale at Auburn, Neb.
Jan. 25—A. J. Swingle, Leonardville, Kan.
Jan. 26—J. L. Griffiths, Riley, Kan.
Jan. 28—S. E. Walt, Blue Mound, Kan.
Feb. 2—Frazier Bros., Waco, Neb.
Feb. 3—H. J. Beall and Wisel Bros., Roca, Neb.
Feb. 4—J. A. Godman, Devon, Kan.
Feb. 11—S. A. Nelson & Sons, Malcolm, Neb.
Feb. 15—K. S. A. C., Manhattan, Kan.
Feb. 16—Ed Sheehy, Hume, Mo.
Feb. 16—Herman Groninger & Sons, Bendena, Kan.
Feb. 17—H. C. Graner, Lancaster, Kan.
Feb. 18—H. B. Walter, Effingham, Kan.
Feb. 18—J. H. Harter, Westmoreland, Kan.
Feb. 23—F. E. Moore & Sons, Gardner, Kan.
Feb. 25—A. J. Erhart & Sons, Ness City, Kan.
Feb. 27—Ben Anderson, Lawrence, Kan.
Feb. 29—E. M. Wade, Burlington, Kan.
March 23—Ben Lyne, Oak Hill, Kan., Abilene, Kan.

Spotted Poland China Hogs.

Nov. 2—Alfred Carlson, Cleburne, Kan.

Duroc-Jersey Hogs.

Oct. 27—Fred G. Laptad, Lawrence, Kan.
Oct. 27—J. A. Weishar, Elmo, Kan. (Dillon P. O.)
Oct. 28—Robt. C. Iles, Everest, Kan.
Nov. 3—Martin Kelley, Verdon, Neb.
Nov. 17—J. U. Howe, Wichita, Kan.
Nov. 17—Mott & Seaborn, Herington, Kan.
Dec. 15—John O. Hunt, Marysville, Kan.
Jan. 24—Geo. Briggs & Sons, Clay Center, Neb.
Jan. 25—J. C. Boyd, Virginia, Neb.
Feb. 2—Martin Kelly, Verdon, Neb.
Feb. 4—W. M. Putman, Tecumseh, Neb.
Feb. 6—J. H. Proett & Son, Alexandria, Neb.
Feb. 15—K. S. A. C., Manhattan, Kan.
Feb. 23—R. W. Baldwin, Conway, Kan.
Feb. 24—J. M. Layton, Irving, Kan.

Chester White Hogs.

Feb. 24—J. M. Layton, Irving, Kan.

S. W. Kansas and W. Oklahoma

BY A. B. HUNTER.

W. O. Hazlewood, Wichita, Kan., has the finest lot of Berkshire pigs he ever raised. He is offering the tops from over 90 head of last spring's farrow and can sell you pairs and trios unrelated. They are strong in the blood of Masterpiece and Big Crusader, two noted sires. He also has a few big, handsome fall yearling gilts that are bred for fall litters, that he is pricing reasonably. Write him your wants today. —Advertisement.

Buy These Big Polands.

A. R. Enos, Ramona, Kan., has as good large type hogs as can be found in his part of Kansas and they are the kind that breeders and farmers should have for breed-

ing purposes. Orphan Chief and Mastodon King have a wonderful showing of both size and quality in this herd. They are the kind that will please whoever buys them and they are priced so any farmer can afford to buy. Write your wants, mentioning Farmers Mail and Breeze.—Advertisement.

Salter's Shorthorn Sale.

Park E. Salter, Augusta, Kan., will sell at auction, Tuesday, November 9, 30 head of registered Shorthorns, mostly Scotch or Scotch topped. The offering will consist of 13 cows bred to Good Choice, a good breeding son of the noted Choice Goods, and five coming 2-year-old heifers recently bred to this same sire. Included will also be eight young bulls, three yearlings, by a son of Geneva Duke 2d and five bull calves 3 to 7 months old, by Good Choice, out of good producing dams. This is an unpampered offering of useful breeding animals and the best that Mr. Salter has ever offered. Do not forget the date and send today for catalog, mentioning Farmers Mail and Breeze.—Advertisement.

Baldwin's Duroc-Jersey Hogs.

R. W. Baldwin of Conway, Kan., has been advertising his Duroc-Jerseys in Farmers Mail and Breeze for several years. He has sold lots of hogs through these ads and has many pleased customers. At present he is offering 22 young boars at \$15 each. These pigs are so even that you could scarcely pick the same one twice. They are all sired by Bell the Boy, first prize winner at Kansas State Fair, Tennessee State Fair and Interstate Fair in 1914. He also has about 100 gilts sired by the same boar that are bred for February and March farrow, on which he is making the very low price of \$25 each. These gilts are bred to Model Top Again, a prize winner at the Hutchinson and Topeka state fairs this year. Mr. Baldwin has about 60 tried sows which have litters or will farrow soon. These pigs are all for sale at very reasonable prices. Most of them are sired by Bell the Boy. All of the stock offered by Mr. Baldwin is offered at bargain prices but the greatest bargains offered at this time are the Bell the Boy gilts bred to Model Top Again. Model Top Again is not only good enough to win in the state fairs but he is of exceptionally fine breeding and is a peach for color and style. The following is a letter picked at random from the great number of the same kind which Mr. Baldwin has received: "New Cambria, Kan. Mr. R. W. Baldwin, Conway, Kan. Dear Sir—I see your ad in Farmers Mail and Breeze offering spring boars. About what will these pigs weigh? I bought one from you last year and he did me lots of good. I would like one not related to him. Write me at once and oblige.—Henry Stein." Interested readers should write Mr. Baldwin at once, mentioning Farmers Mail and Breeze.—Advertisement.

N. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

Andrew Kosar, Delphos, Kan., offers a choice Poland China fall boar and one of March 25 farrow that is a dandy. The March boar was sired by Hercules 2d. Mr. Kosar also has a few choice last spring gilts that he will hold and breed to your order for spring farrow. Also some summer and fall pigs he will price right. Address him at Delphos, Kan.—Advertisement.

In this issue F. B. Wempe, Frankfort, Kan., offers registered Hampshire boars and gilts at attractive prices. He will sell pairs not related. Mr. Wempe raised a nice lot of late spring pigs and they have been well grown and are an exceptionally choice lot of young boars and gilts. Write him for prices on a boar or gilt or a pair not related. Look up his advertisement in the Marshall county breeders' advertising section.—Advertisement.

March Poland China Boars.

John Coleman, Denison, Kan., has a lot of choice March boars for sale at private treaty. They will be priced as usual at very reasonable prices. He does not make public sales but prefers to furnish old and new customers boars and gilts at private sale. His Polands are of strictly big type and have been carefully handled. Write him for prices and descriptions today. He will be glad to hear from you and you will get a prompt reply and reliable treatment.—Advertisement.

Attend This Duroc Sale.

This is the last call for the Robert C. Iles Duroc-Jersey sale at Everest, Kan. Friday, October 29. The sale will be held at the farm 1 mile south of Pierce Junction. The farm is also about 3 miles south of Everest. Everyone should come to Pierce Junction where the best of connections are made for all directions. Twenty boars and 20 gilts of March and April farrow will be sold. Look up the advertisement in this issue of the Farmers Mail and Breeze. Bids may be sent to J. W. Johnson in care of Mr. Iles, Everest, Kan., and they will be carefully looked after.—Advertisement.

Spotted Poland China Sale.

Alfred Carlson, Cleburne, Kan., will sell a draft from his herd of original big spotted Poland Chinas at his farm near Cleburne, Tuesday, November 2. Fifty head go in the sale, consisting of 21 spring gilts, nine fall gilts and 16 spring boars. Also four tried sows as attractions. The boars are ready for service and in fact everything in the sale is attractive. Mr. Carlson has one of the largest herds of original big spotted Poland Chinas in Kansas and has bought liberally from at least three well known Missouri herds in building up his foundation herd. He is a first class hog man and is thoroughly reliable and a mighty good man to patronize. You will get just what you buy and will be treated right in every particular. The breeding is up to date and everything is well grown. Nothing will go in this sale that is not

flight from a breeding standpoint. You can come to Manhattan and up on the motor in the morning and back in the evening and make good connections at Manhattan. Cleburne is just north of Manhattan on the Blue Valley Branch of the Union Pacific. Bids sent to J. W. Johnson should be sent in care of Mr. Carlson at Cleburne, Kan.—Advertisement.

Groninger's Annual Fall Sale.

This is the last call for Herman Groninger & Sons' big annual Poland China boar and gilt sale. The sale will be held at the farm near Denton on the Rock Island and Everest on the Grand Island. Free conveyance from both places. The sale will be held next Tuesday, the 26th. You can send bids to J. W. Johnson in care of the Groningers at Bendena, Kan. The offering is unusually good this fall and it is going to be a mighty good place to buy your herd boar. Everything included with \$44. Write or wire bids to J. W. Johnson if you can't come.—Advertisement.

Keep This Sale in Mind.

O. B. Clemetson, Holton, Kan., has postponed his Poland China boar and gilt sale to November 19. There were a few buyers out but because of the condition of the roads and the fact that there was a fair at Valley Falls and a stock show at Denison the buyers were not there in sufficient numbers to warrant Mr. Clemetson starting his sale and he postponed it until the date mentioned above. The offering was extra good and will be found one of the really good offerings of the season on the above date. Preserve your catalog or write for another and come to the sale. Come to Holton and stop at the Southern hotel and phone Mr. Clemetson.—Advertisement.

Shorthorn Dispersion Sale.

This is the last call for E. E. Dowell & Son's dispersion sale of Shorthorn cattle, at Hiawatha, Kan., Thursday, October 28. It is the day following the Henry Kuper Shorthorn sale at Humboldt, Neb., and both sales can be attended very conveniently. The Dowells are making this sale to close up a partnership and their entire herd of Shorthorns goes on this date. This sale will be held in town in a comfortable pavilion. It is a herd of Shorthorns that these gentlemen have bought and reserved and is a good, useful lot of cows, heifers and young bulls, including the herd bull, Prince Imperial. Look up the advertisement in this issue of the Farmers Mail and Breeze and arrange to attend the sale.—Advertisement.

A Great Herd Bull.

S. B. Amcoats, Clay Center, Kan., is offering for sale his Shorthorn herd bull, Secret's Sultan, that he bought of Bellows Brothers, when he was 2 years old. They had used him and now Mr. Amcoats is reserving 15 of his heifers and thinks it is best to sell him as he does not care to keep two herd bulls of this class. He is

Farmers Mail and Breeze Pays Advertisers

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—I am having great results from my advertisement.

Yours very truly,

Breeder of O. I. C. Hogs.

A. G. COOK,
Capper Publications, Topeka, Kan.
Gentlemen—Your papers have proved very satisfactory and I will still run my advertising as long as I get results as in the past. Yours very truly,
T. H. NORRIS,
Real Estate Dealer,
Ava, Mo., Oct. 5, 1916.

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

Registered Percheron Stallions

big frame, lots of bone. Five 2200 pound coming 5 year olds, 13 coming 4's, 32 coming 3's, 17 coming 2's. Well fed and offered at growers' prices. Sound and from good stock. Grandsons twice International Champion FINK and from BESIGUE mares. 20 young registered mares for sale. Just above Kansas City.
FRED CHANDLER PERCHERON RANCH, R. 7, CHARITON, IOWA.

Closing Out Sale of Holstein Cattle

Lawrence, Kan., Tuesday, Oct. 26

Consisting of 40 high grade Milk Cows, 20 head of young cattle and one registered bull, 2 years old. Take street cars at depot for Breezedale where transportation will be furnished to the farm.

GEO. F. DERBY, Lawrence, Kansas

Shorthorn Dispersion Sale

120 Head of Reds, Whites and Roans

will be sold, at public auction, by E. R. Morgan, for the United States Gypsum Company, with which firm Mr. Morgan is now connected, at the farm adjoining

Blue Rapids, Kansas, Monday, November 8

94 females and 29 bulls will be included. 73 cows are of breeding age, some with calves at foot, others safe in calf. 6 yearling heifers by a pure Scotch bull; 12 heifer calves; 6 two-year-old bulls, by Gloster's Chief 4th; 13 yearling bulls by Gloster's Chief and Choice Prince. 9 bull calves by Choice Mist, and the herd bull, Choice Mist by Choice of All. About half of these cattle are pure Scotch, others are Scotch Topped. Write today for catalog.

Address E. R. Morgan, Blue Rapids, Kan.

Herdsmen—James Stewart. Fieldman—John W. Johnson.
Auctioneers—Fred Reppert, L. R. Brady, J. T. McCulloch.

LIVESTOCK AUCTIONEERS.

FLOYD CONDRAY, Stockdale, Kansas
Livestock auctioneer. Write for open dates.

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

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

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

Rule Bros., H. T. & R. D., Ottawa, Kan.
Livestock sales a specialty. Write for dates.

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

Learn Auctioneering
At World's Original and Greatest School and become independent with no capital invested. Every branch of the business taught in five weeks. Write today for free catalog. JONES NATIONAL SCHOOL OF AUCTIONEERING, Carey M. Jones, Pres., 50 N. Sacramento Blvd., Chicago, Ill.

Be an Auctioneer

Travel over the country and make big money. No other profession can be learned so quickly, that will pay as big wages.

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

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

GALLOWAYS.

CAPITAL VIEW GALLOWAYS
Bulls from 6 months to 2 years; also a few females of modern and quick maturing type.
G. E. Clark, Topeka, Kan.

HEREFORDS.

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

Blue Valley Breeding Farm
HEREFORDS POLAND CHINAS
BARED ROCKS
25 bulls, 6 to 20 months, at \$75 to \$100, laid down at your station in Kansas. 50 cows and heifers for sale. Address
Fred R. Cottrell, Irving, Kansas
(Marshall County.)

HORSES.

HOME-BRED PERCHERON, BELGIAN, SHIRE
Stallions and mares for sale at \$250 to \$400 each except two. Also Imported Stallions. Frank L. Stream, Creston, Iowa



red and weighs at the present time over 2,300 pounds. He is a splendid individual and a wonderful breeder. He will be sold fully guaranteed in every respect. He is kind and gentle and 5 years old. This offer should be investigated at once by anyone wanting a really great herd bull at an attractive price. Look up Mr. Amcoat's advertisement in this issue of the Farmers Mail and Breeze.—Advertisement.

Big Duroc-Jersey Sale.

This is the last call for the J. A. Welshar Duroc-Jersey sale which will be held next Wednesday at the farm, which is near Elmo, Kan. He gets his mail at Dillon, but he is near Elmo. The farm is 13 miles south of Abilene and breeders stopping at Abilene should register as guests of Mr. Welshar at the National hotel and autos will take them out and return them free of charge. Two hundred and fifty head of registered Duroc-Jerseys for sale. It is a rare opportunity for the Duroc-Jersey buyer. Fifty cattle, 2,000 bushels of corn, a lot of good horses, 15 tons of prairie hay and other property will be sold. The sale will commence promptly at 10 o'clock a. m. You should go to either Elmo or Abilene and phone to the farm.—Advertisement.

Fulton's Sale Postponed.

W. F. Fulton's big Poland China dispersion sale which was to have been held at Waterville, Kan., last Wednesday had to be postponed because of the heavy rain the day and night before. It was impossible to run autos and going of any kind was almost stopped. There was quite a nice little crowd out but as Mr. Fulton was selling his entire herd of 75 head and because of the high quality of the offering from a breeder's standpoint, he decided that the thing to do was to postpone it. Tuesday, October 26, is the date. Remember this date and arrange to attend. Keep the catalog you have or write for one and look up the advertisement in the Mail and Breeze of October 2 and 9.—Advertisement.

Hunt's Duroc-Jersey Boars.

John O. Hunt, Marysville, Kan., will hold a dispersion sale of Duroc-Jerseys at his farm December 15. In this sale he will sell all of his herd and also some choice fall pigs. This sale will mark the closing out of this great Duroc-Jersey herd as Mr. Hunt has rented his farm and will move to Manhattan where the family will reside, at least until their two sons have finished college. In this issue in the Duroc section Mr. Hunt is offering 18 top March boars at private sale. They are extra good and will be priced very reasonably. They are big fellows and smooth. In fact they are the John Hunt kind and you know what that means. Write at once if you need a herd boar. The sale will be advertised in due time in the Farmers Mail and Breeze.—Advertisement.

Morgan Farm Shorthorn Sale.

On November 8, the United States Gypsum Co. will sell the herd of Shorthorn cattle formerly owned by E. R. Morgan of Blue Rapids, Kan. Mr. Morgan is now a member of the above named firm and is making this sale for his company. The cattle will be sold on the Morgan farm, adjoining Blue Rapids. There will be included in this sale 123 cattle, including a large number of cows, some of which will have calves at foot, others safe in calf; yearling heifers and heifer calves; 2-year-old bulls; yearling bulls; bull calves and the herd bull. A large number of these cattle are pure Scotch breeding, others are Scotch topped. This sale will afford the excellent opportunity for either breeders or farmers who want to buy good cattle in useful condition. For catalog address E. R. Morgan, Blue Rapids, Kan.—Advertisement.

Fred Cottrell's Good Stock.

The Blue Valley Breeding Farm, Fred R. Cottrell, proprietor, Irving, Kan., is growing in fame each year because of the great Hereford cattle that are produced there. Mr. Cottrell has been in the Hereford breeding business for over 20 years on this same farm which numbers 800 acres and has what is very likely the largest barn in the state. This barn cost \$5,000 and houses every animal on the farm during the winter months and there are 200 Herefords, alone. Mr. Cottrell starts his card again this week and is offering 75 head of Herefords for sale. There are 25 bulls ranging in ages from 6 to 20 months old. Most of them around 14 and 16 months. Also 50 cows and heifers. These cattle are laid down at your station anywhere in the state at the price quoted. The bulls will be priced at \$75 to \$100 with a few outstanding herd bull prospects a little higher. Poland China hogs are also raised and Mr. Cottrell has a choice lot of March boars for sale. Also about 50 Barred Rock cockerels for sale. Look up the advertisement in this issue.—Advertisement.

Lee Brothers-Cook Holstein Sale.

The Holstein sale advertised by Lee Brothers & Cook of Harveyville, Kan., was held October 7. The entire offering of 65 head was sold in about 2 1/2 hours and made the very satisfactory average of \$72.05. While this price does not seem high and is lower than is usually asked for good Holstein cattle still this price represents a profit to Lee Brothers & Cook and they were perfectly satisfied. This firm is contemplating holding another Holstein sale soon at which time they will sell probably as large or larger offering than was sold in the last sale and the cattle will be high class in every particular. Lee Brothers are the well known Percheron breeders of Harveyville. Many of our readers know them in that connection. The same high class business methods as have characterized their Percheron business will be maintained in their conduct of their Holstein business. Interested readers of the Farmers Mail and Breeze may write Lee Brothers at any time for a description of the coming Holstein offerings. Kindly mention Farmers Mail and Breeze if you write them.—Advertisement.

Hartman's Poland China Sale.

In this issue of the Farmers Mail and Breeze appears the advertisement of J. J. Hartman's annual Poland China sale. In this sale Mr. Hartman will sell 65 Poland China boars and gilts of February, March and April farrow. They were sired by Blue Valley Jr., a half brother to Blue Valley, owned by Thos. F. Walker, Orange Valley, by Blue Valley Orange, and Elmo Valley. The dams are great sows of the big type that he has bought and raised. The entire herd has been vaccinated by an expert.

Everything has had the run of plenty of pasture and has been handled carefully and will be found in most excellent form. The sale will be held at the farm near Elmo, where visitors will be met and returned in time for their trains the same evening. All visitors coming in on trains should register at the Pacific hotel. It is a great chance to buy the best from a Kansas breeder that has developed one of the really strong herds in the state. Write today for the catalog and arrange to come to this sale. Bids sent to J. W. Johnson should be sent in care of J. J. Hartman, Elmo, Kan.—Advertisement.

Webb's Poland China Sale.

W. R. Webb's big Poland China sale at Bendena, Kan., Tuesday, November 9, will prove one of the best offerings of Poland Chinas made this year. It is an offering of big type boars and gilts that will meet with the approval of the most exacting hog man to be found anywhere. They have all been vaccinated with 544 and are in a thrifty, healthy condition. Fifty head go in the sale and will be divided as follows: 24 spring boars, one herd boar (Webb's Blue Valley), 22 spring gilts, two fall gilts and a spring yearling sow. The spring pigs are all of March farrow with the exception of two litters, one February 27 and one April 13. They were sired by Ex. B. 57430, King Wonder 72547, Webb's Blue Valley 67724, Jumbo Ben 72166, and Longfellow Sampson 66636. The two fall yearling gilts and the spring yearling sow were sired by Big Orange Sensation 68438. They are all of big litters and out of sows by well known herd boars of the larger type. There will be three boars by King Wonder, out of Smooth Anna, by Ex. B. Three gilts by the same boar and out of the sow Elg Model, by Webb's Blue Valley, are equally as attractive. In fact the entire offering is one of unusual merit. Look up the advertisement in this issue. Bids may be sent to J. W. Johnson in care of Mr. Webb.—Advertisement.

Annual Boar and Gilt Sale.

In this issue of the Farmers Mail and Breeze appears the advertisement of J. L. Griffiths' annual Poland China boar and gilt sale at his farm near Riley, Kan. In this sale Mr. Griffiths is selling 40 head of boars and gilts. There will be 20 head of each and they are about equally divided between the two great boars, King of Kansas and Long Jumbo Jr. King of Kansas is well and favorably known and is the sire of several noted herd boars over Kansas. Long Jumbo Jr. was the second highest priced boar in the world's record big type litter sold last year and was considered by many the best boar in the litter regardless of price. He has developed wonderfully and has proven himself a really great sire. In this sale there are many attractions worthy of mention. Among them is a great herd boar prospect by King of Kansas and out of Lady Wonder 4th. Also three crackers by Long Jumbo Jr., out of Quality Wonder 2d. Also four great gilts out of a litter by King of Kansas. It is an offering that has been growing right along without pushing and one that is honest and right in every particular. They are ready for business and the breeding back of the entire offering simply can't be improved upon. Send bids to J. W. Johnson in care of Mr. Griffiths if you can't attend.—Advertisement.

N. Missouri, Iowa and Illinois

BY ED. R. DORSEY.

The stock sale made by George Lewis & Sons at Stahl, Mo., on October 16, resulted in very satisfactory averages. Most of the stock was young and only in breeding condition. The 13 jacks brought \$3,555 and the 10 Jennets \$1,360. The cattle sold well and the draft colt brought \$500, going to B. I. Cooper of Stahl, Mo. Clark Roan of La Plata, Mo., took the highest priced jack in the sale. The highest priced Jennet in this sale went to Mr. Miller of Kirksville, Mo. Col. Gross and Col. Nelson did the selling.—Advertisement.

Hoyt's State Fair Winners.

L. W. Hoyt of Barry, Ill., who is one of the best breeders of jacks, Jennets and Percheron horses in Illinois, has in his 2-year-old jack, Jacob Easter 20949, one of the best known to the breed, having won this season the 2-year-old and grand championship at both Illinois and Missouri State Fairs, something that never has been done by any other 2-year-old jack. It's a world's record. Jacob Easter is perfection in color, has a 35 inch ear, 70 1/2 girth, 9 1/2 shin bone and weighs 1075 pounds. We measured him at the Illinois State Fair and know this measurement to be correct. Mr. Hoyt also owns the imported Percheron stallion Constable 14910, known on both sides of the continent. He is the sire of the two great stallions Etudiant and The Dragon. Neither the horse nor the jack is for sale, but will be retained in Lee Hoyt's good breeding stable at Barry, Pike county, Illinois.—Advertisement.

Nebraska

BY JESSE R. JOHNSON.

No Poland China sale to be held this year deserves more attention than does the Albert Smith & Son sale to be held at the farm near Superior, Neb., Wednesday, October 27. The offering is strong in both boars and gilts. Seventy head are being sold that are the tops from 125 head raised this season. Forty boars to select from and 30 gilts that will make great herd sows when mature. Not a poor one goes in this sale and every one is immune. Bids may be sent to Jesse Johnson in Mr. Smith's care at Superior, Neb.—Advertisement.

Immune Duroc-Jersey Sale.

One of the very best opportunities of the season to buy richly bred immune Durocs of both sexes will be at the Martin Kelly sale to be held Wednesday, November 3. Mr. Kelly lives on a rural route out of Verdon, but the sale will be held at Shubert, Neb., under cover. The offering is an exceptionally strong one and the 30 boars to be sold include some sired by King The Col., Illustrators 2d, and Grand Model Again. Last winter Mr. Kelly was a good buyer at some of the best bred sow sales and the litters from those sales are out of sows bought at these sales. But the best boars in the sale are by his great breeding boar Kelly's Defender, a son of Defender and out of a sow by Superba, by The Pro-

POLLED DURHAMS.

Double Standard Polled DURHAMS
Six yearling bulls. A number of under yearling bulls. 2 good French draft stallions and some jacks. C. M. HOWARD, Hammond, Mo.

HOLSTEIN CATTLE.

Holsteins For Sale high bred registered bulls ready for service. N. S. AMSPACKER, JAMESTOWN, KANSAS.

HOLSTEINS A few choice registered young bulls for sale at prices that are right. Higginbotham Bros., Roseville, Kansas.

Segrist & Stephenson, Holton, Kansas
Prize winning registered Holsteins. Bulls from three months to yearlings for sale. Address as above.

Sunflower Herd Registered Holsteins
50 in herd. Attractive prices on springers, bred cows and heifers. Bull calves. F. J. Searle, Oskaloosa, Kan.

BRAEBURN HOLSTEINS
20 years breeding, with better sires at every change. Write me for bull calves with this backing. E. B. Cowles, Topeka, Kan.

MAPLEWOOD HOLSTEINS
Herd headed by Canary Butter Boy King. You are invited to visit our herd of Holsteins. Write for general information, as to what we have for sale.
Mott & Seaborn, Herington, Kansas

HOLSTEIN CATTLE.

Some of the best Holstein breeding stock can be purchased at the **TREDICO FARM, KINGMAN, KAN.**
PRODUCTION, BREEDING, Tuberculin Tested Herd

Holstein Cattle

Herd headed by a grandson of Pontiac Korndyke. Average record of dam and sire's dam, butter 7 days, 29.4 pounds, 30 days 117.3 pounds. Bull calves for sale from extra good producing dams.
T. M. EWING, INDEPENDENCE, KANSAS

Bonnie Brae Holsteins

90 HEAD. I have an especially nice lot of young cattle to offer at this time, consisting of high grade heifers from 1 1/2 to 3 years, to freshen this fall and winter; young cows from 3 to 5 years old; a few registered females from 2 to 5 years of age, also registered bulls from 6 months to a year old. Why not buy the kind that makes good. I sold the three highest record grade cows for both milk and butterfat in the State of Kansas. Will sell any number.
IRA ROMIG, Station "B", TOPEKA, KANSAS.

PURE BRED HOLSTEINS

Bull calves all sold. We have 10 or 12 high grade cows and heifers that we will sell. These are all first class. Selling to make room for purebreds.

SHULTHIS, ROBINSON & SHULTZ
Independence, Kansas



200—Holsteins—200

I am offering two hundred head of bred and unbred Holstein heifers for sale. They are bred up until practically full bloods. They are from the very best milking strains of these famous dairy cattle. If you want HOLSTEINS see my herd before buying. I can supply you at the right price. Write for prices and descriptions. J. C. Robison, Towanda, Kansas

Girod's Holstein Cattle

REGISTERED OR HIGH GRADE. 250 head to select from. One hundred cows and heifers safe in calf to bulls strong in the blood of the best milking strains. Registered bulls from calves to 24 months old. Bring your dairy cattle expert. The better judge you are of Holsteins, the easier we can deal. They are priced to sell.

Clyde Girod, Towanda, Kansas



HOLSTEIN HEIFERS

Springers, coming 2 and 3 years, single lot or car loads. Also a few registered and high grade bulls, ready for service. Wire, phone or write.

O. E. TORREY, TOWANDA, KANSAS

SHORTHORN CATTLE

100 Head of Cows 70 calves which have run with yearling steers. Can load on Santa Fe or Rock Island.
H. L. MILLS, Ematom Stevens Co., Kansas

Shorthorn Bulls For Sale!
Six heifers, two-year-olds. Reds and roans.
L. M. NOFFSINGER, OSBORNE, KANSAS

Shorthorns 20 bulls and heifers sired by Duchess Searchlight 348529, a 2500 pound-bull, and from cows weighing 1400 to 1600 pounds. Good milkers. Come or write. A. M. Markley, Mound City, Kansas

Herd Bull For Sale

Secret's Sultan (363833), got by Missie's Sultan, by Glenbrook Sultan, by White Hall Sultan. Five yr. old, wt. 2300, in good flesh. We are keeping 15 of his heifers and will sell him fully guaranteed.
S. B. AMCOATS, Clay Center, Kan.

SHORTHORN CATTLE.

Pure Bred Dairy Shorthorns

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

Cattle For Sale 300 head of young cows; years old; 100 yearling steers; 55 calves.
JOE McCUNE, TYRONE, OKLAHOMA

Pearl Herd

Shorthorns

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

C. W. TAYLOR
ABILENE, KANSAS

LOOKABAUGH'S SHORTHORNS

The farmer's cow. Foundation stock that carry the blood of the very best Scotch families. Strong in the blood of the most noted sires of the breed.

300 Head From Which to Select

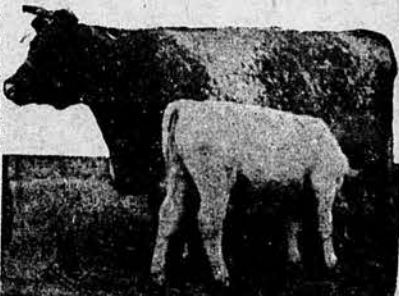
60 Head Must Sell Next 60 Days

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

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

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

H. C. LOOKABAUGH, WATONGA, OKLAHOMA



SHEEP.

100 Three-Year-Old Ewes 100 lambs, 55 ewe bunched to start in the sheep business. The reason for selling, leaving country. J. E. LOCKLIN, McLouth, Kan.

RED POLLED CATTLE.

FOSTER'S RED POLLED CATTLE Write for prices on breeding cattle. C. E. FOSTER, R. R. 4, Eldorado, Kansas.

Pleasant View Stock Farm Red Polled cattle. Choice young bulls and heifers. Prices reasonable. HALLOREN & GAMBRILL, Ottawa, Kansas.

RED POLLED CATTLE

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

Riley County Breeding Farm

75 Red Polls, 45 Percherons

A choice lot of young bulls for sale. 12 of them by a son of Creme, the 18 times champion. Visitors welcome. Farm near town. Address Ed Nickelson, Owner, Leonardville, Kansas.

JERSEY CATTLE.

JERSEYS Car load of better fresh and heavy springers. CHAS. H. REDFIELD, Bucklin, Kan.

QUIVERA PLACE JERSEY CATTLE Duroc-Jerseys. 3 young bulls of choice breeding for sale. Address E. G. MUNSSELL, Hastings, Kansas.

Jersey Cattle Dornwood Farm Chester White Hogs. Bulls and boars for sale. Topeka, Kansas.

LINSOTT JERSEYS

First Register of Merit herd in Kansas. Est. 1878. Oakland Sultan, 1st. Register of Merit sire in Kansas, is dead. Last chance to get one of his daughters, \$150. R. J. LINSOTT, HOLTON, KAN.



The Book of Dairy Books

It's the book, because it's the authority on the breed—the beautiful, ever-paying Jersey.

This book, "About Jersey Cattle," goes way back to the beginning of the breed, shows how it was line bred and protected from mixture by law, and shows why it has developed into the most economic and most persistent milking of all breeds. It gives tests, yields, etc., proving that the Jersey is the money cow—the "Giant of the Dairy."

The book is free but worth a lot. Send a postal for your copy today.

The American Jersey Cattle Club
355 West 23rd Street, New York City

POLAND CHINAS.

Immune Boar on Approval 10 extra choice Poland China boars at \$25 each on approval. Write W. A. McIntosh, Courtland, Kan.

Wiebe's Immune Polands 25 Boars. 30 Gilts. Ship on approval. Have sold in ten states. G. A. WIEBE, BEATRICE, NEB.

BIG TYPE POLAND CHINAS

I will sell choice big boars and gilts at \$20 each, or three not related for \$50. Bred sows \$25 to \$35. Everything is immune and I guarantee absolute satisfaction. ED SNEYDY, NUME, MISSOURI.

Fairview Poland Chinas

For sale: Choice fall boars: fit to head herds. Also select early spring pigs, both sexes. All priced to sell. P. L. WARE & SON, Paola, Kansas

Big Type Poland China Boars

I am offering big, stretchy spring boar pigs at reasonable prices. Some of the best blood in Mo. Come and see them or write E. F. HOCKADAY, PECULIAR, MISSOURI

Elkmore Farm Poland Chinas

Large type blood lines. Herd headed by the thousand pound Elkmore's Jumbo, assisted by O. U. Wonder, by Giant Wonder, by A. Wonder. Breeding stock for sale, reasonable. Fred B. Caldwell, Howard, Kan.

Why Buy a Boar From Me?

Because I sell just the tops and my Polands combine size and quality. No Boly Polys. Neither the rough coated, hard fleshed, slow maturing sort. 25 to select from. Accurate description guaranteed. C. A. LEWIS, BEATRICE, NEBRASKA

Enos Mammoth Polands

3 fall boars; herd headers. 6 of my very best herd sows, bred for early farrow by Mastodon King. 70 spring pigs; best I ever raised, by Orphan Chief and Mastodon King. Size, quality and price just right. Write today. A. R. ENOS, RAMONA, KANSAS

fessor. The dam of Superba was by King Fala Last, making Kelly's Defender one of the richest bred boars to be found. Fully half of the offering is by this boar. They are out of a splendid line of sows, among them daughters of Kelly's Model, by Kelly's Pilot Wonder. Others have the blood of Hogate's Model, Crimson Wonder, the Col. A, etc. Mr. Kelly knows how to feed and is carrying his bunch of boars and gilts along so that they will have plenty of size sale day and their usefulness as breeders will not be impaired. Everything is immune. Write at once for catalog and mention this paper. If unable to come send a bid to Jesse Johnson, in Mr. Kelly's care at Vardon, Neb.—Advertisement.

Last Call for Kuper's Sale.

The Henry H. Kuper Shorthorn sale to be held at Humboldt, Neb., Wednesday, October 27, will afford a most excellent opportunity for the breeders and farmers of Kansas that are in the market for the best. The offering is of straight Scotch breeding and a big per cent of it comes direct from imported bulls and cows. It is the best offering Mr. Kuper has ever put in one of his sales. Feed was never before so plentiful and it looks like an opportune time to lay in a few good females. The bull division is especially strong and anyone in need of a good herd bull should attend this sale by all means and make his selections from one of the best herds in Nebraska.—Advertisement.

Foley Features Iowa Breeding.

Any reader of this paper that wants to buy the blood of noted big Iowa Poland Chinas should get the catalog of the J. F. Foley sale to be held at Norton, Kan., Saturday, October 30. The set of five great boars go in this sale. Among them is the King. Foley has been a buyer of the best for several years, sparing neither time nor money in his efforts to buy outstanding individuality along with the best lines of breeding. Farmers and breeders will consult their best interests by attending this big sale. It will be worth the time and railroad fare just to see them whether in the market to buy or not. Everything is immune and the sale will be held in Norton, Okla. For catalog write J. F. Foley, Cronique, Kan. Bids may be sent to Jesse Johnson in Mr. Foley's care at either Oronoke or Norton.—Advertisement.

Crocker Buys Great Boar.

Adhering to his well established policy of buying hard boars of proven worth from the standpoint of what they produce, F. C. Crocker has made another good buy, buying the great sire and individual Bader's Golden Model, 2d. He is a big, smooth, deep boar. He was sired by Bader's Golden Model, first prize boar in class at Nebraska State Fair in 1912. He is rich in Golden Model breeding and his dam is a granddaughter of King of Oaks. Mr. Crocker will mate this splendid boar with his big, stretchy Dusty Critic 2d gilt. Dusty Critic it will be remembered was the sire of Critic B, the boar that sired the long string of prize winners, including the champion Critic D, at Lincoln this year. This promise to make a nick worth while in the Crocker herd. Mr. Crocker is a regular advertiser in this paper and just now offers 100 immune spring boars at very reasonable prices and every buyer sees his pig before paying for him.—Advertisement.

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

BY C. H. HAY.

Error in Sale Dates.

In last week's issue were two claim dates announcing the sales of H. L. Harvey of Kincaid and L. W. Peters of Richards, Mo. The dates of these sales were given wrong and they should be H. L. Harvey of Kincaid, Kan., November 10, and Mr. Peters of Richards, Mo., November 3.—Advertisement.

Sutton and Porteous Angus Win.

As usual, Sutton & Porteous of Lawrence, Kan., were out at the leading fairs and livestock shows with a bunch of winning doddies. Following is a list of their most important winnings: At Oklahoma, first on aged bull, first on senior bull calf, first on junior bull calf, first on junior heifer calf, first on get of sire, first on breeder's calf, first on champion bull, second on senior heifer calf, third on junior yearling bull and others. At Hutchinson, first on senior bull calf, first on junior bull calf, second on get of sire, second on calf herd, second on aged bull, second on junior heifer calf and others. Parties wishing to buy Angus cattle cannot afford to overlook this herd. See their ad in the Angus column and write them for prices. Please mention the Mail and Breeze when writing.—Advertisement.

French Draft Dispersion.

In other parts of this paper will be found the display ad announcing the dispersion sale of French Draft stallions, mares and colts to be held by L. W. Peters of Richards, Mo., November 3. This sale comes as a result of a sudden change in the business affairs of Mr. Peters. The offering will include 10 stallions, over 3 years old, all well broken to harness, kind, gentle, easy to handle and have proven themselves good breeders. There will be six stud colts under 3 years old; three registered mares with colts by side; two jacks; six grade colts and a span of 3-year-old drivers. We believe it will pay anyone contemplating buying heavy horses, to be at this sale. Coming at this time of year they are sure to sell much lower than they will later in the season. Remember the date is November 3 and the sale will be held at the farm near Richards, Mo. Col. R. L. Harriman of Buncheon, Mo., will do the selling.—Advertisement.

Laptad's Poland-Duroc Sale.

This is the final notice of the good hog sale to be held at the Laptad Stock Farm October 27. The sale will consist of 10 Poland China boars, 10 Duroc boars, 10 Poland China gilts and 10 Duroc gilts. Mr. Laptad is one of the most constructive breeders of the state and is one of the very few men of the West who are making a success of both breeds. A few of the pigs to be sold were shown at the Douglas county fair and all commented on their remarkable smoothness and fine coat of

POLAND CHINAS.

Original Big Spotted Polands

BRED BOAR AND GILT SALE NOV. 2. Top March and April boars and gilts reserved for this sale. Fall pigs, both sexes at private sale. ALFRED CARLSON, CLEBURNE, KAN.

BLOUGH'S BIG POLANDS

I am offering a choice lot of big, growthy, heavy boned boars out of 700 and 800 pound sows of the best big type breeding. At most reasonable prices. Everything guaranteed cholera immune for life. JOHN M. BLOUGH, BUSHONG, KANSAS

BIG BONED POLAND CHINAS

100 early spring pigs by Jumbo Boy, Leon King, Orange Surprise, Ringold King, etc. Also a few bred sows and 2 good herd boars. Guarantee and pedigree accompanies each order. Manchester Bros., Leon, Iowa.

Original Big Spotted Polands

20 March boars—20 March gilts. Tops of 100 head. 15 fall gilts bred or open. The big litter kind. Address R. H. McCUNE, Longford, (Clay Co.) Kan.

Andrew Kosar, Delphos, Kan.

Choice yearling boar, one March boar, extra good and a few choice March gilts bred to your order for spring farrow. Address as above for Poland Chinas

Faulkner's Original Spotted Polands

1000 original spotted Poland China pigs ready for immediate delivery. Highview Stock Farm is the headquarters for the original spotted Poland Chinas and we will more of this breed than any other firm in the world. We are not the originator but the preserver of the original spotted Polands. Write for particulars. E. L. Faulkner, Box B, Jamesport, Mo.

HAMPSHIRE.

Hampshire Hogs The large prolific type, best of breeding. Special prices on young boars. Breeding stock for sale. ROY N. RUTYON, DECATUR, INDIANA

C. J. Drown & Sons, Longford, Kansas. Spring pigs 100 registered Hampshires, all ages, nicely belted, best of breeding, all immune double treatment. Satisfaction guaranteed. Price to sell. WALKER STONE, R. S. Webb, Kan.

POLAND CHINAS.

Spring Boars by King Hadley Large, big-boned, growing smooth kind. Must sell quickly. Write J. M. MYERS, GALVA, KANSAS

Poland Pigs sired by grand champions and out of prize-winning sows. Same breeding I am showing for the San Francisco show. W. Z. BAKER, RICH HILL, MISSOURI

Private Sale

75 big type Poland China boars and gilts of March farrow. Nothing but good ones offered. No public sales. Prices right. Address John Coleman, Denison, Ks. (Jackson County.)

Big Type Polands

Herd headed by the 1,020-pound Big Hadley Jr., grand champion at Hutchinson State Fair, 1915; was also first in class at Topeka and Oklahoma State Fairs. Our herd won more first prizes in the open classes at Oklahoma State Fair than any other Poland China herd. Young stock for sale. A. J. Erhart & Sons, Ness City, Kan.

REGISTERED HAMPSHIRE 100 gilts and 2 boars, all ages. Cholera immune. Description guaranteed. C. E. LOWMY, Oxford, Kan.

Shaw's Hampshires

100 registered Hampshires, all ages, nicely belted, best of breeding, all immune double treatment. Satisfaction guaranteed. Price to sell. WALKER STONE, R. S. Webb, Kan.

The Best Alfalfa Hog in America

The Hampshire hog develops more pounds in a given period than any hog when he has green feed as a part of his ration. FREE LITERATURE AND PROGRESS OF THE HAMPSHIRE BREED. Address E. C. STONE, Secretary, HAMPSHIRE-RECORD 703 E. Nebraska Ave., Peoria, Ill.

Marshall Co. Pure Bred Stock Breeders

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

HEREFORD CATTLE.

Willowbrook Farm Herefords Yearling year-old heifers for sale. Also a couple set of young bulls. B. M. WINTER, IRVING, KANSAS

HEREFORDS—POLANDS Herd established 30 years. 120 Herefords, 90 spring pigs, and 28 bulls, 11 to 15 months old, for sale. S. W. TILLEY, IRVING, KANSAS

Choice Young Bulls For Sale Sired by 84th 80707 and Real Majestic 57085. Write your wants. J. F. SEDLACEK, BLUE RAPIDS, KANSAS

PRESTON HEREFORDS

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

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

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

Home of Parsifal 24th 150 head. about a good herd bull. 25 spring bulls for this fall's trade. C. G. STEELE, BARNES, KANSAS

Hereford Bulls For Sale! 12 spring bulls for the fall trade. For prices and descriptions address, Tom Wallace, Barnes, Kansas

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

Clear Creek Herefords— Choice last March bulls for fall and winter trade. 30 breeding dogs in herd. J. A. SHAGHNESSY, Astell, Kansas

HEREFORDS Big and rugged. Farm 3 miles out. W. D. Hunt & Son, Blue Rapids, Kan.

DAIRY CATTLE.

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

WILLOW SPRINGS JERSEY FARM Golden Fern's Last Time 25522nd head of herd. Offer a few young bull calves. Joseph Krasny, Waterville, Mo.

JERSEY BULL By a grandson of Golden Fern's Last Time. 25522nd head of herd. Offer a few young bull calves. Joseph Krasny, Waterville, Mo.

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

SHORTHORN CATTLE.

For Sale: Two Pure Scotch bulls and a Scotch topped heifer. Farm near Irving, Kansas. On Union Pacific and Central Branch of Missouri Pacific. DR. F. C. McCALL, IRVING, KAN.

Eight Bulls reds and roans, 6 to 18 months old. Scotch and Scotch topped. Write for prices. G. F. MART, SUMMERFIELD, KA.

Shorthorns, Polands Etc. bull for sale. 1 tried and April boars. A. B. Garrison & Son, Summerfield, Kansas

10 Shorthorn Bulls 5 yearlings in September. 5 March and April calves. Write for prices. B. A. BEER, SUMMERFIELD, KANSAS

HAMPSHIRE HOGS.

Registered Hampshires Top boars and gilts not related. F. B. WEMPE, Frankfort, Kansas

POLAND CHINA HOGS.

Albright's Polands For Sale, Jan. boars and gilts. 12 last fall gilts, 34 March and April boars and gilts. A. L. ALBRIGHT, WATERTOWN, KAN.

Copeland's Private Sale Poland China boars and gilts. March farrow. Also fall gilts, bred or open. H. E. COPELAND, Waterville, Kan.

DUBOC-JERSEY HOGS.

Red Polls, Duroc-Jersey, and O. I. C. Some Boars of both breeds at reasonable prices. Bred sow sale, Feb. 21. J. M. LAYTON, IRVING, KAN.

10 September Gilts head for fall farrow, a few boars and gilts by Illustrators, 40 March and April pigs. A. B. SEADEN & SON, Frankfort, Kansas

W. J. HARRISON AXTELL, KAN. Red Polled cattle, Duroc-Jerseys and white Leghorns. Breeding stock for sale. Correspondence invited.

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

FANCY POULTRY.

Plymouth Rocks Bred (Thompson strain) and white. Stock for sale. Eggs in season. Address JOHN BYRNE, AXTELL, KANSAS

AUCTIONEERS.

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

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

ABERDEEN-ANGUS.

AberdeenAngus Cattle

Herdheaded by Louis of View-point 4th. 150024, half brother to the Champion cow of America.

Johnson Workman, Russell, Kan.

ABERDEEN-ANGUS CATTLE

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

Sutton & Porteous, Route 6, Lawrence, Kan.

O. I. C. HOGS.

Immured O.I.C.'s April pigs \$15; July pigs at \$10. Booking orders for Sept. pigs from my best sows. A. G. Cook, Luray, Va.

Western Herd O. I. C. Hogs A splendid herd for sale. Also spring boars and gilts in pairs and trios not related. F. C. GOKIN, Russell, Kan.

75 Chester White Spring Boars

Chief Select and White Rock breeding. No culls. \$25 each. Also few choice gilts. Inspection invited. AMOS TURNER, WILBER, NEBRASKA, (SALINE CO.)

Smooth Heavy Boned O.I.C.'s

Pigs not akin from two months up. Boars not related to gilts and sows. Best of breeding at farmer's prices. Write today for circular. F. J. GREINER, BILLINGS, MO.

Pleasant Vale Herd O. I. C. Hogs

Tried sows bred for September and October farrow. Fall gilts for sale, open. Also a few fall boars. Spring pigs, both sexes. Chas. N. Snyder, Effingham, Kan.

Alma Herd "Oh I See" Hogs of Quality

A trial will convince you; anything sold from eight weeks on up. All stock shipped C. O. D. on receipt of \$10. Write for price list. HENRY FEHNER, ALMA, MISSOURI

BERKSHIRES.

Hazlewood's Berkshires! Yearling gilts, bred. Spring pigs priced for quick sale. W. O. HAZLEWOOD, WICHITA, KANSAS

High-Class Berkshires

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

25 March Gilts Bred or open. 10 yearling and two year old sows, bred to order or open.

R. J. LINSKOTT, HOLTON, KANSAS

MULE FOOT HOGS.

Registered MuleFoot Hogs Large, growthy kind. Some choice stock for sale. Write for prices. Freeland & Hildwine, Marion, Kan.

DUROC-JERSEYS.

DUROC JERSEYS!

Johnson Workman, Russell, Kan.

Immured Durocs!

Plenty of spring boars and gilts. Best of breeding. Stock guaranteed. F. J. MOSER, GOFF, KANSAS

REED'S DUROCS

Choice young boars ready for service. Sows and gilts bred or open, fashionable breeding. Satisfaction guaranteed. Write today. John A. Reed, Lyons, Kansas.

Royal Scion Farm Durocs

Choice fall and spring boars out of our best tried sows. One yearling boar, 17 in litter. Priced G. C. Norman, Route 10, Winfield, Kan.

The Schwab Pure Bred Stock

50 Duroc-Jersey boars ready to send out on orders. 25 Duroc sows bred for fall litters. Plenty of open gilts, etc. 6 Red Poll bulls ready for service. Percheron stallions and mares. Geo. W. Schwab, Clay Center, Neb.

Rice County Herd Durocs

FORTY fine fall, winter and spring boars. Sired by Good Enuff's Chief Col., G. M.'s Crimson Wonder, Col. Chief, Otey's Dream, Illustration II. From excellent dams. 30 days' special price. Write today; describe your wants. G. M. SHEPHERD, Lyons, Kas.

16 Young Herd Boars

I have 16 very choice March Duroc-Jersey boars at reasonable prices. They are big and smooth. JOHN O. HUNT, Marysville, Kan.

HOG CHOLERA

Our FREE BOOKLET explains—
HOW TO TELL HOG CHOLERA
WHEN TO USE SERUM ALONE
WHEN TO USE SERUM AND VIRUS
HOW AND WHEN TO VACCINATE
Address: Wichita & Oklahoma Serum Co.,
Stock Yards, Wichita, Kansas.

hair. A very notable feature of the Laptad sales, a better average is made each time, which proves that the Laptad hogs give satisfaction. The pigs that go in this sale are a picked lot, for Laptad culls them close. If you want something good in Poland Chinas or Durocs, you cannot afford to miss this sale, which will be held under cover at the farm near Lawrence. C. H. Hay, fieldman for this paper, will attend the sale and will handle, conservatively, any bids sent to him.—Advertisement.

W. Z. Baker's Splendid Winnings.

There were no pens that attracted more of a crowd at the state fairs than those of W. Z. Baker, and so far as we have learned no one was more successful in selling. This is the second time this herd has been shown and while they did not make quite as good a record this year, it was plainly demonstrated the stuff was there. Some of the winnings are as follows: At Topeka, Junior champion boar; John Hadley; second on young herd, headed by John Hadley; second on young herd bred and exhibited, headed by John Hadley; third on get of sire; third on produce of sow; third and fifth on Junior yearling boars; fourth on senior boar pig. At Hutchinson, second on Junior yearling boar; first on aged sows; third on senior sow pig; reserve champion sow; third on young herd. At Missouri State Fair (Sedalia), third on Junior yearling boar; second on aged sows; third on senior boar pig; second on aged herd, owned and bred by exhibitor; third on senior futurity boar pig; fourth on senior futurity sow pig; and others. Mr. Baker is now exhibiting at St. Louis. This is certainly a creditable showing for Mr. Baker. He does not intend to make a sale this fall but is offering some very topsy pigs at private sale. Write Mr. Baker at Rich Hill, Mo., and mention this paper.—Advertisement.

The Hampshire Hog.

The white-belted hog is practically a new breed in this country. It has only been a few years back when the Hampshire was looked upon by visitors of the state fairs as an oddity. In 1904 there were less than 25 breeders of registered Hampshire hogs in the world and in that year there were but 446 Hampshires recorded. In the first nine months of 1914 there were something over 10,000 pedigrees registered in the American Hampshire Swine Record association. These pigs came from litters averaging slightly over nine pigs to the litter. No other breed of hogs has gained so rapidly in popularity during the past 10 years as has the Hampshire. It is claimed by breeders of this breed of hogs that they make especially rapid growth where green feeds are available. In 1914 Carrol W. Ham of Markleville, Ind., won first prize on his pigs in the boys' pig feeding contest, competing with all breeds. His pigs made a gain of 192 pounds in four months. Packers like the Hampshires. Numerous cases are on record where Hampshires have topped the market in competition with other breeds. In a little booklet published by the American Hampshire Swine Record association, Mr. Stone, the secretary, says that out of 10,400 breeders who have tried the Hampshire hog, there are slightly over 98% per cent of them that are still in the business, being satisfied with this breed. Every reader of this paper who is interested in the production of pork should write C. E. Stone, secretary of the American Hampshire Swine Record association, at 703 East Nebraska Ave., Peoria, Ill., for literature concerning this breed. When writing kindly mention this paper.—Advertisement.

Publisher's News Notes

A Kafir Header.

Thomas H. Sparks of Wichita, Kan., manufactures an all steel kafir header which can be attached to an ordinary wagon. It is operated by one man and weighs only 70 pounds. It is retailed to the farmer direct at \$18 f. o. b. Wichita and is guaranteed to cut the heaviest corn. See the advertisement in this issue.—Advertisement.

The Bovee Furnace.

It is not possible to have a house comfortable in cold weather without some kind of modern heating system, and such a system has now become almost one of the modern necessities. The cost of installing it is small. The cost of keeping it up is much lower than heating it up thoroughly with stoves and the comfort and satisfaction are great. One of the best hot air furnaces made anywhere is manufactured by the Bovee Furnace Works, Waterloo, Ia. The Farmers Mail and Breeze has been glad to carry the advertising of this furnace for a number of years. Many of our readers have Bovee furnaces. We have only good words about it. They are among the favorite furnaces in the central western states, both in towns and country. An illustrated advertisement of the Bovee furnace appears on page 19. The illustrated catalog is a valuable and practical one. It is sent free to anyone who asks for it.—Advertisement.

Low Price All Steel Garage.

If you own a car you know it must be taken care of if you are to get full value for your automobile investment. The Butler Manufacturing Co. with two large modern factories, one at Kansas City, one at Minneapolis, announced recently the completion of an all metal garage that seems to possess many special features in addition to the matter of very low price. The Butler Round-Ruf Garage is made of very heavy sheet metal. It is easy to put up, a man or two men being easily able to accomplish this in a day or two. It is fire proof, neat in appearance and is the cheapest in price of any garage of which we have knowledge. The garage is well lighted by a window of fire proof glass, contains two special ventilators, and is provided with a heavy metal shelf for tools and supplies. Tools necessary for its erection are furnished free. The Butler Manufacturing Co. is a concern well known to thousands of farm owners. The Butler metal specialties such as silos, corn bins, wheat bins, hog troughs, rus-pruf culverts are in use all over the country. The facilities of both great factories have been put back of the manufacture of these garages. As an example of the low price, the 10 foot wide by 14 foot long garage sells for \$59.25 f. o. b. either factory. Prices of other sizes run in proportion. Upon receipt of a request from you, the Butler Manufacturing Co., 290 Butler Bldg., Kansas City, Mo., will send you a copy of the book "The Butler Round-Ruf All Steel Garage."—Advertisement.

DUROC-JERSEYS.

Duroc-Jersey Bargain Prices 150 spring Wonder and Mo. Climax breeding, 20 gilts bred for fall farrow R. T. & W. J. GARRETT, Steele City, Nebraska

Walnut Grove Durocs

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

Crocker's Immune Duroc Boars

100 Duroc spring boars for sale. Guaranteed immune and shipped on approval. No money down before you get the hog. Prices \$25 to \$35 each. F. C. Crocker, Filley, Nebraska

Boyd's Big Immune Durocs

40 top boars by Crimson Col. and Big Jim. Few extra choice ones by Grand Model Again and out of dam by Golden Model 5th. Reasonable prices. Shipped on approval. Also choice Red Polled bulls. J. C. BOYD, VIRGINIA, (Gage Co.) NEB.

Wooddell's Durocs!

The best lot of spring boars and gilts we ever offered—Good E Nuff Again King, Graduate Col., and other good blood lines. G. B. Wooddell, Winfield, Kan.

BONNIE VIEW STOCK FARM

Spring pigs for sale, sired by Tat-A-Walla, Kant's Model Enough and A Critic; also two registered Holstein bulls, six months old. SEARLE & COTLE, BERRYTON, KANSAS

TRUMBO'S DUROCS

25 spring boars by such sires as Mary's Col. and Crimson McWonder. Big stretch fellows and out of prolific sows. They are the good kind and priced for quick sale. WESLEY W. TRUMBO, Peabody, Kan.

Jones Sells On Approval

12 picked Duroc-Jersey March boars. Shipped on approval. Weight 250 pounds, or better. Priced right. W. W. JONES, CLAY CENTER, KAN.

BALDWIN DUROCS

Brood Sow Sale, Feb. 23

Young service boars \$15 each, sired by Bell the Boy, the first prize winner at Kansas State, Tennessee State, and Interstate Fairs in 1914. Gilts \$25, bred to Model Top Again, winner at Hutchinson and Topeka State Fairs this fall. Baby boars of fall farrow \$8, and baby gilts \$12, sired by Bell the Boy. A few gilts for sale to farrow late this fall. All stock immune. Call and see our hog and poultry farm. Rose Comb Reds, Cockerels \$2. Also some registered Shorthorn Baby Bulls.

R. W. BALDWIN, Conway, Kansas

250 Registered

Duroc-Jerseys

AT AUCTION

Wednesday, October 27, 1915

Farm 13 Miles South of Abilene, 9 Miles Northwest of Hope.

40 tried sows, 25 that will farrow in November and 10 that will have litters at side. 80 spring and summer gilts, 40 spring and summer boars. 90 head of stock hogs or feeding shoats. This is a big clean up sale and everything listed will be sold. Catalogs are ready to mail now. Everything was immunized early in the season by an expert. Everything is in a thrifty and growing condition and is just as represented sale day. There will also be sold 1 team iron gray Percheron mares, wt. 2800, 4 and 6 years old; 1 iron gray team of geldings, wt. 2400, 6 and 8 years old; 1 team bay driving horses, wt. 2000, 8 and 10 years old. Also 40 tons alfalfa hay, 15 tons prairie hay and 2,000 bushels of corn. Catalogs ready to mail. Mention Farmers Mail and Breeze when you write. Address

J. A. Weishar, Dillon, Kan.

Auctioneers—Fred Reppart, W. C. Curphey, Farm Near Elmo, Kan.
J. W. Johnson, Fieldman. Register National hotel, Abilene.

ILES' BIG SALE

Duroc-Jerseys

Everest, Kansas

Friday, October 29th

at the farm one mile south of Pierce Junction and three miles south of Everest. 20 boars and 20 gilts of March and April farrow. Three yearling sows and two that are two years old.

The entire herd is immune and in a thrifty and growing condition. The breeding is up to date and is a first class offering. I am in the business to stay and this is my first draft sale. Write for catalog and arrange to come. Send bids to J. W. Johnson in my care. Get off at Pierce Junction.

ROBERT C. ILES, Everest, Kan.

Aucts.—C. M. Scott, C. J. Foster, J. C. Dickison, C. G. Streeter.

Closing Out Sale

**French Draft
Stallions,
Mares, Colts,
and other
stock**



Richards, Mo., November 3, 1915

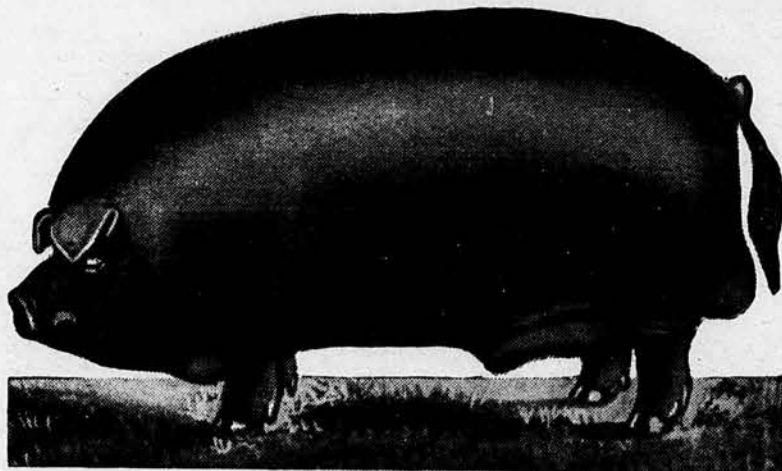
An unexpected change in my business affairs compels me to dispose of my fine herd of registered French Draft stallions, mares and colts. All are broke to work; kind and gentle and nice to handle, good breeders and sure. There will be six stud colts under three years; three registered mares with colts by side; ten stallions over three years old; two jacks; six grade colts and a span of drivers, three years old.

Auctioneers—Cols. R. L. Harriman and J. K. Harmon.
Fieldman—C. H. Hay.

L. W. Peters, Richards, Mo.

This ad will not appear again.
Write for any other information desired.

**Martin Kelly's
Immune Duroc Offering
Shubert, Nebraska
Wednesday, November 3, 1915**



Kelly's Defender.

45—HEAD BRED AND FED FOR FUTURE USEFULNESS—45

26 Spring Boars, 3 Fall Yearling Boars, 1 Herd Boar, 15 Spring Gilts. Half of the offering was sired by Kelly's Defender, one of the best sons of the noted Defender. His dam was by The Professor, and her dam was by King Pal's Col. Remainder of offering is by Valley King Again, Carnival Chief, King The Col., Illustration 2nd and Grand Model Gain. I think you will like them. Write for catalog and mention Nebraska Farm Journal. Sale under cover. Free entertainment.

MARTIN KELLY, Verdon, Neb.

AUCTIONEERS—J. C. Price, J. G. Whitaker.
Jesse Johnson will represent this paper. Send him bids in my care at Verdon, Neb.

Herman Gronniger & Sons' Big Annual Poland China Boar and Gilt Sale

At their farm near Denton on the Rock Island and Severance on the Grand Island. Everything Immunized with 544.

Tuesday, October 26, 1915

2 tried boars, 8 fall gilts, 22 spring boars and 20 spring gilts. The two tried boars are Melborne Jumbo (61941) and Smooth Boy (55660). The 8 fall boars are by Tecumseh Ex. and Exalter's Rival. The spring boars and gilts are by the same boars and Futurity Rexall, Junior champion boar Nebraska, 1914, Melborne Jumbo and Big Wonder.



James Gronniger



Herman Gronniger



Lawrence Gronniger

The dams of the offering are a grand lot of sows by such boars as Banner Boy, Gold Metal, Big Hadley's Likeness, Moore's Halvor, Captain Hutch, Mammoth Hadley, Sampson's Chief and others. Catalogs ready. Send bids to J. W. Johnson in care of the Gronnigers. Address

HERMAN GRONNIGER & SONS, Bendena, Kansas

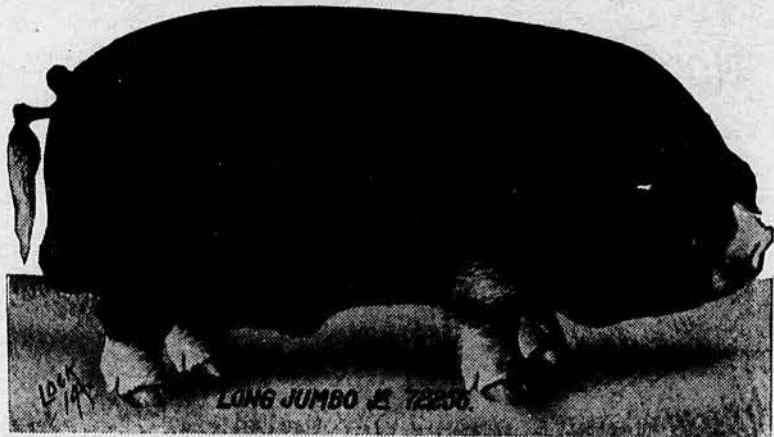
AUCTIONEERS—R. L. HARRIMAN AND C. M. SCOTT.

Griffiths' Boar and Gilt Sale

20 Spring Boars
20 Spring Gilts

At the farm near RILEY, WEDNESDAY, NOVEMBER 3

about equally divided between King of Kansas and Long Jumbo Jr., the great boars that sired the entire offering.



Long Jumbo Jr., from the World's Record Big Type Litter Sold Last Year.

There will be many attractions in this sale. There will be one dandy boar by King of Kansas and out of Lady Wonder 4th. Three good ones by Long Jumbo Jr., and out of Quality Wonder 2nd. Four great gilts from one litter, by King of Kansas that are sure attractions. Catalogs ready. Address

J. L. GRIFFITHS, Riley, Kansas

Auctioneers—Jas. T. McCulloch, Jas. Cross, Fieldman—J. W. Johnson.

Webb's Big Annual Sale of Poland Chinas

Sale at the farm, near

Bendena, Kan., Tues., November 9

50 head go in the sale—24 spring boars, one herd boar, Webb's Blue Valley (67724), 22 spring gilts and two fall gilts. The spring stuff is all of March farrow except one litter of February 27 and one April 13. Webb's Blue Valley is a good breeder and has been in use in the herd but is not needed longer. He is sold for no fault. The two fall gilts and one spring yearling sow are real attractions. Everything is out of good litters and vaccinated with 544. The breeding is of the larger type with quality. Nothing is offered in Mr. Webb's sale that is not worthy as breeding animals. Write for catalog today. Address

W. R. Webb, Bendena, Kansas

Col. Jas. Sparks, Auctioneer.

J. W. Johnson, Fieldman.

(Mention Farmers Mail and Breeze when you ask for catalog.)

J. J. Hartman's Immune Poland China Sale

65 Head, consisting of 35 boars and 30 gilts,
all of February, March and April farrow

Elmo, Kan., Thursday, November 4

Everything sired by
BLUE VALLEY JR., ORANGE VALLEY and ELMO VALLEY

Blue Valley is a half brother to Walker's great Blue Valley and Orange Valley was sired by Blue Valley Orange. The dams of the boars and gilts in this sale will compare favorably with any big type sows in the state. Mr. Hartman has grown out this lot of boars and gilts carefully and they will command the admiration of the best breeders in the West. It is an unusually strong offering of the best of big type boars and gilts. Sale at the farm near Elmo on the Missouri Pacific and within driving distance from Abilene. Stop at the Pacific hotel in Abilene and phone 118 Elmo. Send bids to J. W. Johnson in care of Mr. Hartman at Elmo. Catalogs ready to mail. Address

J. J. Hartman, Elmo, Kansas

Auctioneers—W. C. Curphey, Jas. Burton.

Foley's Select Offering of BIG POLANDS

Norton, Kan., Saturday, October 30



40 Without Reserve. Making No Bred Sow Sale. All Immune. 40

25 of the best boars I ever bred. Two fall farrow, rest spring boars. 10 big, smooth, broody fall yearling gilts. 5 of my best spring gilts. Sired by Five Great Boars. The Giant, Panama Giant, Iowa's King, Blue Valley Look and King Hercules. No sale held in the state this year will have more noted big Iowa breeding. Write now for catalog. Mention Mail and Breeze. Free entertainment. Stop at any hotel in Norton. If you can't come send bids to fieldman or auctioneer in my care.

J. F. FOLEY, Oronoque, Kan.

Auctioneer—Jas. T. McCulloch. Fieldman—Jesse Johnson.

Spotted Poland Chinas

From the herd of Alfred Carlson, Cleburne, Kan.

50 Head at Auction, at the farm, near

Cleburne, Tuesday, November 2

Remember the sale is at Cleburne, just north of Manhattan on the Blue Valley branch of the Union Pacific in Riley county. Motor on this road goes up in the morning and back at night. Good connections. The offering of 50 head consists of 21 spring gilts, nine fall gilts, four tried sows and 16 spring boars. The offering, with the exception of the tried sows, was sired by Big Ben 63464 and Spotted King 70672. The dams are the big spotted, big litter, good mother kind. Catalogs ready to mail when you send your address.

Alfred Carlson, Cleburne, Kan.

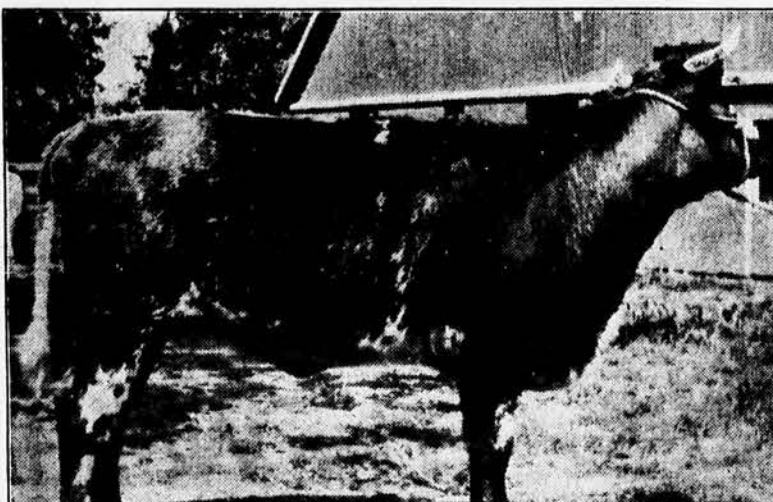
Send bids to J. W. Johnson, in care of Mr. Carlson.
Auctioneer—Jas. T. McCulloch.

Dowells' Dispersion Shorthorn Sale

In Sale Pavilion, Hiawatha, Ks. **Thursday, Oct. 28**

44 Head—OUR ENTIRE HERD OF GOOD USEFUL, RICHLY BRED CATTLE—44

6 bulls in age from six months to two years, including the Scotch herd bull Prince Imperial, a grandson of the Champion Snowflake.



16 mature cows in age from three to seven years, many of them splendid milkers and all having good Scotch tops such as Imp. Royal Pride, Snowflake and Baron Lavender.

12 heifers of breeding age, out of our best cows and sired by our herd bull. All females old enough will have calves at foot or be bred to Prince Imperial. This offering represents several years of effort on our part and includes many outstanding individuals both as to breeding and individuality. The cattle will be sold in nice breeding form but not fitted. Write for catalog giving all information including footnotes of every animal to be sold.

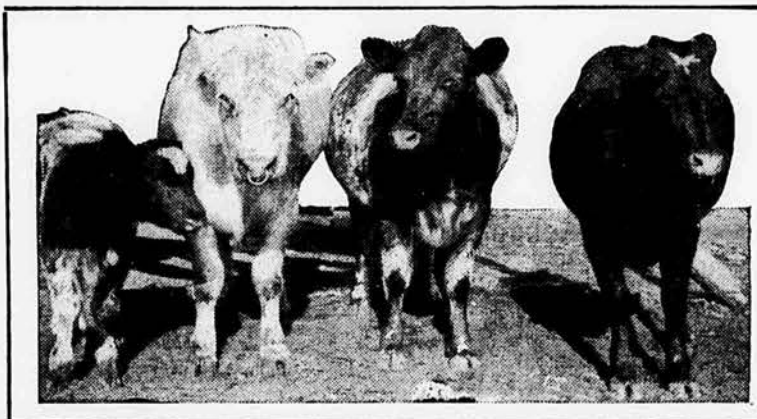
E. E. Dowell & Son, Hiawatha, Ks.

AUCTIONEERS—H. S. Duncan, C. M. Scott, N. T. Moore.
FIELDMAN—J. W. Johnson.

Shorthorn Cattle Sale

Augusta, Kan., Tuesday, Nov. 9

30 HEAD consisting of 13 good cows, Scotch and Scotch topped, due to freshen in early spring; 5 coming two-year-old heifers recently bred; 4 heifer calves, 4 to 7 months old; 8 bulls, 3 yearlings and 5 bull calves 3 to 7 months old.



These cows and heifers are serviceable, breeding animals, not pampered. They trace to such imported dams as Galatea, Rosemary, Lucy, Avarilda, Mrs. Mott, Duchess of Oxford and other families of note and they are safe in calf to Good Choice, a good breeding grandson of the noted Choice Goods. The young bulls and heifers are also by Good Choice. The three yearling bulls are by a son of Geneva Duke 2nd and out of good producing dams. This is the best lot of Shorthorns we have ever offered at auction.

General Farm Offering. 60 head of high grade Shorthorn and Hereford yearling steers, sell in lots to suit purchasers, also 9 head of work mares all in foal, one team of good work mules and three weanling mules and one matched team of Arabian ponies.

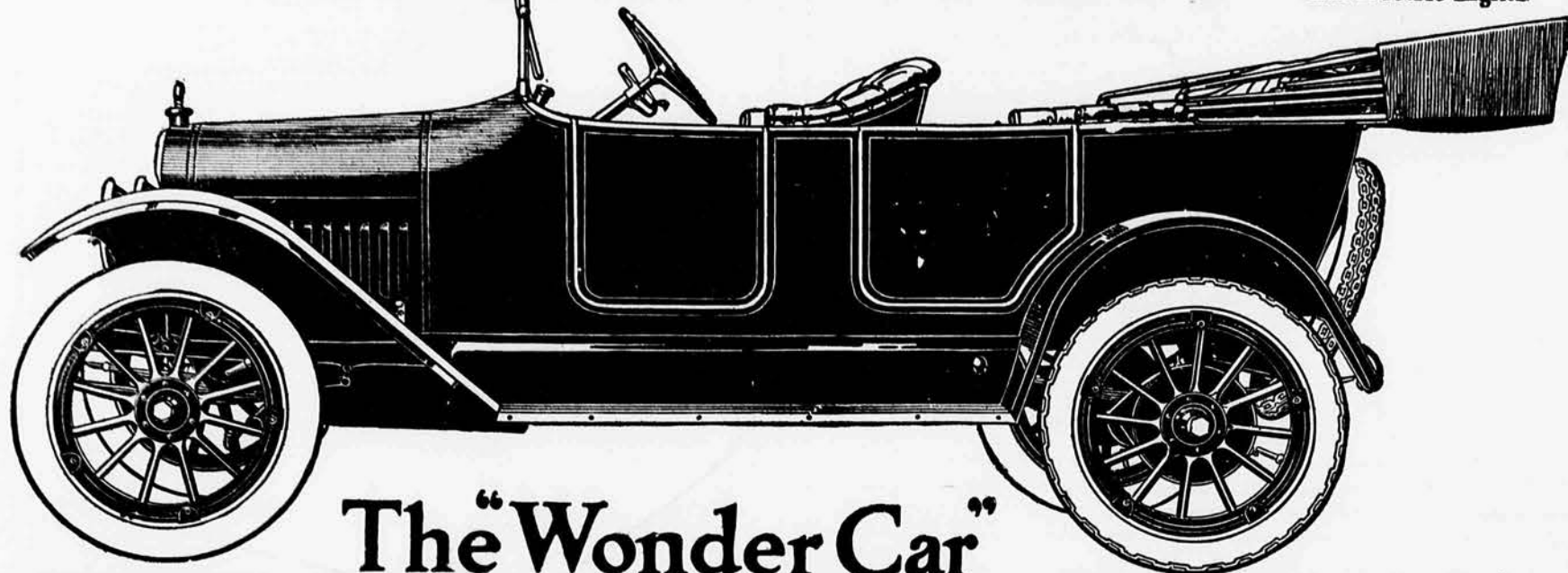
Sale rain or shine on farm near Augusta, Kan. Catalogs now ready. Address

PARK E. SALTER,
Route 3, Augusta, Kansas

Auctioneers—Richardson Bros. Fieldman—A. B. Hunter.

1916 Maxwell \$655

Including Electric Starter and Electric Lights



The "Wonder Car"

The Acknowledged Automobile Sensation of 1916

The Lowest Cost Real Automobile

From the Atlantic to the Pacific, from the Gulf to the Great Lakes, in every City, Town and Hamlet, automobilists are lauding the 1916 Maxwell's power,—the 1916 Maxwell's beauty,—the 1916 Maxwell's luxury,—the 1916 Maxwell's complete and detailed equipment.

Everywhere, men who know motor cars, are marveling that \$655 now buys a beautiful, powerful, stream-line, real, complete, full five-passenger car, with electric starter,—electric lights,—high-tension magneto,—demountable rims,—"one-man" mohair top, and every other feature and modern refinement known to the automobile industry.

The Car of Lowest "After-Cost"

Owners of the new Maxwell know that the first inspection, and the first ride, do not disclose the real worth of the "1916 Wonder Car." That only becomes apparent after week-in, and week-out, year-round use. Then it is found that the Maxwell gives matchless automobile service and lowers all economy records for:

- 1st—Miles per set of tires
- 2nd—Miles per gallon of gasoline
- 3rd—Miles per quart of lubricating oil
- 4th—Lowest year-in-and-year-out repair bills.

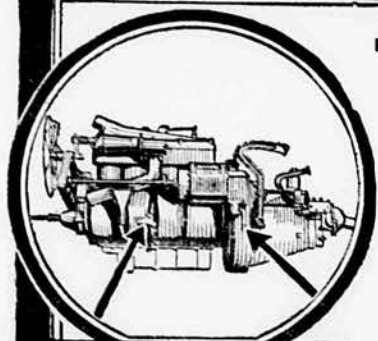
1916 Maxwell High-Priced Car Features, all included for \$655

Electric Starter and Electric Lights	Electric Horn	Handsome Rounded Radiator and Hood	Easy Riding and Marvelous Flexibility
Demountable Rims	Double Ventilating Windshield (clear vision and rain-proof)	Linoleum covered running-boards and floor-boards	Unusual power on hills and in sand
High-tension Magneto	Aluminum Transmission Housing	Automatic Tell-tale Oil Gauge	Ability to hold the road at high speed
"One-man" Mohair Top	Robe Rail with back of front seat leather covered	Heat-treated, Tested Steel Throughout	Improved Instrument Board with all instruments set flush
New Stream-line Design			
Wider Front and Rear Seats			

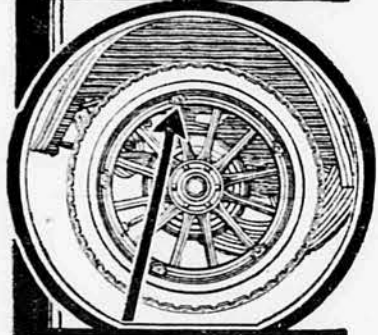
Every feature and every refinement of cars that sell at twice its price
PRICE F. O. B. DETROIT

Write for the 1916 Maxwell Catalog, and name of the Maxwell Dealer nearest you.
Address Dept. C. D.

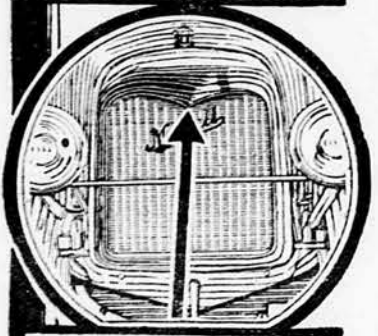
MAXWELL MOTOR COMPANY, Inc., Detroit, Michigan



4-cylinder Unit Power Plant with enclosed fly-wheel and clutch.



Demountable Rims are regular equipment of the 1916 Maxwell.

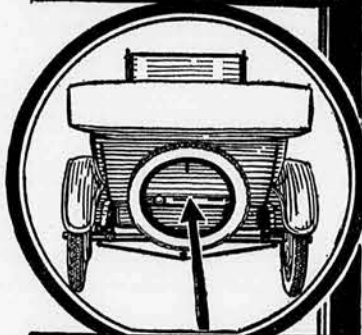


Front view showing the handsome lines of the new radiator and hood.

Built complete by the three gigantic Maxwell factories at Detroit, Dayton, and Newcastle.



Speedometer, fuse box, ignition, lights, battery regulator, all mounted flush on instrument board.



Note the compact arrangement of spare tire carrier, tail light and license bracket.



Perfect-fitting, "one-man" mohair top; quick adjustable storm curtains, rolled up inside of top.

16 Great Maxwell Service Stations—54 District Offices—Over 2,500 Dealers—all giving Maxwell service.