

# THE FARMERS MAIL AND BREEZE

Volume 42

August 24, 1912

Number 24



*Plowing Under Cowpeas for Green Manure to Supply the Greatest Need of Kansas Soil—Humus.*

IT is the custom this time of year for Farmers Mail and Breeze to issue a Building Number. This year it is to be a Farm Improvement Number and will cover a little more ground. It is to appear next week. It will deal with many things that Mail and Breeze folks want to know about this time of the year and will contain much practical, helpful information in a form to be readily put to use. Some good suggestions, too.

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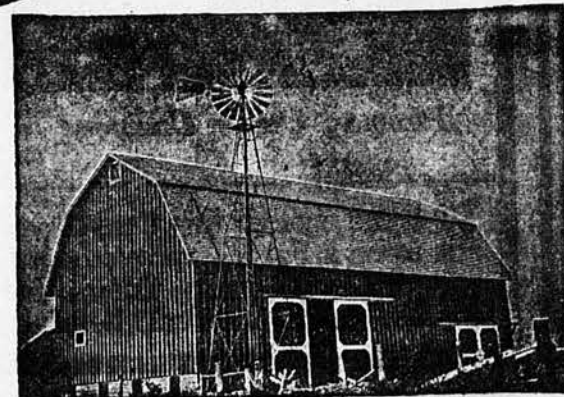
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# THE FARMERS MAIL AND BREEZE

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



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## DO WE GATHER SEED CORN EARLY ENOUGH?

Poor stands of corn were the rule last spring and replanting on a large scale was more or less general. In connection with Mr. Coburn's recommendation for an earlier selection of seed corn in the fall as a means of overcoming this trouble, it is interesting to note that C. P. Hartley, the government's corn specialist, makes an even stronger suggestion of this kind in a new bulletin just off the press. Mr. Hartley finds the early gathered corn tests higher. This year a sample test stood 98 per cent for the "early" ears to 75 per cent for the late ones. In his opinion seed ears should be gathered three to four weeks earlier than customary. Has any reader ever tried this?—Ed. Note.

**T**HE TRUTH of the assertion that more corn from a given area means greater prosperity is self-evident. Unlike wheat, corn is mostly grown for consumption on the farm, for the making of meat and milk and the maintenance of farm animals. More corn would mean more livestock. There is pressing need, too, for more beef and mutton and pork to feed the increased and increasing population. Corn encourages the conservation of the soil, while wheat seldom if ever does. The latter is primarily a money crop.

A feature of corn-growing of great importance but too generally slighted is the proper selection of the seed and its storing.

Contrasting our state average of 22 bushels per acre for the past decade with the 40, 50 and 60 bushels or more produced by many individuals, the possibilities are clearly shown for increasing acre-yields. All agree that good seed is important. No matter how rich the soil or how well cultivated, results will be far from what they should if the seed is weak in vitality or fails to germinate.

It will soon be time to take the first steps toward securing the right kind for next year's planting. Early matured ears should be selected and gathered from the stalks before the customary husking time. This not only that the corn may escape freezing but that the general character of the stalks on which it grew, the position of the ear, and other considerations may be noted. There are always, more or less, such early ears fit for gathering before the bulk of the crop is ready. Corn picked when immature is liable to prove deficient in vitality, and care should be taken to avoid this. A light frost will do no injury when the corn is well ripened and of the two it is preferable to risk frost than to pull the ears too early. In Kansas the average date of the first killing frost in autumn ranges from September 30 in the northwestern counties to October 5 in the extreme southeast. To fix a definite date for this would be out of the question, but the main thing is to gather seed corn in the fall before damaged by freezing. It is a common observation that numerous ears throughout the fields have husks turning brown before frost. These are in the dent stage, when the kernels are firm and suitable to gather for seed, ordinarily. At the regular or later husking time the early matured cannot be distinguished from the later. Ears low on the stalk as a general thing mature earliest, and if they are about waist-high or a little higher, they are in convenient position for husking. Besides, with seed from such ears the chances are for a better and more even pollenization, which favors a uniform product, with the fewest nubbins.

Choose ears from stalks of most vigor and of the most desirable characteristics. Strong, thrifty plants, with broad leaves and good-sized tassels are preferable. Plenty of well-matured ears, of good size and form, suitable for seed, can be found nearly every

*Many Things Tend to Prove More  
Care in Selection Would Pay*

*By F. D. Coburn*

*Written Expressly For Farmers Mail and Breeze*

year before frosts, and it is the best the field will offer. As a rule, it is not preferable to save the extra large ears, because the chances are they are very slow in maturing and late in ripening. Immature corn is not only an unsafe commodity of commerce but is low in feeding value. Ears of medium size, with deep, plump, flinty kernels set closely on the cob are the kind to select. It is well to bear in mind that three small sound ears of corn to each hill will mean more than 100 bushels to the acre, in a proper stand. Some may object that all this painstaking entails too much work, but it should be remembered that it only requires about a dozen ears to provide seed for planting an acre, and a bushel is enough for 6 or 7 acres.

The characteristics of the parent stalk and its ears may be expected to be reproduced in a majority of

age height of all the ears was raised, and the opposite by selecting ears low on the stalk. Corn from ears high in protein, starch, oil or mineral constituents increased the per cent of these elements of composition in the kernel, making the product of the one, for instance, more valuable for animal feeding, and the others of greater worth for various purposes. Increased yields were had by taking advantage of the prepotent, healthy, vigorous stalks and ears, planting them separately and preserving the seed borne by the most productive types.

This further indicates the possibilities that lie within the reach of every farmer for improving his corn and increasing yields. The best plan of course would be to have an isolated plot for especially growing seed. Wherever that is not done, something that is in nowise general, the early gathering in the field would be found one of the simplest and easiest ways to increase the profits of corn growing. There is often much loss from using seed damaged by freezing, and even greater chances are taken when corn for planting is selected from the crib by the old scoop-shovel method.

After gathered in the fall, it should be placed in racks or suspended by strings so the air may have ready access to all parts of each ear, enabling it to cure before cold weather sets in. Artificial heat is often found useful in this, but the corn should not be exposed to the sunlight for drying for fear of injuring its vitality. It should be free from moisture even in damp weather.

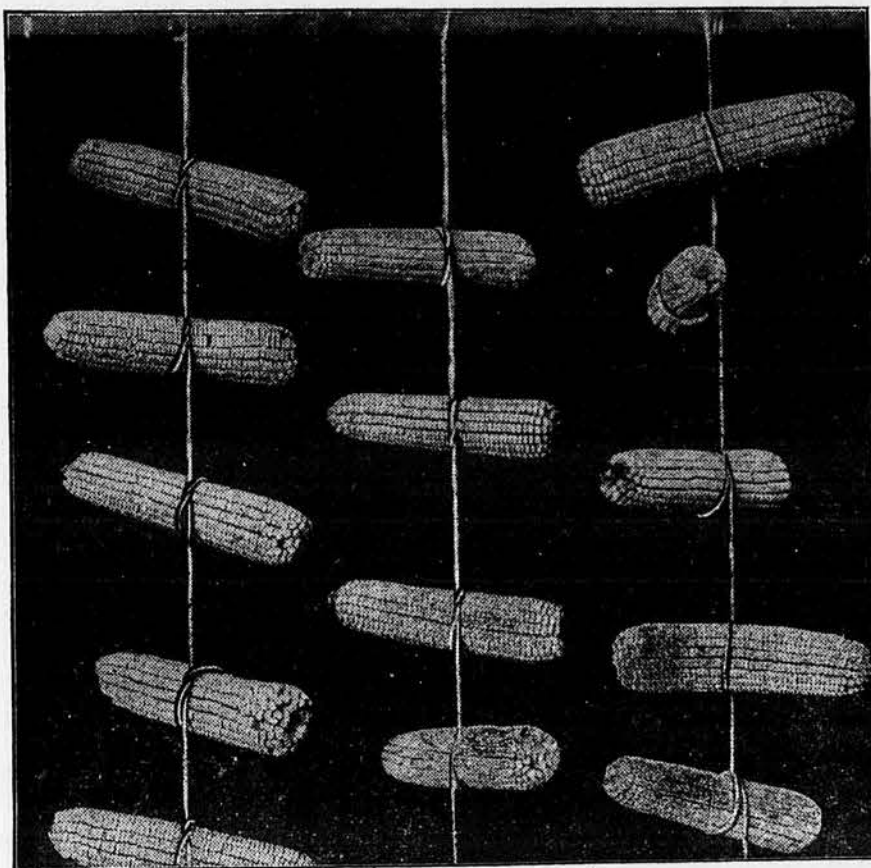
Practice will do much to enable the selection of seed at the time of shelling by examination of the ear, the kernel, and noting the general appearance of all. It is desirable to grade the ears, but grading must be largely done after shelling. Remove the tips, because there is no grader that will eliminate all small kernels. Any of the good graders will do good work if properly operated.

There are greater possibilities for more and better corn per acre through seed selection in Kansas than by any other one thing for the reason that, as it appears to the writer, it is a feature overlooked and ignored more than any other. Fertile land, well plowed and properly planted and cultivated will not atone for lack of quality in seed. Vacant hills and barren stalks will not reward labor and skill in working the land, however intelligently done.

To progress we must agitate promising departures, try them out in the hard school of practical experience, and adopt or reject them as they are found good or bad. Experiment station trials indicate conclusively that early fall selection of ear-corn from the stalk is a much more dependable means of insuring good stands and profitable yields than any other within our immediate control.

It is demonstrated that there are possibilities in corn growing little suspected some years ago. Its selection and breeding are opening up fields of endeavor of rich promise. It is clear

that we must produce more per acre, and there is excellent opportunity ahead for him who will intelligently grow purebred seed, for many of our farmers either have not the time or the inclination for it. The way to improvement is open and clear, and whether yields are increased and quality enhanced, depends upon the grower of the corn himself. It is up to him. It will then be apparent just what margin there is for improvement in these respects, but there can be no doubt of a favorable result.



There is no better way of taking care of seed ears after gathering them than to string 15 or 20 ears in this manner, each 20 on a single piece of binder twine and hang them up in a dry place in an open shed or loft.

instances, and hence the importance of field selection where all these features may be taken into account. Corn is very responsive to selection and breeding, and experiments tend to confirm the world-old axiom that like produces like.

At the Illinois Experiment station, according to A. D. Shamel, instructor in farm crops, it was found that by selection the length of the ear shanks was increased nearly 2 feet in five years. In the same time and by similar process, the height of the stalk was increased nearly 3 feet, and the average width of the leaf was increased appreciably, all of which is suggestive of the many modifications possible to be wrought by man within a comparatively short time. By selecting ears growing high on the stalk the aver-

*F. D. Coburn*



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

**A CORRECTION.** Last week I made a statement concerning the growth of the Prohibition party that was inaccurate and which I take this, the first opportunity, to correct. The mistake was the result of relying on my recollection instead of digging up the actual figures, which simply shows how faulty one's recollection is apt to be.

It was my recollection that the vote for Governor St. John as the presidential candidate of the Prohibition party in 1884 was in the neighborhood of 300,000, but I find on looking up the actual figures that it was only a little more than half that amount, or to be exact, 151,809.

It may be of some interest to a good many readers of the Mail and Breeze to know just what the rate of growth of the Prohibition party has been in the nation. The party nominated its first candidate for president in 1872, James Black, of Pennsylvania. He received 5,608 votes at the election in November. In 1876 the party nominated Green Clay Smith of Kentucky for president, who received a popular vote of 9,522.

In 1880 Neal Dow, the father of prohibition in Maine, was nominated for president and received a popular vote of 10,305. In 1884 ex-Governor John P. St. John of Kansas was nominated for president and received a popular vote of 151,809. In 1888 Clinton B. Fisk of New Jersey was nominated for president and received a popular vote of 249,907. In 1892 John Bidwell of California was the presidential nominee of the party and received a popular vote of 264,133. In 1896 Joshua Levering of Maryland was nominated for president and received a popular vote of 132,007, less than half as many votes as were cast for Bidwell in 1892.

In 1900 John G. Woolley of Illinois was the nominee. Mr. Woolley was a well known and popular lecturer and orator of power. He made a rather active campaign and received a popular vote of 208,914. In 1904 Silas C. Swallow was the nominee. He also made rather an active and extended campaign and received a popular vote of 258,536. In 1908 Eugene W. Chafin, a fine campaigner, was nominated and received a popular vote of 253,840.

It will be observed that the Prohibition vote reached its high water mark in 1892, when Bidwell received 264,133 votes, over 10,000 more than the popular campaigner, Eugene Chafin, received 16 years later.

There has been some inquiry as to the beginning and growth of the Socialist party. The first time that the party appeared in a national election was in 1892, when Simon Wing of Massachusetts was nominated on the Socialist Labor ticket and received 21,164 votes. In 1896 Charles H. Matchett of New

York was nominated on the Socialist Labor ticket and received 36,274 votes.

In 1900 the Socialists divided into two parties, one calling itself the Socialist Democratic party and the other the Socialist Labor party. Eugene Debs headed the former and received a popular vote of 87,358. Joseph F. Maloney headed the other party and received a popular vote of 39,789. In 1904 Debs was again the nominee of the Socialist party and received a popular vote of 402,283, while Charles H. Corrigan, as the nominee of the Socialist Labor party, received 31,240 votes. In 1908 Debs, for the third time a candidate, received 420,793 votes, while the Socialist Labor vote dwindled down to 13,825.

It will be noted that the combined vote of the two wings of the Socialist party was only 1,086 greater in 1908 than in 1904. Evidently about 18,000 voters of the Socialist Labor party left it in 1908 to vote for Debs.

### WHY WOMAN SUFFRAGE.

A lady subscriber down in the southeast part of the state, who is the mother of several children, as stated in her letter, writes that until recently she took no interest in the subject of suffrage but recently has begun to think about it and to believe that she would like to see the amendment to the constitution adopted, but modestly confesses that she doesn't know much about the question and wants enlightenment.

One of the reasons why Kansas has not had equal suffrage long ago has been the evident indifference shown by a large part of the women. I do not say that a majority of the women have either been opposed to equal suffrage or at best indifferent but so far as outward signs and manifestations were concerned it seemed that a majority of them were either opposed or indifferent. That of itself would not be a valid argument against granting the right of suffrage to women, because the right to vote is an individual and not a collective right.

No man would consider it a valid reason for disfranchising him if it so happened that a majority of the men in his block or ward or township did not care enough about the right of suffrage to take the trouble to register or to go to the polls to vote. He might and probably would admit that it was unfortunate that so many men failed to do their duty as citizens but he would not admit that their lack of interest and failure to do their duty was any reason why he should be deprived of his rights as a citizen and sovereign.

If only 1,000 good women in the state of Kansas desired the right to vote it ought to be granted them. But while this is true, so long as a large per cent of the women themselves manifest no interest in getting the right to vote, it makes the fight of those who do want the privilege doubly hard. If the women generally will take an interest, the amendment will be certain to win in November. However, this is not answering the question asked.

Why should women have the right to vote? I think the reason why women have been deprived of equal rights in most countries can be traced back to the fact that government was originally founded on physical force. Man ruled because he was physically stronger. He made the woman his drudge, his servant.

My recollection of Roman history is that even in that most enlightened government of its age, the husband had the right to beat his wife whenever it suited him and to whatever extent suited him. He also had the right of life and death over his children.

In many European governments even to this day the women have hardly any rights to speak of. Husbands may hitch their wives to the plow. The women have no rights of property. Their property owned before marriage, after marriage vests in their husbands. In short, since government began woman has been considered as having no rights except such as her lord and master saw fit to give her.

In all the states of the Union we have advanced beyond that idea. In some states the laws are much more favorable to women than in others, but in all of them the laws are much in advance of the laws of old medieval Europe. In Kansas the laws recognize women as having nearly equal property rights with men. In a few cases she is still somewhat discriminated against, as in the case of the inheritance tax law, but speaking generally, women of Kansas have the same rights to hold and manage property whether married or single that men have.

To say that women shall have equal property rights with men and at the same time deprive them of the right of suffrage is not only unjust but is illogical. In governments that do not recognize the property rights of women but make men the sole masters of the family property, there is not justice in refusing to women the right of suffrage but there is consistency. In a state like Kansas however, where the right of women either married or single to hold, manage and transfer their property independently of the men, there is neither consistency nor justice in depriving them of the right of suffrage.

It will be remembered that the chief complaint of the colonists was that they were taxed without being allowed representation which was abhorrent to

the ideas of free born English subjects. Now in those countries where married women are denied the right to hold property separate from their husband's property, the claim may be made that they are not taxed without representation for the property vests in their husbands and they pay the taxes. In the enlightened state of Kansas however, this argument cannot be made. Here the wife is regarded as an entity as well as her husband.

Marriage is a civil contract here in which she becomes a partner with equal individual rights with her husband. She is permitted to hold and manage individual property and is taxed on it just as her husband is taxed on his but has no voice in saying how the taxes she pays shall be used. That is clearly taxation without representation, which the Revolutionary fathers declared was tyranny.

This is the argument in favor of equal suffrage from the property and taxation standpoint. Later on I will take up the question from the far more important standpoint of personal rights and personal responsibility.

### A TYPICAL KANSAS TOWN.

Not long ago I visited the little town of Halstead. Halstead is a town of just about 1,000 people, a good little town surrounded by a good country. Every year the people in that region gather in the grove at Halstead to hold their old settlers' picnic.

The woods were simply full of people. There must have been not less than 5,000 or 6,000. If there was a single rowdy or a single man or boy who was under the influence of liquor I did not see him. It was just a big crowd of good natured, well-behaved and well dressed people having a little outing.

It is possible to gather the same kind of a crowd in a great many places in Kansas, but I have my doubts as to whether it would be possible to gather that sort of a crowd in any place in any state where saloons are permitted by law.

And if a couple of joints were turned loose in the town of Halstead there could not be that kind of an old settlers' picnic held there. However, there is no danger of that. The people have too much sense.

Babies have been born in and around Halstead and grown to be middle aged almost, who never saw a saloon. They have been reared in an atmosphere that has made them regard a saloonkeeper as just about on a level with a horse thief and they would just as soon think of tolerating a gang of horse thieves in the town as to tolerate a saloon. As a result of that kind of education there is no need of a police force to take care of the crowd at the annual Old Settlers' Reunion. A man going around there with a policeman's uniform on and a billie in his hand would be regarded as a curiosity and the question would be asked as to what sort of a show he was giving and what he charged for admission.

### SAVING THE WASTE.

Some 18 or 19 years ago a Shawnee county farmer, Mr. Peck, built an earth dam across a draw on his farm. The dam was built for the purpose of impounding water for stock purposes.

A year or two ago the muskrats began to work on the dam, causing it to leak. In order to reconstruct the dam as well as to get rid of the rats, Mr. Peck took it out. He found that in the years the dam had stood there had accumulated in the bottom of the draw 3 feet of fine rich sediment, as fertile as the sediment spread by the river over the valley of the Nile. He hauled out 200 loads of this rich muck onto his field and has found it more valuable as a fertilizer than good barnyard manure.

This experience of Mr. Peck simply illustrates the enormous waste of wealth that is going on in this country every year. As Mr. Peck says, if it had not been for this little dam those 200 loads of fertilizer would have been carried down into the creek, and from the creek into the river, without benefiting any human being but subtracting that much from the natural fertility of the land.

Any person who will stand on the bank of the Kaw or the Missouri during a flood can get some faint conception of the enormous waste of material that might in large part be saved to fertilize the lands and add to the material prosperity of the people. Of course the amount of rich sediment that is carried away by the rivers of the country cannot be calculated, but that it is so enormous as to be almost beyond the power of human computation is certain.

After the disastrous flood of 1903 the writer, impelled by a feeling that he ought to do something to help the people of North Topeka who had suffered from that disaster, took a shovel and in company with another soft-handed gentleman, undertook to shovel the mud out of one of the houses that had been flooded.

I think it is no exaggeration to say that we found the floors of that house covered a foot deep with a black jelly-like mud which had been carried in and deposited there by the flood. Now that mud was the very essence of richness. If it could have been scattered over the poorest land in the county to the depth of 3 inches it would have made



a garden spot out of what was a barren tract before.

And with a proper system of reservoirs beginning at the head waters of the various streams that poured their floods into the Kaw on that disastrous occasion, there would have been no flood waters sweeping over North Topeka and the valley lands, bringing destruction of both life and property.

There are vast areas in Europe and Asia which were once fertile and capable of sustaining vast populations of people which are now desert wastes because the fertile soil was washed away by floods. It is probable that the fertility of these depleted districts can never be restored because in many cases all the soil has been washed away, leaving only the barren rock, but the United States is still comparatively virgin land.

The waste here has been enormous but in most cases there is still enough soil left to build upon if there was instituted a comprehensive system of conservation.

During his term as president, Roosevelt had prepared a map showing the depleted areas in Asia and Europe and in several messages laid the facts before congress but so far comparatively little has been accomplished in the way of soil conservation.

This is to my mind one of the most vital and important problems to be solved by our people. You may legislate about trusts and combines and tariff until the cows come home but if the waste of the natural resources of the country is permitted to continue, it is only a question of time until the people of this country will be plunged into hopeless poverty.

A good deal can be done by private enterprise. Individual farmers can build dams such as Mr. Peck built that will not only furnish water for stock and irrigation purposes but will save to some extent the waste that is constantly going on, but I think the great and comprehensive system of conservation must be carried on as a public enterprise.

In order to do that we must be able to utilize our vast wealth in a fluid form. The state of Kansas for example, has an assessed valuation of \$2,700,000,000. If we could have the privilege of using 100 million dollars or even 50 million dollars of that in the form of fluid credit on which we would not be obliged to pay tribute to the money grabbers of the world, we could build such a system of reservoirs and develop such a system of water power as has never been seen in the world heretofore.

While we were helping ourselves by saving the rich material that is now going to waste and worse than waste, we would help the people who live along the Mississippi valley, for our system would hold back the flood waters that now rush down there carrying wreck and desolation.

Have we sense enough to solve the problem? Have we sense enough to control our own credits and utilize them for our own development instead of turning them over to a dozen men and then paying them usury on so much as they permit us to have? For that is what we are doing. To say that the business of this or any other civilized country is done on what is called real money is absurd. The business is done on credit. We turn our credit over to the few who control the finances of the country. They issue credit back to us and charge us interest on what originally belonged to us. Will we ever have sense enough to utilize our own credits in developing our own resources? I do not know.

**THE CASE OF FRANCE.** The population of France is at a standstill, according to reports. It is even claimed that the death rate exceeds the birth rate, although I observe that the population of France has been slowly increasing from decade to decade. There is a good deal of fuss made over this and the writers, mostly representing the leisure class, are disposed to criticize the French people.

Unless the birth rate is restricted by criminal means I see no reason to criticize the French people. It is generally conceded that there is more general prosperity among the French people than among any other people in Europe and the reason seems to be that the French people have had sense enough to recognize the fact that the population of their country is already as large as it can comfortably sustain.

The unborn babe has some rights. It has the right to a healthy parentage for one thing, and it has the right to be born into a world where it has a fair chance.

Japan with an arable area of less than two-thirds that of the state of Kansas, has a population exceeding 50 million. The average income of the Japanese is said to be about \$24 per annum out of which the government takes in the way of taxes about \$4.50. This leaves the Jap with an annual income of a trifle more than \$18 a year, out of which he must clothe and feed and house himself, and such members of his family as are not able to help in the work.

The Japs are a wonderfully industrious people. They have to be. But what show has the Japanese boy baby when it is born into the world? It has before it the prospect of partial starvation as long as it lives. The chances are that it will never know what it means to have all it wants or needs to eat.

Here is the case of a superabundant population

constantly increasing and constantly narrowing the chances of every baby born into that part of the world. With such an overplus of population there is little prospect of betterment in the conditions of the laboring classes. Their compensation will of necessity be limited to the lowest amount on which it is possible to exist. Is it fair to the baby to bring it into the world under such conditions? I think not.

A century ago the French people knew what it was to drink the dregs of poverty. The gaunt specter of starvation sat at the rude table of practically every peasant. The French Revolution with all its horrors and the bloody Napoleonic wars that followed were horrible, but they had a vast educational effect on the minds of the French people. They got a taste of freedom and even if the morsel was saturated with blood, it was better than the mouldy and infrequent crusts of poverty they had had before.

There was born a new thought and that was that their children yet unborn had some rights beyond being brought into the world to serve the whims and minister to the luxuries of an idle and profligate aristocracy.

So I have not been able to work up a worry over the declining birth rate in France or in the United States. I notice that France is the one country from which the people are not emigrating, which indicates that they enjoy a reasonable degree of prosperity and contentment at home.

It is not because they lack energy or thrift that the French do not emigrate. They are noted for their industry and thrift. Their lands are subdivided into small tracts. There is little of landlordism. The father and mother own and till their little farm and the children grow up and take their places when they are disabled by age. If the population was rapidly increasing this could not be. The young men and young women would be compelled to emigrate and seek homes in other lands.

I have noticed that among families in comfortable circumstances in this country as a rule, the number of children is limited to not more than two or three. Do these people love their children less than the people who have enormous families? Not at all. They recognize the fact that the children they bring into the world are entitled to a fair chance, to a reasonable education and reasonable degree of comfort.

Of course heretofore with a vast area of undeveloped country and abundant opportunity for more people than we had here, there was no necessity for restricting the birth rate so far as the children were concerned, but in those countries where the population is already up to the capacity of the production of the country, a restricted birth rate is a blessing, not a curse to the land.

#### SECRETARY COBURN REPLIES TO MR. SHEPHERD.

Editor Mail and Breeze—I observe on page 5 in the Mail and Breeze of August 17, that a Mr. Shepherd, of Clay county, is aggrieved by the official or other publication of crop yields, and especially so if the yields suggest some degree of abundance or prosperity. Also that he says, "When Coburn reports that Kansas will have 90 million bushels of wheat, he hits the farmers a fatal blow."

Please say to Mr. Shepherd and the class of well-meaning but poorly-informed critics to which he seems to belong, that "Coburn" has not said anywhere at any time that "Kansas will have 90 million bushels of wheat," or for that matter, any wheat whatever. Further, that when he does issue a statement of what the wheat or any crop has yielded it will not be "Coburn's report," but a consensus of the carefully scrutinized and analyzed statements from 1,600 to 2,200 time-tested conservative, observant reporters, representing every locality, and chiefly farmers, who raise the crops upon which they report. The figures "Coburn" gives out are theirs, not his. No one ever claims they are "entirely accurate," but the world's commerce accepts them without question as a basis for business.

I do not believe these reporters are less honest, less observant, or less patriotic than your correspondent, who avers that "secretaries of agriculture are ever ready \* \* \* to magnify and greatly exaggerate yields of farm products," or "hit the farmers a fatal blow." My acquaintance includes no such secretaries, and if they existed they surely would not long survive.

I know from experience it is lamentably true that many tenant farmers realize but a meager return for the hard work done by themselves and their families, but being a farm renter does not necessarily make a man the repository of all wisdom, all virtue, or all loyalty to his state, any more than being a secretary makes him the opposite.

Topeka, Kan.

F. D. COBURN.

#### TENEYCK HAS RESIGNED.

Word comes from Manhattan that Prof. TenEyck has resigned as superintendent of the Hays Experiment station, the resignation to take effect the first of the year. The news is confirmed in the following press notice from the college department of journalism:

The Kansas Agricultural college is to lose another one of its valuable men. A. M. TenEyck, superintendent of the Fort Hays Experiment station, has resigned. The resignation, to take effect January 1 next, was accepted by the regents of the college yesterday. It is not known here what Mr. TenEyck's plans are. Until his successor is chosen, G. K. Helder, assistant superintendent of the Hays station, will be in charge there.

Ten years of hard service for the agricultural interests of Kansas will have been completed by

Mr. TenEyck next month. He came to the agricultural college in 1902. He was the first head of a department devoted solely to soils and crops. To him belongs much of the credit for building up this department—the department of agronomy—to its present usefulness to Kansas farmers. He also organized the work in farm management and farm mechanics now taught at the college.

Probably the greatest results from his work in this state have been in the betterment of seed for planting, particularly corn and wheat. He showed farmers the value of planting pure seed, supplied them with this seed or told them where it could be obtained and advised them about the planting. It was TenEyck, more than any other man in the country, who discovered the Idaho wheat fraud a few years ago and thereby saved millions of dollars to farmers all over the country. The Idaho wheat was one of the greatest "finds" of the age; it would yield as high as 200 bushels to the acre. Following TenEyck's denunciation agronomists all over the country investigated the new wheat and gave similar opinions. As a result the Idaho wheat bubble burst.

Mr. TenEyck was intensely practical in all his work and in his advice. Because of this farmers were eager to have his opinions on all matters of crop raising. The results of his experimental work at the college and at Hays as well as the results on the thousands of farms in the state where his methods were followed, showed the practicability of the things he advocated. His articles and answers to inquiries printed in various agricultural papers of the Central West gave him a reputation enjoyed by few agricultural authorities. He is the author of 10 bulletins published and sent out by the Kansas Agricultural college.

It is hard to do justice to Prof. TenEyck's splendid service to Kansas, but this is a very good statement of it.

When Prof. TenEyck came to the state he was the one man needed to hitch up Kansas farming with agricultural progress and he has accomplished the job. For nearly 10 years he has talked it and written it untiringly, in language and terms that farmers could understand. During this time he has continually been at their elbows, both in print and by letter, with suggestions of the most seasonable and workaday value, and, largely as a consequence of his labors, the Agricultural college of Kansas probably stands closer today to the men who actually till the soil than any similar institution in the United States.

There is a fair possibility Prof. TenEyck may now decide to carry out one of his pet projects and go into actual farming for himself. In that case Kansas still may keep him. If it were necessary to assure such a desirable result, the state might well afford, even as a cold-blooded business proposition, to make him a present of the land.

#### Observations by Old Cy.

"I didn't ask to come into this here old world," remarked old Cy Plunkett, "and neither am I goin' to be consulted about the time of my departure. When death gits ready for me he won't say, 'Mr. Plunkett, when would it be convenient for you to travel with me?' He will simply reach out and remark, 'I want you Cy, it's time to be moving along.'"

"Therefore, I am not goin' to spend time worryin' about what I couldn't help to begin with, that is, my comin' here, nor what I can't no more help, to wit, the time of my departure. I am convinced that people give themselves a lot of unnecessary trouble worryin' over things they can't help. They also cause themselves a lot of grief by lettin' their imaginations picture up things a good deal worse than they are.

"I believe in reforms all right, and I like to see people tryin' to improve conditions. It is the people who really are interested in improvin' conditions who are responsible for most of the improvement there ever has been in the world. But somehow I can't have much sympathy with the feller who sees red all the time.

"I think I can see a hull lot of places where there might be improvements. I think I know a lot of selfish cusses who want about all the good things there are in life and act as if they believed the world was made for their especial benefit, and if they get what they want it doesn't make much difference what other people get out of it. I would like to see that selfish crowd put out of business, and I am ready to jine any reasonable and proper move to do 'em up, but while that is true I am not disposed to sit around clothed in garments of sackcloth and with ashes on my head mournin' because everything is goin' to the devil. I can't see it that way. Mebbe I am off, but I don't think things generally are in half as bad shape as some people suppose.

"I haven't read as much history as some, but from what I have read I am satisfied that this here is the best age the world has ever seen, and for my part I am right glad that I was born when I was rather than 200 or 300 years sooner, or 100 or even 50 years sooner than I was, and furthermore, I think the feller who doesn't come onto the stage of action till 50 years after I have passed off will be a luckier man than me or any man who has lived before me.

"In other words, my readin' of history convinces me that every age is a leetle better for the common plug citizen than the age that preceded it. This common plug citizen hasn't got all that is comin' to him yet by considerable, but he is comin' nearer gettin' what is comin' to him than he ever did before. So I don't propose to lose sleep worryin' over conditions. They might be better, but they are not so worse as it is."



# AN IMMENSE CROP LOSS NEAR

Prof. Cottrell's urgent appeal to take immediate action against the chinch bug by sowing alfalfa this fall in place of wheat—or, at least, not to sow wheat, or to sow as little wheat as possible—will not strike the old time Kansan as an extreme measure. He remembers the "sow no wheat" slogan of the 80s and the havoc wrought by the chinch bug which made it necessary. Prof. Cottrell's warning is based, more or less, on 40 years' intimate and practical acquaintance with Kansas agriculture, part of the time as a boy on a Riley county farm and later for a number of years as agriculturist at the Agricultural college.—Editor's Note.

**F**ROM information and observation I believe that in central and eastern Kansas, at least, we are laying the foundation for an immense crop loss in the near future by permitting conditions that encourage the rapid increase of the chinch bug. In my opinion the matter is of enough importance to justify an appeal for immediate action to prevent a threatened calamity.



H. M. COTTRELL.

The old timers will bear me out in the statement that the enormous losses Kansas suffered on account of the chinch bug in the 80s and the 90s, were due to growing wheat and corn year after year on a large scale. This provided food and quarters for the bugs the year around and led inevitably to their rapid increase.

It finally became necessary in Kansas, in order to reduce their numbers and starve the bugs out, practically to abandon wheat growing in many parts of the state. At that time, in this part of Kansas, there was an unwritten law

**If We Continue to Grow Wheat and Corn and Make Life Easy For the Chinch Bug**

**BY H. M. COTTRELL**

Agricultural Commissioner R. I. Lines

*Written For Farmers Mail and Breeze*

The enormous losses Kansas suffered on account of the chinch bug in the 80s and 90s were due to growing wheat and corn together year after year on a large scale. This provided food and quarters for the bugs the year around and led to their rapid increase. Apparently Kansas has forgotten the costly lesson learned 20 years ago. For a number of years, in central and eastern Kansas, we have been growing wheat and corn in increasing acreage side by side. The chinch bug has again reappeared in numbers and is multiplying at a rapid rate. By next year we may confidently expect half our crops to be destroyed by the chinch bug if we continue to be careless. And in two years more we may lose our entire crop.

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

that no one was to plant wheat, and the man who disobeyed this behest of his neighbors was made to feel their displeasure in so many ways that he was not likely to offend the second time.

Largely by this means the chinch bug was practically conquered in those days.

Sufficient time has since elapsed for Kansas to forget the costly lesson it learned 20 years ago. For a number

of years in central and eastern Kansas we have been growing corn and wheat, side by side, in increasing acreages.

The chinch bug has again reappeared in numbers and is multiplying at a rapid rate. Much damage to Kansas crops was done in 1911 by the bugs. This year information carefully ascertained, indicates that Kansas crops have been injured from 5 to 10 per cent by chinch bugs which were in such numbers that during the flying

season swarms of them were to be found on the streets of Topeka. By next year we may confidently expect half our crops to be destroyed by the bugs if we continue to be careless. And, in two years more, if we continue to grow large acreages of wheat and corn together we may lose nearly, if not quite, our entire crop in Kansas.

This is close enough within the possibilities to make urgent a prompt application of the remedy at hand; that is, sow no wheat this fall.

"Sow no more wheat for the bugs to winter on"—was the Kansas slogan in 1886.

At least, sow no wheat after wheat, burn over the stubble and the roadsides, burn out the fence corners and burn the bunch grass and bluestem close to the ground. The best time to do this, with most damage to the bugs, is just before winter when the grass is dry enough to burn well down to the roots.

We can sow alfalfa instead of wheat. It is not too late to sow alfalfa in a well-made seedbed. Let us cut out the wheat this fall, if at all possible, and turn to alfalfa and livestock. There is a shortage in the swine states of 10 million head of swine and the shortage of beef cattle is now an ever present fact.

While there is still some risk of hog cholera the opportunity for profit makes taking that risk worth while. With alfalfa in the combination it is not difficult to get returns of \$50 per acre.

In the light of our past experience there is only one way to fight an oncoming scourge of chinch bugs. That is by widespread measures. In regions where corn is the principal crop this remedy is the abandonment of wheat raising. Where wheat is the more reliable and valuable grain crop, let alfalfa take the place of corn in order

(Continued on Page 15.)

## TEN MILLION HOGS WANTED

**Soon Fat Hogs Will Be at as Great a Premium as Steers Are Now**

**BY H. R. NELSON**

*Written For Farmers Mail and Breeze*

**T**HE report is spreading abroad, and appears to have originated from authentic sources, that there are 10 million fewer hogs in the "swine belt" this year than there should be. No, this does not mean that there are 10 million fewer than the packers would like to see, but that we are actually that many short of supplying the normal demand for pork. If this is so—and there is every reason to believe that it is—fat hogs will be at a premium within a few months just as steers are now, and a good many men who sold their old sows and young stuff last winter because of the feed scarcity will wish that they had them back, and keep on wishing good and hard. Fortunately it takes less time to make up a hog shortage than a shortage with any other sort of livestock because the pig of this year is the sire or dam of next year's litter, but even if many were to go to handling hogs and handling them on a large scale and even if there was no loss from cholera—which unfortunately is not the case—it would be at least two years before this shortage could be completely met.

This great scarcity of porkers means that many people are going to be forced to do without their ham or bacon, and that even sausage made from the scraps will be at a premium. It is to the interest of every farmer and stock grower to see that the meat-eating habit of this great meat-consuming nation is not forced to give way to vegetable diets because of meat famines. If the growers will only look far enough ahead, they will readily see that they cannot afford to sacrifice future years' profits for this year's gain, which they do whenever they sell off sows or young unfinished pigs because of tempting prices. If every man who can, will but put on "full steam," hold his breeding stuff, raise two litters a year wherever possible and watch their health, this 10 million deficit will soon be met and a meat-eating nation will not have been forced to change its diet, or the ex-

port trade turned to other countries—to the detriment of all concerned.

**Advantages the Fall Pig Has**

BY H. E. McCARTNEY.

Mr. Editor—The fall pig usually has the advantage of getting a good start. An abundance of green feed can always be provided at this season. This is just what the sow needs to nourish her pigs, both before and after farrowing. The weather is usually warm and the sows and pigs are not confined in houses as they often are in the spring. This lessens the danger of thumps in the pigs and prevents, to a large degree, constipation and general disorders of the sow. Later in

the season when the grass dries up and the pig is weaned is when the fall pig is in the greatest danger.

A patch of fall sown rye will furnish about the latest green forage that can be provided on the farm. Whatever the pasture furnished, the youngsters should be kept upon it as late in the season as possible. The stock of pumpkins that has been raised in the cornfield as an extra crop will help wonderfully in keeping the young porkers healthy and thrifty after the pasture crops have dried up or are frozen down. Skim milk and buttermilk are just as good pig feed as they ever were.

Some feed containing protein and ash must be supplied. Of course, milk can-

not be had on many farms. Something else must then be used. There is one common source of protein upon every farm that is not as generally used as it should be, nor as it will be. That is hay of alfalfa and clover. These two crops are naturally rich in protein and every farmer knows that they are the best hay crops that can be raised for producing growth and muscle on calves and colts. They have the same effect upon pigs, but, of course, pigs are not capable of eating as large amounts as are calves and colts. Some feeders chop alfalfa or clover into short lengths and mix the cut hay with corn and later soak it. Others have tried steaming the hay either cut or whole, thinking it would renew the qualities of green feed. The old way of throwing a small pile of it into the pen in a dry place is generally satisfactory.

Where there is no feed rich in protein on the farm it will pay to buy it, even though it is high in price. Corn is too one-sided, too fattening, and must have something to balance it. Packing-house by-products, oil meal, and wheat bran are all very good and each has its advocates.

**Get Rid of All Lice.**

Exercise is all important. If the young porkers have a large lot or their summer pasture to run in they will usually get enough exercise of their own accord. Hogs following cattle are nearly always more thrifty. Whenever lice or their nits are noticed on the pigs they should be dipped twice at 10-day intervals before winter sets in. Worms are probably more harmful than lice. Last winter the writer saw a bunch of fall pigs that was as runty and stunted as pigs could possibly be. This lot was treated for worms, after which worms of all dimensions and in almost countless numbers were passed from the pigs. Six weeks later the pigs but very little resembled their former selves, having improved so much in appearance.

Fillmore county, Nebraska.



Hogs fed on corn and alfalfa. In a long series of tests the Nebraska station has found the best way to feed alfalfa in fattening hogs is to feed them 1 pound of hay to 9 pounds of corn. Gains were made faster and cheaper when the hay was fed in a rack than when the alfalfa was chopped or ground.



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## Ten Eyck's Replies

TO FARM QUESTIONS

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

### Sweet Clover in Thin Alfalfa.

I saw in the Mail and Breeze of August 10 your reply to the question of W. M. M., Mahaska, Kan., in regard to re-seeding thin alfalfa. I would suggest he seed the bare and thin spots to Sweet clover. It will grow where alfalfa will not grow well, and all being made into hay, the livestock will eat it and never know the difference. The field would be occupied by the Sweet clover for two years. The thin spots are undoubtedly poorer patches of soil which would be improved by the Sweet clover. If it was found desirable to retain the Sweet clover, it could be allowed to seed late in the second season. J. H. Prichard.  
Toronto, Kan.

I thank you for your letter of August 12, advising the use of Sweet clover. Perhaps your plan is a good one, if it is true that the soil is too poor in spots to grow alfalfa successfully.—A. M. TenEyck.

### Does Dry Wheat Go Through Sweat?

I enclose a statement over which a well-to-do farmer and myself have had a dispute and I want you to decide the question. Am I right, or is the opposite of my contention true?—M. N., Ellis, Kan.

According to my experience, your statement is correct that "perfectly dry" wheat put in the stack or in the bin will not sweat. As a matter of fact, however, this seldom occurs. There is always some moisture in the wheat when cut, which causes it to heat and sweat in the stack. Sometimes this sweating is very slight, as during the recent dry harvest; sometimes the heating is so great as to produce "stack burned" wheat. Also, "bin burning" of wheat may occur from the same cause; namely, the presence of too much moisture in the grain when threshed.

Your statement that wheat in the stack sweats, because there is "too much moisture" in the straw or heads is not fully correct. The sweating is due to the presence of moisture, but there may not be too much. A little moisture in the grain as harvested makes it handle and stack better; also, very dry wheat, as when threshed from the shock in dry weather, breaks badly and does not thresh so well as grain from the stack, which has passed through the sweat.

There is an old notion that the quality

### WELL PEOPLE TOO

Wise Doctor Gives Postum to Convalescents.

A wise doctor tries to give nature its best chance by saving the little strength of the already exhausted patient, and building up wasted energy with simple but powerful nourishment.

"Five years ago," writes a doctor, "I commenced to use Postum in my own family instead of coffee." (It's a well-known fact that tea is just as injurious as coffee because it contains caffeine, the same drug found in coffee.) "I was so well pleased with the results that I had two grocers place it in stock, guaranteeing its sale."

"I then commenced to recommend it to my patients in place of coffee, as a nutritious beverage. The consequence is, every store in town is now selling it, as it has become a household necessity in many homes."

"I'm sure I prescribe Postum as often as any one remedy in the Materia Medica—in almost every case of indigestion and nervousness I treat, and with the best results."

"When I once introduce it into a family, it is quite sure to remain. I shall continue to use it and prescribe it in families where I practice."

"In convalescence from pneumonia, typhoid fever and other cases I give it as a liquid, easily absorbed diet. You may use my letter as a reference any way you see fit." Name given by Postum Co., Battle Creek, Mich.

Read "The Road to Wellville" in pkgs. "There's a reason."

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

of wheat is improved by the sweating process in the stack or bin. I do not think there is much truth in this. It is possible that the color of the grain may be somewhat darkened by the heating, but if the heating is too great, the wheat is darkened too much or "burned" and its vitality is destroyed. However, the ordinary heating and sweating of grain, which is cut and stacked in good condition or which is threshed when dry enough to shell well, does not harm the wheat. A. M. TenEyck.

### Mulch Not Advisable for Alfalfa.

I have a piece of young alfalfa, seeded June 24, and there are many weeds in it. Would you advise mowing it to kill the weeds before they mature? Would it be advisable to let the cut weeds and hay lie on the ground for a mulch this winter? The ground is moist and the young alfalfa will not suffer from drought before frost in all probability. This crop is on upland where it is 160 feet to water.—V. W. G., Goodland, Kan.

This alfalfa should be mowed as soon as it reaches the blooming stage, and, if the weeds are very thick, I would mow a

method saves the fodder as well as the grain. The grains may be placed in bins without much danger of heating. If the stalks contain sap when threshed or if the weather is damp, the seed will retain enough moisture to heat in the bin. Some farmers maintain that dry Kafir or milo stored in large bins will absorb enough moisture in damp weather to cause heating and moulding. I have never observed this and doubt if it is true that the perfectly dry grain will absorb enough moisture from the air to cause it to heat and spoil.

This heating and moulding is always due to moisture on the grain or in the grain when it is put into the bin, according to my experience. Or perhaps the grain may be wet by a leaking roof or exposure to drifting rain. Of course the safer plan is to sack the grain or spread it on a dry floor, 2 to 3 feet deep. We store a large part of our Kafir and milo which we intend to use for seed in sacks at this station.

Heading and stacking is practiced in



First cutting of alfalfa July 26, 1912, on farm of Panhandle Agricultural Institute at Goodwell, Okla., on edge of "Great American Desert." Soil, upland, 155 feet to water. Alfalfa planted in rows and cultivated.

little earlier, tilting the sickle bar so it will cut about 3 inches high. This will destroy most of the weeds and will leave some undergrowth of alfalfa. I should judge from the size of the plant which you send that this field should be mowed in a week or by August 20. If the weed growth is heavy, better rake and remove the cut weeds and hay. Also, the alfalfa will have some value for hay and there is little advantage to be gained from the mulch, since the alfalfa and weeds will

our dry western counties, but it is necessary to leave the grain in the field until it is very ripe and cut it when there is no moisture on it from rain or dew. This method permits shattering of seed and the birds will take a lot of it before harvest, but it has this advantage; that the stacks may be protected from the attack of birds after harvest better than the shocks.

I have never headed and stacked sorghums in this way and cannot speak



Third cutting of alfalfa, July 26, 1912, on farm of Panhandle Agricultural Institute, Goodwell, Okla. Alfalfa planted in rows and cultivated five times this season. Soil is upland, 155 feet to water, on what was once the edge of the "Great American Desert."

start again, if cut soon, and make a good cover by fall. The danger in leaving the trash on the ground is that it may be too heavy in places and smother the alfalfa. A. M. TenEyck.

### Better to Cut and Shock Milo.

I expect to have from 1,000 to 2,000 bushels of milo, cane, Jerusalem corn, etc., and would like to know if I could head it and put it in ricks, like headed wheat, say 4 feet wide and as high as possible and leave it for some time until threshed. If I head and thresh at once how much of the grain can I put in one bin? If placed in ricks as mentioned how long should the heads be cut before threshing?—C. B., Red Willow county, Nebraska.

The better way is to cut and shock milo, Kafir, cane or Durra corn and head and thresh it when it is fully dry. This

from experience. I understand that the stacks should be narrow, perhaps 6 feet wide, and they should be covered with wild hay or other cover to prevent wetting by heavy rains. In my judgment cutting early and shocking, and heading and threshing later, is the preferable method. I am mailing circular letter giving further information on harvesting and threshing Kafir.

A. M. TenEyck.

### Government Positions Open.

All interested should write to Franklin Institute, Dept. E 177, Rochester, N. Y., for free list of Government positions open.

## Watch Your Hogs

during the hot weather. When the sun beats down they don't get enough exercise, they "get off their feed." Look out for Hog Cholera. Begin to mix

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with their slop—a quarter of a can to every barrel—a teaspoonful to five gallons. For Lewis' Lye is the best hog conditioner known—used by thousands of hog raisers. Don't take chances—get Lewis' Lye at once—better be "safe than sorry." It is in the can with the Quaker on it. Ask your grocer or write to us for our free lye book.

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## JAYHAWKER FARM DOIN'S

BY H. C. HATCH, GRIDLEY, KANSAS.

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

Primary election day brought us an inch of rain, the first fair shower we had had in 35 days. That corn stood the dry time so well is due to the cool cloudy weather.

The fate of the corn crop in this section is still a matter of doubt. We notice the local paper at the county seat says we are going to have one of the biggest crops ever raised. Wish we could raise corn as easily as those town fellows do.

It is now plain to be seen—on this farm at least—how much better listed corn stands dry weather than top-planted. The top-planted corn was away ahead until about the middle of July when the listed crop began to catch up. The top-planted corn has a larger stalk but it is fired half knee high while the listed corn has not a fired leaf on it.

Our top-planted corn is on bluegrass sod, plowed last fall, disked twice this spring and then harrowed. The corn came up and grew so well that we began to think it would make the best corn we had ever raised in the state. It has made a big stalk growth and the stalks are very leafy but the dry weather prevented it from earing well. On the other hand, the listed corn with not near the promise of stalk growth is earing quite well and the stalk is green to the bottom.

Had rains continued, the top-planted corn would have been far the best and we would then have kicked ourselves for not having more of our crop put in that way. It just goes to show that farming is mostly guess work and that what is the best one season is the worst thing to do the next. We have to guess as well as we can and let it go at that.

Reports from over the country, especially to the north, show that the binding twine supply has been more nearly used up than ever before. Early indications were for a light crop of small grain, and twine makers did not manufacture a heavy stock. Then came on one of the best small grain crops harvested in recent years and it grew on straw that took much more than the usual quantity of twine per acre. This may make twine harder to get for corn and Kafir binding and it would be safe to lay in a supply soon. It does not cost any more to buy it now and then and it will be on hand when needed.

We laid in a full supply of twine for both corn and Kafir the last time we went to town. We bought the Kansas penitentiary twine for we have found it very good for the heavy work it has to do. This twine does not go as far as Manila twine, but on the other hand it is very strong and will hold its strength all winter even when exposed to the weather. Last spring we found the bundles tied with this twine were just as hard to break open as they had been the fall before. We paid our local dealer 8 cents a pound for this twine while 11 was charged for Manila.

The shocks of flax standing in the field are just loaded with flax bugs or flax flies. We do not know whether these bugs damage the flax; we cannot see that they do any harm, yet they must eat something and we never see them anywhere except on flax. It is unpleasant to have a teacupful or more fall all over you when you put a shock on the wagon, but aside from that we have not thought the bugs did any particular damage. If they do eat flax they don't eat much; at any rate their feeding never shows.

The high prices now being paid for all kinds of livestock are inclining most farmers to get hold of all the thrifty young stock they can. It is bringing out, as never before, the truth of the old saying that the way to make money in livestock is to get in the game and stay

in. Trying to have heavy stocks on the high markets and light ones on the low spots never works well; the best way is to handle about so many each year and not to get discouraged because one year happens to show no profit. Enough men will get discouraged over it to make the profit of the next year or two big enough to absorb all the losses.

As it will not be very long until the pasture season breaks up we wish to call attention to a feature of the law in regard to the collection of pasture bills that is not generally understood. Many have the idea that a part of the stock can be held for the pasture bill of the whole, but this is not so. For instance, if you are pasturing 100 head of cattle for a man and he takes out all but 20 head without paying anything on the bill you cannot hold the 20 cattle remaining for the bill of the 100; they will hold only for themselves and no more. This is the law as we found out last season and it might be well to remember it if you are in the business of pasturing stock for other people.

In spite of all the talk about poor seed last spring we see, in our drives over the country, 10 fields planted too thick where there is one too thin. Corn which stands only 14 to 16 inches apart in the row makes a fine showing when small but when earing time comes the owner of that stand will be complaining that his corn is too thick 9 years out of 10. There is far more corn lost in Kansas by thick planting than ever has been by thin and in view of the last three years we think we are not far out of the way when we say that 2 feet apart in the row is plenty thick enough for most of the upland corn in the state.

Much complaint is heard these days about the high price of meat. This complaint comes from the towns and cities for the farmer who is getting \$8 for his hogs and all the way from \$5 to \$8 for cattle is not concerned over what his meat costs him. But the farmer is not to blame for this high price and neither is the packer although there is much howling about the "meat trust." The truth is, that no manufactured product is handled in this country and put on the market with so low a margin of profit as the packer takes. The great part of the cost is added after it leaves the packer's hands and we cannot wonder much at it either. When town folks buy their meat a pound or so at a time and expect to have it sliced and delivered at the door they must expect to pay for the service.

One remedy for the beef shortage that we have seen advanced, and by men that ordinarily would be supposed to have more than the common share of good sense, is to prevent by law the killing of females under the age of 2 years. They say that immense numbers of calves are being killed every year, which is true, but if a law can be passed that will compel a farmer to keep livestock he does not want and at a loss besides, then laws can be passed that will compel the city manufacturer to run his plant to full capacity whether it pays him or not. If they compel us to keep our calves they will of course stand ready to pay a price that will make it worth our while. But the idea that the farmer can be compelled, by law, to raise cheap meat for consumers is supremely ridiculous. Cheaper meat will not come until there is cheaper feed and cheaper feed will not come until there is more help on the farms. If anybody insists on moving to town or to the cities, let him be prepared to pay the price and give up the idea that farmers can be compelled by law to furnish him a cheap living. Such a law could be made to cut more ways than one.

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

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The Chalmers "Thirty-six" gets you into town in about the time it used to take to hitch up the team. Hills make no difference, and heavy roads mean only shifting the gear from high to third speed.

You have thirty-six real horse-power under your hand, with the wheels, axles, and frame to carry it.

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The two great points about the "Thirty-six" are *reliability* and *real economy*. Economy depends on what you get out of a car as much as what you put into it.

When you buy a Chalmers "Thirty-six" you are *through buying cars*; you've got something that will stand up under you for a good many years and will cost you less, per year of service, than any other car.

Think of these splendid features in a medium priced car: Electric lights, self-starter, Turkish cushions, nickel trimmings, speedometer, long stroke motor, demountable rims, 4 forward speed transmission, dual ignition system, carburetor dash adjustment.

Let us send you our book, "Life Story of the Chalmers Car." This will answer all the "Whys" you have in mind, as they cannot be answered in this short advertisement.

"Thirty-six", \$1950; "Six", \$2400.

Fully Equipped.

Chalmers Motor Company.

Detroit, Michigan



This monogram on the radiator stands for all you can ask in a motor car

Please send "Story of the Chalmers Car" and catalogue of 1913 cars

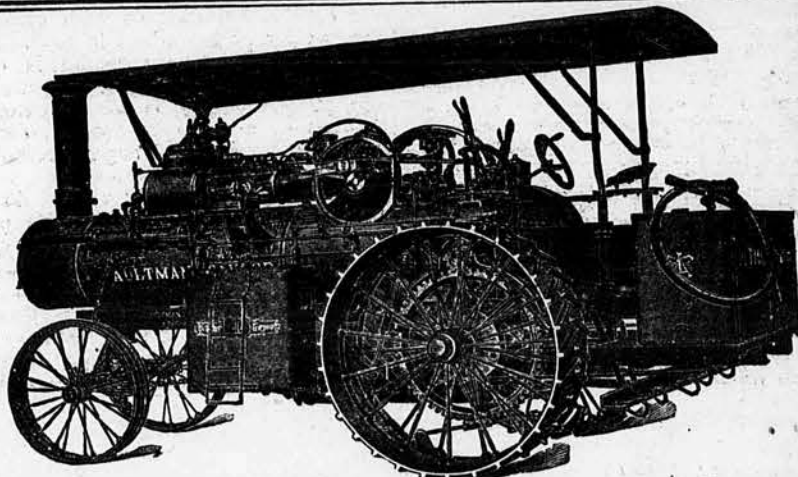
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Loaned free for 30 days—no money down—freight prepaid—cash or credit. It grades, cleans and separates wheat, oats, corn, barley, flax, clover, timothy, etc. Takes cockle, wild oats, tame oats, smut, etc., from seed wheat; any mixture from flax. Sorts corn for drop planter. Rids clover of buckhorn. Takes out all dust, dirt, chaff and noxious weeds from timothy. Removes foul weed seed and all the damaged, shrunken, cracked or feeble kernels from any grain. Handles up to 80 bushels per hour. Gas power or hand power. Easiest running mill on earth. Over 250,000 in use in U. S. and Canada. Postal brings low-price buy-on-time proposition and latest Catalog. I will loan 500 machines, "first come, first served." Write today if you want to be one of the lucky 500. Ask for Booklet 47. (39)

THE MANSON CAMPBELL COMPANY, Detroit, Kansas City, Minneapolis



## A Few Suggestions for the Careful Buyer

When purchasing a traction engine special attention should be given the manner of mounting, engine and traction gearing to the boiler. In the "Aultman-Taylor," the engine and all traction gearing are mounted on an independent channel mounting. This is the proper method of construction as the boiler has but one function to perform—to produce steam. It costs more to build an engine of this type, but it more than pays for itself in prolonging the life of the boiler. Another feature to be given careful thought is the construction of the boiler. We feel safe in saying that we are offering you the best traction engine boiler built. It has an exceptionally deep fire-box, which prevents leaky flues and gives better combustion and more heating surface. Fire and ash pit door openings are made by flanging the plates, thus eliminating the objectionable cast ring found in so many cheaply constructed boilers. These two points are liable to be overlooked when purchasing a traction engine, but they are of utmost importance and should be given careful thought. A postal card will bring our catalog, or better still, call at our nearest branch.

THE AULTMAN & TAYLOR MACHINERY CO., MANSFIELD, OHIO  
Branches: Kansas City, Mo., Wichita, Kansas



## Feeds & Feeding

QUESTIONS ANSWERED  
by Prof. G. C. Wheeler

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

### How Feed An Aged Cow?

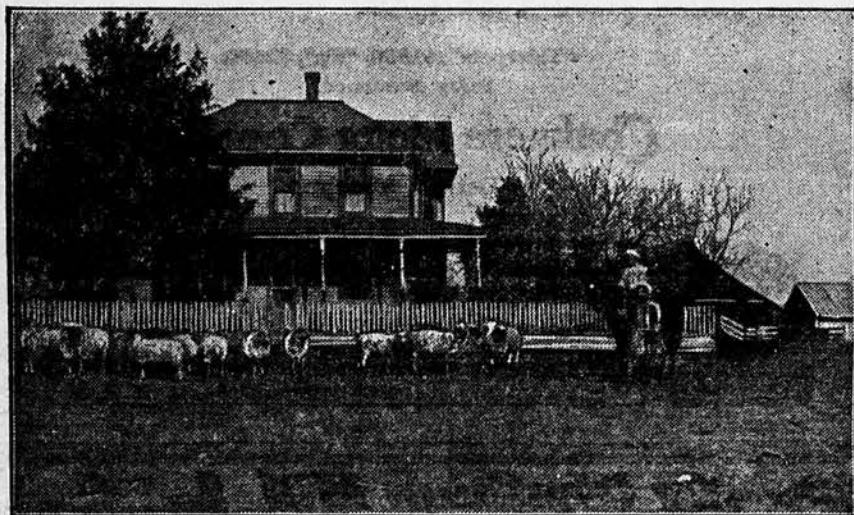
I have a registered Jersey cow. She is old and poor, cannot chew alfalfa hay well but is too good to be disposed of. She has been fresh four weeks. Do you know of any good way to feed her to get into and keep her in good condition? She is a good feeder.—A. F., York county, Nebraska.

About the only method of feeding I could suggest for this old cow is that all her feed be given in a ground or cut condition. Alfalfa meal could be substituted for the ordinary alfalfa hay ration and grain feed could be finely ground and incorporated with the alfalfa meal. The whole mass might be slightly moistened at feeding time to render it more palatable. If silage is available this would be a valuable addition to the ration.

G. C. Wheeler.

### Raises Horses, Cattle, Sheep, Hogs.

Coffey county, in the middle of eastern Kansas, is one of the good livestock counties, but there are probably few Coffey county farmers who are raising more kinds of fine stock than our Mail and Breeze friend and reader, S. P. Fenton of LeRoy. He is producing Percheron



Farm home of S. P. Fenton, a Coffey county reader of Farmers Mail and Breeze. He raises Percheron horses, Shorthorn cattle, Shropshire sheep, and good hogs; and is a thoroughbred farmer himself.

eron horses, Shorthorn cattle, Shropshire sheep and a cross between a purebred Duroc and a Poland China which he considers the best farmer's hog on earth. He writes that he tries as far as possible to grow the feed they consume on the farm.

Mr. Fenton bought the farm and farm home shown in the picture, four years ago. He has since added a silo which he considers is an insurance policy for successful farming in that part of the state.

### This Will Restore Some Pastures.

Mr. Editor—The best method of restoring prairie pasture that has been badly eaten out is to let the pasture rest about three months during the pasture season. Another good way is to disk in some other grass seed when the ground is damp. I keep the stock off this grass until it has a chance to get set so as not to be tramped out while young.

Frank Foster.

Lenapah, Okla.

### Capper Boys' Beef Show Soon

A SHORTGRASS ENTRY.

Indications are that the Capper Boys' Baby Beef club will next month make its first exhibition in the fat steer class at the Kansas state fairs in a creditable manner. Some of the boys will show at Topeka and some at Hutchinson. Entries for the contest may be made as late as the day previous to the opening date of the fairs.

To date, Jesse W. Reeve, a 14-year-old Stevens county boy is the latest

to enter a calf. He lives at Hugoton and writes as follows:

My calf was 1 year old the last of July. It is a grade Shorthorn range steer, red in color. I am feeding it about a quart of soaked wheat a day and it runs on a bunch grass pasture. It was hand fed, as we milked its mother. My only experience feeding livestock for myself was with a pet goat I once had, but I have been living on a farm for the last five years and as my father was away from home much of the time, have taken care of the livestock.

Hugoton, Kan. JESSE W. REEVE.

Everybody will wish to see a boy like that land one of the cash prizes. This he undoubtedly stands a good chance of doing.

### Best Crops For the Silo

BY C. H. ECKLES,  
Dairyman, Missouri Experiment Station.

Mr. Editor—Corn is pre-eminently the crop for the silo. The yield of total nutrients per acre in corn is greater than is ordinarily secured from any other. It has the further advantage of packing well to exclude the air and contains the proper amount of sugar to form the acid needed to preserve it without becoming too sour. On account of the fact that corn silage lacks protein it is a rather common practice to combine a certain amount of green cowpeas with the corn. This combination has been found successful if too large a proportion of cowpeas is not used. If one-third cowpeas and two-thirds corn are put together in the silo the resulting silage is of excellent quality and somewhat better in feeding value than that from corn alone. In filling, one load of peas is cut to two loads of corn.

Cowpea silage alone is not of good quality. It undergoes a change more in the nature of rotting and does not make



E. Myers,  
President,  
E. Myers  
Lye Co.

## There Is A Specially Prepared Lye That Prevents Hog Cholera

It didn't "just happen" that **Merry War POWDERED Lye** has proved itself, by the actual experience of thousands of farmers to be the **safest preventive of hog cholera, destroyer of worms and the best hog conditioner and fattener** the world has ever known. Far from it—that is exactly what I meant it should do—what I have been earnestly striving to make it do during the past 20 years. Therefore I know what I am talking about when I say that **Merry War POWDERED Lye** is just what I claim it to be—a **POWDERED Lye, specially prepared, that will prevent hog cholera, destroy worms, condition and fatten hogs!**

Don't be persuaded to try an ordinary, old fashioned lye **5c a month**—to protect a hog from cholera, as a possible preventive of hog cholera. At and worms, to keep him fat, sleek, healthy, best it would be a doubtful, and perhaps a turning all feed into juicy fat—so you can market dangerous experiment. The use of **Merry War POWDERED Lye** is not an experiment. **DERED Lye** has proved my claims. **DERED Lye** saved their hogs and increased for it. Plain directions for feeding to hogs their pork profits. Here is a sample: are printed on the label. These directions "I have about 40 hogs and I have been quantity, one-half can to a barrel of swill or the past three months and believe it will do drinking water and **Merry War POWD-** all you claim. Hogs have been dying all **DERED Lye** should be used in that proportion around me, but I have not had any sick."

**Now Prove All This For Your Own Self** Most dealers handle **Merry War POWDERED Lye**; 10c per can (120 feeds). It's convenient to buy by the case, four dozen cans, \$4.80. If yours can't supply you write us stating dealers' names—we will see that you are supplied and send you, **FREE**, a valuable booklet on "How to Get the Biggest Profits from Hog Raising." **YOU MAY ORDER DIRECT FROM US AT \$4.80 PER CASE OF 48 CANS** if your dealers won't supply you.



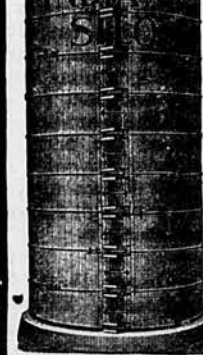
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Which Kind Do You Want?



## 150 INDIANA SILOS PER DAY

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



## An Indiana Silo

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

### IT'S A SURE THING

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

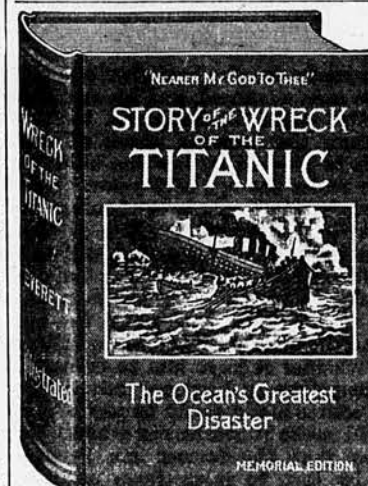
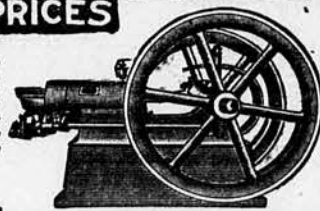
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Our big new modern factory is turning out the Best Engine money can buy, guaranteed 5 years, with every advantage at big reduction in prices, no risk, guarantee fulfilled or money refunded. Use distillate, gasoline and many other fuels. All sizes, 1 1/2 to 40 H.P., any style. Write quick for free catalog and new special prices, stating size wanted.  
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## The Thrilling Story of the Wreck of the Titanic

The Most Appalling Marine Disaster in the History of the World!

The steamer Titanic, largest and most luxurious vessel in the world, on her first ocean trip, crumpled her steel prow against an iceberg and in four hours the great floating palace sinks with 1600 persons aboard. Numbered among the victims were some of the world's multi-millionaires and men identified with the world's greatest activities.

**1600 Human Lives And \$35,000,000 LOST!**

Mothers and children were torn from husbands and fathers; sisters were separated from brothers, and forced to view their untimely deaths—that is the harrowing tale of the sinking of the Titanic. But there is also the valorous side of this tragic story—Following the chivalry of the sea in caring for the women and children first, is a story of self-sacrifice and heroism such as no page in history records, and is a glorious tribute to twentieth century civilization. The whole story is told by survivors in this authentic book which is lavishly illustrated with full page pictures showing the scenes of the sinking of the Titanic and the work of rescue. A big book of 320 pages—in cloth binding.

We have 500 copies of this great book to be distributed among the first 500 who accept this offer: Send \$1.25 to pay in advance for a 15-months' subscription to Mail and Breeze—new, renewal or extension, and we will send you one copy of this big book free and post-paid. Only 500! Clip out and use this coupon NOW!

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

This is a special subscription offer made to interest new readers in Farmers Mail and Breeze. Send 25 cents in stamps and get the big farm paper every week from the time your order reaches us until January 1, next. Regular price \$1.00 per year. Tell your friends about this special subscription offer. If you send in a list of four, with a remittance of \$1.00, we will give you your own subscription for your trouble. Send at once and get the full benefit of this special low offer.

Columbia, Mo.



# FARM Power

CONDUCTED FOR FARMERS MAIL AND BREEZE BY E. B. CHALK.

Questions answered about gasoline engines, automobiles, and engine troubles. Give full information about trouble symptoms, kind, type, and make of engines. An answer by mail if self-addressed stamped envelope is enclosed.

## Will Not Injure the Magneto.

(1) I have an E. M. F. 30 automobile with a Splittorf magneto for ignition, and wish to know if it will hurt the magneto in any way to test the spark plugs by loosening the wires and lifting them three at a time to see which cylinder is missing? (2) The pump gear case seems to leak grease at the fan pulley shaft. Would graphite added to the grease help it and is it beneficial to gears such as transmission and differential gears?—P. A. R., Kansas.

1. You can test the plugs in the way you indicate and it will not injure the magneto or wiring for the reason that the magneto is fitted with a safety spark gap through which the current will jump whenever the current has sufficient pressure. This gap acts the same as the safety valve on a steam engine and if the magneto was not provided with it the magneto would soon generate enough current to burn out the windings. With magnetos that are not provided with the safety gap the wires should be detached from the plugs and placed in contact with the engine so the current can return to the ground in this way; in fact this is the safer way. If you should hold the wires you are liable to get an unpleasant shock. The usual way the plugs are tested is to take a wooden-handled screw driver and shorten the plug by holding the metal part of the implement on the head of the plug and allowing the bit to rest in the shell of the plug or on the cylinder itself. In this way you can "short" as many plugs as you wish without danger of a shock.

2. I would try to get a heavier grease, or grease that is intended for summer use, and see if that would not remedy the leak. Graphite added to the gear lubricant will prove beneficial if you do not use too much; do not add more than 5 per cent of graphite to the grease. When too much graphite is used it is inclined to pack and set up considerable friction. It also makes the gears run noisily.

## Is the Chain-Drive a Success?

(1) Has any reader of the Mail and Breeze had any experience with the Hackney Auto Plow? I would like all the advice I can get on a one-man plow engine. (2) Will a 4-cycle engine pull more and do it easier than a 2-cycle? (3) I see that the Hackney plow has a chain drive. Would this be a success or would you advise me to get a different gear?—N. N. S., Kansas.

1. I do not at present know what readers are using the Hackney plow but would be pleased to hear from them. The plow seems to be well designed and will no doubt give satisfaction. The principle is correct and the fact that the plows are attached to the engine frame would insure a strictly one man outfit. This plow has power enough to do the work you wish to do with it. The fact that the plows are attached to the engine frame direct makes a compact and handy rig and you will find that, for a small farm the plow will be easier to handle and

will get into the corners better than if the plows were hitched behind. I do not think that the Hackney would be quite as handy on the road when used for hauling as some of the other designs but as it will be used mostly in the field and as it is handier there, it will not prove an objection.

2. If the two engines are of the same horsepower there will be little difference in the way they do their work although the 2-cycle engine will furnish a steadier stream of power for the reason that it has twice the power strokes in a given time as the 4-cycle has. This makes it the better engine for some kinds of work.

3. There is no reason why the chain-drive should not prove to be a good and efficient drive for tractors as many of the larger trucks and automobiles find it to be practical. Personally I favor the chain-drive and think that it is better than the spur gear where the gear is exposed to the dirt as it sometimes is on the farm tractor. The old style chains on the steam tractor were not considered a success and many people are basing their objections to the present chains on that but with the improved chains and sprockets most of the objectionable features have been overcome and I believe that a man would make no mistake in buying a chain drive.

## Magneto Has Become Weak.

My E. M. F. auto is giving me trouble. It is equipped with a Splittorf magneto and while it runs all right when I am using batteries, and will throttle down as low as 8 miles an hour on high, when I switch over to the magneto it will not pick up or gain headway unless the machine is running 20 miles or better. If I throttle down below the 20 miles an hour the machine will miss and jerk. I removed the breaker box cover and smoothed off the platinum points. The points are set about 1-32 of an inch apart. The wiring is all good. The machine has been run 3,700 miles.—R. A. P., Burlingame, Kan.

Your trouble would indicate that the magneto was at fault. The fact the machine will run all right when the battery is used would indicate that the mixture was right and that the wiring had no shorts in it. Evidently the magnets have lost some of their strength and the magneto will not furnish enough current at low speeds. You might try closing up the space a little in the breaker box and see if that will not help matters. Would also suggest that you close the gap in the spark plugs a little and see if this will not help. The spark gap in the plug should be one-quarter of the distance the spark will jump when tested in the open air.

Would suggest that you run your engine so that it is turning over about as fast as it would be when running 10 miles per hour on high, then remove one of the cables, running from the plugs, and test it by drawing it away from the plug head, or some metal part of the engine. Note how far the cable is from the place to which the spark jumps and set the spark one-quarter of this distance. If the shortening of the spark gap does not remedy the trouble you had better take the matter up with the manufacturer of the car or write to the Splittorf people as the magnets in the magneto will probably have to be taken out and remagnetized.

## High Priced Feed vs. Gasoline.

Nothing in recent years has given such a stimulus to the trade in various kinds

of traction motors as the recent scarcity and high price of all feed. Oliver Green one of the most successful farmers of central Indiana, estimates that the average farm team will eat 4 tons of hay and 131 bushels of grain in a year's time. With hay at \$22 and corn at 65 cents the cost of feed alone would be \$173. He estimates the care of a team of horses to be worth \$1.40 per week which would add \$75 more, making a total of \$248 as the cost of a year's keep for the team. This would run an engine for quite a spell.

## The Small 2-Horse Engine

BY EMERY MCKEE.

[Prize Letter.]

About two years ago I bought a 2-horsepower International gasoline engine. The first summer I used it for separating milk, churning, and washing and the average cost of running for this kind of work was 25 cents per week. Later I began to add to my shop, putting in a 2-hole corn sheller and an Utz corn cracker with a capacity of 15 bushels per hour. Last summer I connected up a pump jack and pumped all the water for the stock on the farm, and last winter I sawed wood with a 20-inch cutoff saw which the engine pulls nicely. In the shop I also have a rip saw, lathe, and grindstone which can be connected up.

## Power At 1 Cent Per Hour.

A gasoline engine may generally be run at a cost of 1 cent per horsepower per hour. I have never needed a larger engine than this one and do not want one for the farm unless it would be a traction engine for plowing, etc. The small engine of 2 or 3 horsepower is the engine for the average farmer. Many farmers in this neighborhood are buying larger engines for grinding and sawing but they will find them too large and difficult to handle for small jobs such as washing, cream separating, pumping, etc. My wife can handle our engine as well as I but the larger engines would be too heavy for her to start and besides the cost of running is greater.

## Starting a Gas Engine.

Many people have a good deal of trouble in starting a gasoline engine, especially in winter, but if they would make sure there is plenty of electricity they could start them readily 9 times out of 10. I have learned that by stopping the engine on compression, it will start on the first revolution. To do this throw the switch, and if a gravity feed, turn off the gasoline after the engine has stopped. My engine is a pump feed and I never touch the needle valve when once regulated. By doing this your engine will start readily, whether 10 minutes or a week after running.

Hallowell, Kan.

## The Motor Cycle Has Its Uses

About a year ago a farmer friend at Dalby, talking to a Mail and Breeze man, referred to motor cycles in general as "those darned gray road lice." He is now a rider of one himself. This incident is not cited to show that opinions change, so much as to illustrate that the merit of the motor cycle is making friends for it in the country. The machine has been greatly improved since its first arrival, and with an extra seat, or a luggage carrier, offers a ready means of getting the young folks to school and back, or of carrying as much as 200 pounds of freight with a single rider. A cent's worth of gasoline will run the motor cycle for about 10 miles; and about 8 to 10 years at hard service is the life of a machine that can be bought for from \$200 to \$300. As to range of speed, they are good for any notch between 3 and 50 miles per hour. And it may be added in passing there is something the matter with the farm boy who doesn't want such a "gasoline bicycle."

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

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

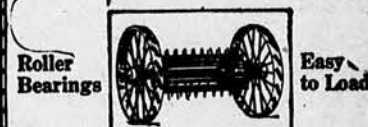
No Adjustments—No Clutches  
No Chains



## John Deere Spreader

The Spreader with the Beater on the Axle

IMAGINE a manure spreader without any chains; with all the clutches and adjustments removed; one that has no extra shaft for the beater, no stub axle or counter shafts; one on which the parts that drive the beater all surround the main axle and are within a distance of twelve inches from it; and one that, besides being of much lighter draft than any other you have ever seen, is so low down that it is only necessary to lift the manure as high as your hips when loading.



Imagine all that and you will have some sort of an idea of what this new JOHN DEERE SPREADER—The Spreader with the Beater on the Axle—is like. Absolutely the simplest and strongest manure spreader ever invented. It has from one hundred and fifty to two hundred less parts than any other spreader heretofore made. Easy to load. It is always ready for business. It cannot get out of order. There are no adjustments to be made.

**Valuable Spreader Book—FREE** This new, special spreader book contains valuable information concerning the use of manure on the land. In addition there is a detailed description of the John Deere Spreader, with illustrations in color of this new spreader working in the field.

To get this book free, postpaid, ask us for it as Package No. Y12.

John Deere Plow Company  
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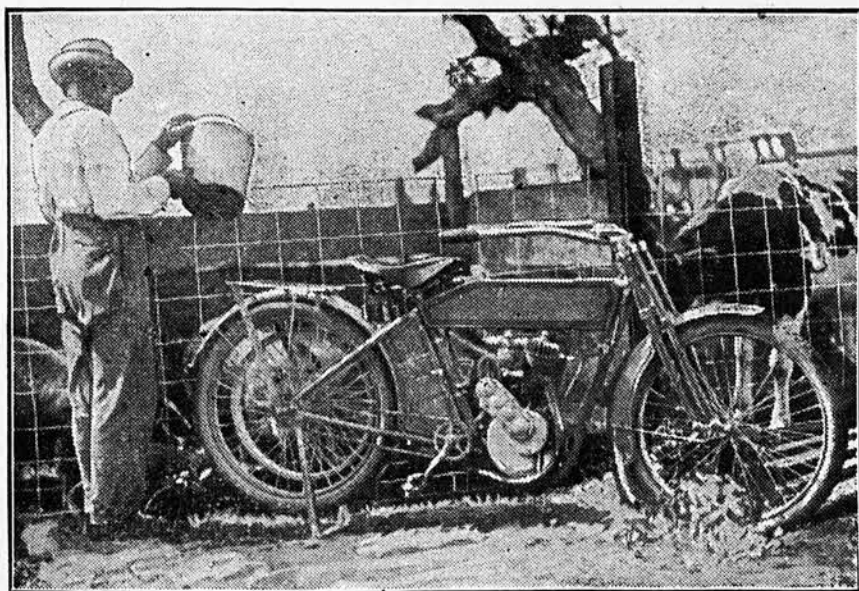
## Bale Your Hay Quicker

and Cheaper with **Ertels Daisy Press**  
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Lady's size Watch, with your own initial engraved on it; stem-wind, a perfect little beauty; not the cheap kind; also handsome Fob and beautiful Signed Ring, all given absolutely free for distributing 12 of our high-grade 12x16 Enameled Art Pictures. Write at once for the pictures. When disposed of, send us the \$2.00 cost and we will send Watch, Ring and Fob. Satisfaction guaranteed. Address: Watch Headquarters, Dept. 300, Topeka, Kan.



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## What Farmers Are Thinking

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

### Admires Mr. Leclerc's Nerve.

Mr. Editor—Your tilt with Mr. Leclerc of Burrton, Kan., is very interesting from the fact that the working of the ever-present abnormal mind is manifest with each of you. I am much pleased with Mr. Leclerc's nerve in going up against the knowing ones in regard to the science of farming. He makes some good points. Considerable money and time have been wasted by farmers in trying to work out radical scientific farming fads and yet on the whole the agricultural department has done much good. J. M. Entrikin.

R. 6, Guthrie, Okla.

### Congratulations From Illinois.

Mr. Editor—I wish to congratulate Mr. Capper on his success as a candidate for governor. As I do not see any report in the Mail and Breeze on his great World's Champion white seed corn I will report what mine has done. We planted it in good ground and tended it in the ordinary way and find in measuring it this morning that the average stalks stand about 13 feet high and several stalks stand 14 feet. All the stalks have two ears and several stalks have three. J. W. Lowrey.

Ferris, Hancock county, Illinois.

### Free Machinery—A Better Pond Law.

Mr. Editor—Your ideas on the taxing of farm machinery, as expressed in the Mail and Breeze of July 13, are good. The farm is the foundation of our nation's industries and I want to go on record as an old Democrat who is in favor of placing all farming tools in the hands of farmers free of tax.

As to the rebate on taxes for building ponds, this is of great importance to Kansas farmers, and it is too bad the lawmakers left the law with so much redtape about it that farmers are not interested in it. Why not let the township trustees make a careful examination of the dam and pond and send a certified statement with the farmer's tax list to the county commissioners and let the latter make an order of 30 cents to the dollar on this farmer's land tax? Such a law would encourage the building of more ponds and this would mean more moisture and fewer crop failures.

Arlington, Kan. A. C. Crenshaw.

### Would Women Voting, Vote Right?

Mr. Editor—It looks unfair to me to see a young married couple start with small capital, work and economize, husband and wife alike, until they own a home, then in case the wife is taken away the husband can go right on and do his best or worst with the property his wife has helped him accumulate. But if the husband dies the wife is not considered competent to manage her affairs and by the time the administrator's fees, court fees, and the inheritance tax are paid a large per cent of her property is gone.

Now if women voting would right these wrongs and others I should want to vote every time but there are lots of good husbands and sons that would like to see better laws and I believe there will be enough of them who will vote right so that we will get our rights one of these days. If only the good, true women of our land could vote it would be all right, but if women voting are going to help the temperance cause why was a good, honorable man, who stands for the right in all things, defeated in our own capital city and a whisky man elected mayor?

In reading the papers one feels there is not much difference between the rights of men and women. We find that women are drinking and gambling, smoking cigarettes, deserting their homes, starting riots, smashing property,

etc. I pray for the time to come when the liquor traffic may be banished from our land but I believe we will hasten the time just as much by the good and true mothers using their influence in the homes to bring up temperate sons, as by voting.

Mrs. B. P. Worcester.

Esbon, Kan.

### Cost of a Start at Farming.

Mr. Editor—To begin farming at the present time a man must have tools and horses worth close to \$1,200. Take a boy in the country whose parents have nothing to give him but a word of encouragement; how many years would it take him to save up such an amount at farm labor, paying about \$25 per month? And after he had that much he would still have to look for land to farm. He would have to rent and in this day it would probably discourage him to go out looking for a place to rent. I know of several men owning thousands of acres of land, who will neither sell nor improve their holdings, in fact some will not even repair the improvements that were on the place at the time they bought it.

So it is not long before our young man wonders why he hadn't thought of going to the city. If he is willing to work he can make a living there, probably rent a small house and get married. I do not overlook the city knocks he will receive but merely want to point out the fact that in going to the city this young man sees the nearest route to a home of his own which is the desire of every right minded young man. Argonia, Kan. R. C. Wimp.

### Objections to School Consolidation.

Mr. Editor—In your issue of August 3 is an article on "A Square Deal in Kansas for the Country Child," by E. L. Holton of the Agricultural college. I should like to ask the gentleman a few questions which might hurry up the "millennium" of rural school life.

In Lyon county there are 115 school-houses that have cost the taxpayers about \$1,000 each, and which afford the people places in which to hold Sunday school, church services, "literaries", and any other gatherings of common interest in the neighborhood. How would Mr. Holton dispose of these buildings so that the people would be reimbursed for their loss?

How would he arrange for the transportation of the pupils that live at a distance so as to avoid having them left, or having them wait on some cross road in the storm for a conveyance?

I will frankly acknowledge that I have opposed the consolidation of the rural schools for 20 years. I admit that it would be much nicer for the teachers, county superintendent, etc., for the schools to be consolidated, also for the few fortunate ones who lived near the consolidated school, but about 90 per cent of the taxpayers would have the added burden of transportation, as well as the building of these schools and throwing away of the buildings they already have and would get very little of the advantage claimed for the consolidation.

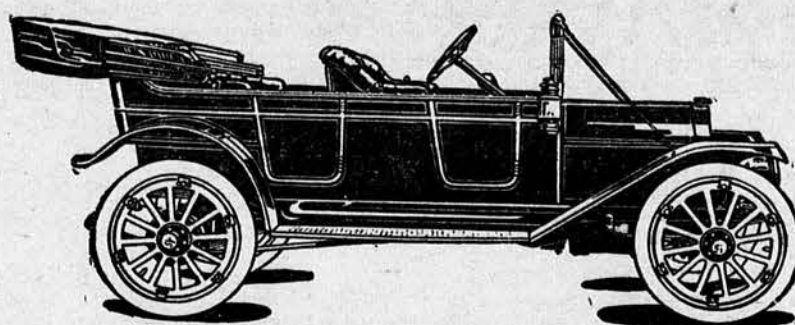
In the same issue of the paper are illustrations of what may be accomplished in the "one-room school." I admit that "many of the schools are too small for best results to be obtained," but there is always a probability that the next school year will find the school that had only 20 scholars the previous year, with an attendance of 40 on account of farms being occupied by tenants who occasionally change their residence.

And in connection with consolidation of schools, would not the gathering of so many children together make conditions worse in case of contagious diseases as well as the more serious kinds? J. W. Hickling.

R. 10, Emporia, Kan.

[These objections of Mr. Hickling are valid, but they are fairly well answered in pamphlets and bulletins on the subject of school consolidation, particularly by the one issued and published by E. C. Bishop, Nebraska's state superintendent of schools at Lincoln, Neb. Of course there are two sides to every argument. The advocates of school consolidation have theirs. One of the points made by Mr. Bishop in his pamphlet will appeal to parents who realize the danger. It is that the school wagon protects children from being led into "those offenses to decency and good morals so common on the road going to and from school." And there are other good points in his brief. This country school discussion we are having is a fine thing. The subject needs the ventilation a good thrashing out will give it that good may come of it.—Ed.]

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Model "K" Touring Car, Fully Equipped—\$900

Equipment includes three oil lamps, two gas lamps, generator, top with side curtains and top cover, windshield, horn, demountable rims, with spare rim, tool kit with jack and tire repair outfit with pump.

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You don't buy a horse on the say-so of the man who has it to sell.

No. You look the animal over thoroughly to discover all his good points.

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We want you to judge the K-R-I-T the same way—not on our say-so, but on what you see in the K-R-I-T and on what it shows you it can do.

Match it up against any or all other \$900 cars, or against cars even up to \$1500 if you like—we have nothing to fear from such comparison.

Why? Because the K-R-I-T at \$900 gives you more actual value, than

you can see and recognize, than many cars of higher prices.

It has all the power you'll ever want or need—on any road or hill you'll travel.

It gives generous comfort and room to its five passengers.

And it costs a good deal less to run and keep because it hasn't the excess weight of a large car.

Find these things out for yourself by going to the K-R-I-T dealer in the nearest town; or telephone him to bring the car out to the farm.

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If you can't locate the K-R-I-T dealer, write us. Write anyhow for the catalog.

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## THE BEST EVER

Never was a plow so well built. Never was one so well balanced. Never one so universally satisfactory. Never one that would plow so many acres per day, season after season. Never one that saved the farmer's teams and money, as does the BEST EVER.

### How?

Before the time of the Best Ever 90 per cent of the plowing was done with soft shares—soft shares soon become dull—dull shares cause heavy draft—heavy draft worries the team—horses and feed cost money.

The Best Ever Plow is equipped with Acme Steel Shares. Acme Steel Shares can be kept sharp as new for years.

### What is Acme Steel?

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Acme shares are used only on the Famous Moline Plows. We guarantee Acme Shares not to break. We guarantee they can be rehardened.

Ask the Flying Dutchman Dealer to show you. Write for FREE Folder and Booklet.

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## Dairy Farming

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

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

The dairyman has few good words for August.

The hotter the water the better job it does in cleansing the milk utensils this month.

Most of the fly dopes are fairly good but for results they have to be applied every day.

Without ice it is hard to get the cream at too low a temperature to churn quickly this time of year.

Flies and hot weather cut down dairy profits this month but September is only 30 days away.

There are about a dozen different breeds of dairy cattle and the best of them all is the kind that suits you best.

Illinois milk producers found they had to organize to get living prices for their product. This is needed in all lines of farming.

The cow that comes in fresh next month is just about the most profitable one of the whole year and dairymen are beginning to find it out.

If cream is hung close to the water in a well that produces a real cold drink it will in most cases be in just the right shape for churning.

If you are pan-setting milk and the milk sours before the cream rises you are losing a good part of that cream each day. The remedy is to buy a cream separator and get all the cream out before the milk has a chance to sour.

The overrun in butter fat is in most cases at least 20 per cent. By this we mean that 1 pound of butter fat will make 1.20 pounds of butter. It is the overrun and not the price of butter that makes the profits for the creameries.

### No Fly Bother at Milking Time. [Prize Letter.]

Mr. Editor—I note in the Mail and Breeze that Mr. Hatch has a time milking his cows. Also in the dairy department it says "darkened stables or milking late seems to be the only way." I find if I start milking at 5:30 mornings and also milk at 6 at night I have no trouble with flies. I spray the cows just before milking at night and it lasts as a rule until after milking in the morning. For the last few years I have had a "spray" put up at some drug store, a mixture of crude carbolic acid, fish oil, oil of tar and coal oil. The exact amount of each may be left to your druggist but have about twice the amount of carbolic acid he recommends. I take a gallon jug and have it half full of acid, fish oil and oil of tar and fill up with coal oil. The coal oil makes it work better in the sprayer. The fish oil keeps flies off and keeps the acid from burning.

Any spray will not work unless the cows are in the stable. It should be strong enough to kill the flies. I have gotten rid of the barn fly mainly as they stick to the cows.

Keats, Kan.

### Which Pays Best, Poultry or Stock?

Recently Mail and Breeze readers were asked to tell of experiences that would show relative profits between raising poultry and other farm stock as a side line for the women folks. So far no one has taken up the chicken raiser's cause.—Ed.

Mr. Editor—I have tried chicken raising for some time and have found there is little profit in it in the long run, when one considers the expense and amount of work necessary. Last fall I bought a young gilt. She was bred last spring and now her 6-weeks-old pigs are selling for \$3 apiece. Since cold weather it has cost practically nothing to keep

the sow. I agree that the farmer's wife can make more by raising other farm animals than poultry.

Young Farmer's Wife.

Columbus, Kan.

Mr. Editor—There can be no doubt that much of the talk about money in poultry is a delusion and a snare. The work is too hard and exacting in all its detail for a woman of average strength who has a family to look after. I have a neighbor who keeps one cow and when the calf was 6 weeks old she sold it to the butcher. She bought another dairy calf cheap and in six weeks had it ready for the butcher. Three or four calves could be raised in this way during one summer.

I once raised a baby pig which was saved from a litter eaten by the stock hogs. It soon learned to drink and ate everything put before it. At 11 months it weighed 300 pounds. At another time I raised a dozen lambs that the ewes had disowned. They were not much trouble and soon went onto grass. In the fall they were nice sheep.

But why all this talk of woman making pin money? Is it because she has no share in the resources of the farm? Isn't it soul inspiring to see a

woman with a family doing the house work, caring for children, battling with sitting hens, chicken mites, rats, skunks, etc., scrubbing the hen house, kerosening the roosts and getting wet in the rain—that she may have pin money?

R. 8, Wichita, Kan.

Mrs. B.

### John Beiter Is Wanted.

Mr. Editor—I wonder if any of your readers could give me any information of the whereabouts of my brother, John C. Beiter, from whom we have not heard for nearly a year. When we last heard from him he was working near Rushville, Mo. We would like very much to know where he is.

Barnes, Kan.

Ottillia Beiter.

Dry ashes and air slaked lime are good absorbents. Scattered lime is especially good at this time of year to prevent disease infection.



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Essenkay means the end of tire troubles.

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Essenkay has been placed in thousands of tires. Big cars, little cars, heavy cars, light cars, pleasure cars, commercial trucks—we filled tires without discrimination, then bade the owners test it as they would. They went at it with a will. No test was too severe, no trial too rigorous. They ran there cars in rain and snow, summer and winter, fair weather and foul. Ruddy roads, rocky roads, car tracks and the like, had no effect on Essenkay. The cars ran over all kinds of roads; at night they rested in heated garages—yet their tires never flattened. There were no perceptible dents or bumps—Essenkay never faltered.

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It is not an experiment, but an absolute, proven fact. For five years it has been in constant, hard daily use under the severest imaginable con-

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ditions. Never once has it failed to live up to every single one of our claims.

It more than pays for itself the first season by the saving in tire up-keep. The value of genuine comfort, the freedom from worry, the absolute safety which it affords—these cannot be expressed in dollars and cents, they are priceless.

### There Is an Essenkay Dealer Right in Your Neighborhood

The Essenkay organization is nation wide. If you cannot locate the Essenkay dealer nearest you, write us and we will give you his name and address.

Besides, we will send you our illustrated booklet, "The Remarkable Story of Essenkay," and full particulars of this wonderful discovery.

And if you have any particular tire problem of your own, tell us about it. We'll help you solve it and give you all the information and assistance in our power.

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You do not run any risk of any kind in installing Essenkay. Any dealer anywhere in the country will install it for you on thirty days free trial.

Use it for a month—then make up your mind whether you want to keep it or not. If you think, after giving it a thorough test, that you can get along without it, just say so. The test will cost you nothing.

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State..... Name of car..... Size of tires.....





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

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

#### Skin Ailments.

I have four white shoats that lost their hair from ears and neck after which the hide turned black and peeled off, leaving sores. These healed up but the hide has now peeled off a second time. What is this and what will cure it?—J. F. P. Wakeeney, Kan.

I would advise that you dip the shoats in some one of the commercial dips diluted according to directions. If you have no dipping vat convenient, you can apply the dip by hand.

#### Fly Repellents.

Can you tell me of something to put on mules' legs that will keep flies off and not do any injury to the hair or make the legs sore?—W. A., Halstead, Kan.

Fish oil or any of the commercial dips diluted according to directions may be put on your mules' legs to keep away the flies without injuring the legs of the animals. These applications do not last very long, so you would probably have to apply them every day.

#### Mane and Tail Rubbing.

I have a 5-year-old horse that has the habit of rubbing out his mane and tail. How can I cure him of it?—C. J., Wichita, Kan.

Frequently horses can be stopped from rubbing their manes and tails by the application of a little creolin. Do not dilute it but apply it just as you get it from the drug store. After two or three days, wash thoroughly with soap and water and if necessary apply again. If the skin seems dry and scaly after you have used the creolin, apply a little olive oil or vaseline.

#### Probably Rupture.

One of my cows has a swelling under her belly close to her navel that is growing larger all the while. This lump is as hard as stone. The cow seems to be healthy otherwise. What can be done for this?—F. S., Wichita, Kan.

It is possible that the cow has a rupture under her belly or it is possible that the swelling is the result of an injury. The swelling should be examined closely to determine whether it is a rupture or not and if it is not, then it should be opened and very probably there is pus in the enlargement. After it is opened it should be syringed out with 2 parts of carbolic acid in water and the enlargement should be painted with tincture of iodine.

#### Throat Obstruction.

One of my cows has a greenish discharge from the nostrils and in the morning her breath has a very bad odor. Her throat is swollen close to her jaw and there is a rattling noise in it. She has difficulty in breathing and although she eats and drinks heartily she does it with difficulty. She is in very good order. What is your advice?—C. S., Rush Springs, Okla.

The trouble with your cow is due to some growth or foreign body in the throat causing an obstruction. It may be due to lumpy jaw or it may be due to something she has attempted to swallow and it became lodged in the throat. The green discharge no doubt consists of some of the grass that she attempts to swallow but is returned by the nostrils, probably it is mixed with some discharge from the enlargement. I would suggest that you examine her mouth and throat thoroughly. This can be

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Painful, Knotted, Swollen Veins, Milk Leg, Mastitis, Old Sores, Ulcers. It is healing, soothing, strengthening and invigorating—alleviates pain and inflammation promptly. Germicide and antiseptic.  
Mrs. R. M. Kemler, R. D. No. 1, Federal, Kan., had enlarged veins that finally broke causing considerable loss of blood. Used ABSORBINE JR. and reported Nov. 5, 1910, veins entirely healed, swelling and discoloration gone and ABSORBINE JR. is invaluable as a general household liniment, for the cuts and bruises that the children get, croup, deep-seated colds, stiff-neck, sore-throat. Removes fatty bunches, goitre, enlarged glands, warts, cysts, weeping sinews, etc. \$1.00 and \$2.00 per bottle at druggists or delivered. Book & 60¢ W. F. YOUNG, P. D. F., 209 Temple St., Springfield, Mass.

done by putting her in the stall and keeping her mouth open with a clevis. It is possible that the obstruction may be removed by the mouth, or it may be necessary to operate upon the animal and remove the enlargement or foreign body or whatever it may be through the skin. If you have a good veterinarian in your neighborhood, I would suggest that you have him examine the animal, as it is also possible that the enlargement of the throat may be due to enlarged tubercular glands, so it would not be out of place for the animal to be tested with tuberculin.

#### Rupture or Abscess.

I have a colt 2 months old and when the navel string came off a few days ago there was a hard lump at that point about the size of a small hen egg.—H. C. G., Mt. Pearl, Colo.

It is possible that the lump at the navel of the colt is rupture or an abscess. It would be very necessary to determine which of these conditions really existed before the case could be treated properly. If it is an abscess it should be opened and washed out with 2 parts of carbolic acid in 100 parts of water. If it is a rupture clamps ought to be applied to the skin so as to reduce the rupture. If the lump does not disappear in a short time, you had better consult a good graduate veterinarian in regard to the case.

#### Falling Off in Milk.

I have a cow 6 years old that has been fresh about five weeks. She gave 5 gallons of milk a day until about a week ago and now she does not give enough to feed her calf. She is on pasture, eats and drinks well. What caused this and what can be done for her?—G. W. S., Jones, Okla.

We sometimes hear of cases where cows suddenly stop giving milk or diminish very rapidly. Usually it is with old animals, or animals that have been milked for quite a time between calving, say two years or longer. I do not know of anything that can be relied upon to overcome this condition. Sometimes they will regain their milking qualities after the next calving. In the meantime I would suggest that you feed her a little oil meal and bran and also give her 3 tablespoonsful of Epsom salts on alternate days for two or three weeks. I would also suggest that the udder be massaged thoroughly at each milking and milk her three times a day. The technical name for the disease is agalactia.

#### Probably Garget.

I have a cow that occasionally has a quarter of her udder swell up and get hard, remaining so over one milking. Later she will have it in another quarter and once in a great while her milk is lumpy andropy. The same cow has the habit of eating horse manure although she gets all the good feed, well water, and salt that she wants. Her mother had the same habit and her calves do the same thing.—A. H. H., Keeman, Okla.

I think it is a catarrhal form of garget affecting your cow. I would suggest that you rub the quarter well with camphorated oil and give her about 1/2 a pound of Epsom salts in a little water as a drench every second day for three or four times. Also give her 2 teaspoonsful of tincture of poke root once daily. A depraved appetite such as your cow shows is usually an indication of indigestion or a lack of salts (lime salts or common salts). After you have given her the Epsom salts give her a tablespoonful of the following mixture twice daily:

Sulphate of iron, 1 oz.  
Pulverized gentian, 1 oz.  
Calcium phosphate, 1 oz.  
Licorice, 1 oz.

#### Cause of Lameness.

I have a 7-year-old mare that is lame in her left forefoot. There are no marks anywhere except a crack in front of hoof near the hair. There seems to be an itch present as she likes to have her foot rubbed. What is your advice?—S. B. Aurora, Kan.

It is possible that the lameness is due to the crack in the front part of the hoof. If this is not the cause it would be impossible to tell from your description the exact seat of the trouble. If this crack extends into the sensitive part of the foot then it would be enough to cause lameness. If it is the cause of the lameness a line should be burned across the upper part of the crack in the hair at right angles with the crack, that would make the form of the letter T. Then apply a blister of 1 part of biniodide of mercury and 6 parts lard so as to stimulate the growth of horn at this part. It would be better for you to employ a competent veterinarian to do the work so as not to destroy the coronary band. If this is injured it is likely to produce a deformed hoof.



Your harvest will not bring you full return—if it does not bring you a Ford car—a necessary part of a modern farm equipment. It's the wonderful economy, reliability and low price of the Vanadium built Ford that makes it "the farmer's car".



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

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The marvelous Spalding Deep-Tilling Machine plows from 12 to 16 inches deep, pulverizes and mixes the soil, all in one operation. Makes a regular garden-seedbed over the entire farm, which holds moisture through any drought. Results from a thousand farms show wonderful crop increases. Figures and facts from farmers, farm papers, experiment stations, agricultural experts, etc., are ready to send you now. Send today for them.

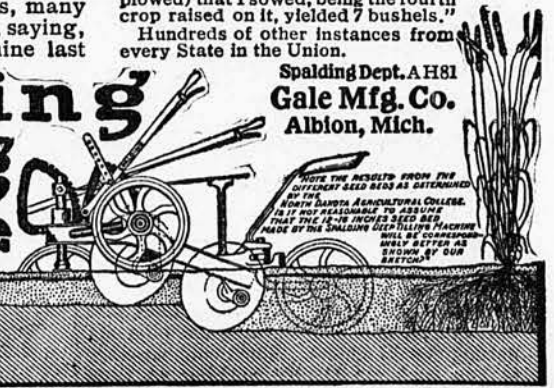
We'll send you also our book entitled "1,001 Knights," full of nothing but letters from owners, many owners in drought sections, saying, "If we'd bought the machine last

fall, we'd have had a crop now." The Spalding Deep-Tilling Machine is the only thing of its kind in existence. If you farm only 20 acres it will pay for itself the first season. Our free books disclose the magic in the soil of a deep-tilled farm. Cut out this ad as a memo to write for them.

User E. H. Smith of Steele, N. Dak., writes—"I plowed some old land with the Spalding Machine that had been farmed for 30 years, and sowed it to flax as an experiment this spring, and it yielded 9 bushels clean flax; another piece (shallow plowed) that I sowed, being the fourth crop raised on it, yielded 7 bushels." Hundreds of other instances from every State in the Union.

Spalding Dept. A.H.81  
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Aubion, Mich.

**Spalding Deep Tilling Machine**



Left half of drawing by courtesy of North Dakota Agricultural College.



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Has one-piece adjustable butter and blow-head. Patent start, stop and reverse action. Independent knife adjustment. Safe and convenient to operate. The Whirlwind is the one silo filler fit to go with the famous Baginaw Silo—the one silo filler for you to buy. The sale of Baginaw Silos this year has exceeded and broken all records. However, you can depend on prompt shipment, if you order a Baginaw Silo at once. Write for a copy of the new book, "The Easy Way of Silo Filling," or, "The Building of a Silo." Ask for Circular M.

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always in the dry and ready to run will save you money. We make Light Draft Stationary Elevators—

—Portable Elevators too And our Hydraulic Grain Dump works in any weather—lowers the load without the use of power or friction brake and is trouble proof.

Better drop a post card for our big new catalogue. It gives facts and figures you ought to have—and it's free. Send the card today—NOW!

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**JOHN DEERE Book**

Illustrating the most important line of farm machines made. Tells when, where and how to use them. It answers every question you might ask about farming implements. Send postal today for package No. X12 John Deere Plow Co. Moline, Illinois.

**Get Quality and Service—JOHN DEERE Dealers Give Both**

**GOLD WEDDING RING FREE**

Send for 12 packages of our beautiful high grade gold embossed post cards to distribute at 10c pkg. Return us the \$1.20 when collected and we will send you by return mail this very fine 14K gold filled heavy band ring not the cheap kind. Address, R. F. ROSEN, 322 Household Bldg., Topeka, Kans.

## History of a 44-bu Wheat Crop

BY THE GROWER OF IT.

One of the substantial big yields of wheat, reported this season to Farmers Mail and Breeze, comes from Marion county, which produced the record yield for Kansas last year, 59 bushels 12 pounds per acre on 19 2-100 acres. This was substantiated at the time by affidavit for the Top-Notch Farmers' club of Farmers Mail and Breeze. The yield reported this year, while not so high, more than doubles the county average. It was grown on the farm of A. Rahn, a reader of the Mail and Breeze, on a creek bottom field of 13½ acres and the average yield by weight was 44½ bushels per acre. The seed was the Kharkof variety bought of the Hays station two years ago. It took 5 pounds of twine per acre to bind the crop.

The ground had previously been in oats and was handled in the following manner by Mr. Rahn:

"I plowed the ground the latter part of July, 1911, having first manured part of it lightly where it seemed to need it most. Shortly after plowing we got several rains which started the crabgrass pretty thick. We disked the ground to kill it but the grass was pretty well rooted so that the disk could not turn it all under. After a couple of weeks we went over it both ways with a six-shovel corn cultivator, then dragged it down smooth with a three-section harrow, which left it in good condition for seeding.

The seeding was done about September 20 with an old drill, sowing 1-12 bushel of re-cleaned seed per acre, which gave a good stand, and the wheat went through the winter in good condition. The wheat sown was the Kharkof variety, which seems to be somewhat superior to the common Turkey wheat.

I find it pays to haul out the manure I have often made 8 to 10 bushels more wheat per acre on lightly manured ground than on the same quality of land alongside and not manured. I use a spreader. If one has no spreader, he should haul it out the best way he can. It pays. It also pays to put the ground in the best possible condition for any crop."

Early preparation, good seed and good farming evidently combined to make this fine yield.

## An Immense Crop Loss Near

(Continued from Page 6.)

that there may be a lack of food for the mid-summer brood of bugs. Starve them.

What is everybody's business is nobody's business—runs the adage. But with this information in my possession and a knowledge of Kansas' past experience within my recollection, I feel the Kansas people should be made acquainted with their danger of repeating an old mistake which cost them millions of dollars a few decades ago. Consequently I am laying these facts before them.

## Local Option in Wheat Raising

A READER'S SUGGESTION.

Mr. Editor—The wheat has been harvested and we are now having our annual harvest of chinch bugs which proves to be a larger yield than usual. Many acres of corn and other feed crops have been destroyed and all the corn will be injured some by the bugs. To many renters and men owning small farms that are sandwiched in between fields of wheat it very often means ruin. Much of the land sowed to wheat is owned by non-residents and retired farmers who do not have to bear any of the hardships caused by the bugs. Men who would not sow wheat on their own farms, or near their own corn fields, rent a field at some distance and raise wheat on it. This is not the best wheat country, the average yield being from 6 bushels an acre up to 17. But it would be a fine cattle country, if we could raise the winter feed.

We have laws protecting us from all sorts of grafters and regulating a great many evils, why not some laws confining wheat raising to certain localities or townships? Why not local option on wheat raising? So that one man cannot sow a field of wheat in a neighborhood that has decided to cut out wheat on account of the bugs.

R. I. White City, Kan. S. P. L.

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**Just Write This on a postal card and mail to us.** It will get you acquainted with the most serviceable car on the market today.

**The Friction Transmission** which makes the Cartercar far more efficient than is possible for a gear driven automobile is carefully explained.

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

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

**EMERSON LOW DOWN SPREADER**

**Makes It Twice As Easy—The EMERSON Low Down Spreader**

**N**OW you need no longer waste energy lifting manure into the old-fashioned spreader with a box as high as a wagon. Just why the world has been content to waste all this energy all these years no one knows, but you don't have to do it any longer. The EMERSON Low Down Spreader reduces the work at least 50 per cent—there is no lost motion. Loading from either side or rear, you lift your forkfuls only a little over half as high as with the old-fashioned spreader—and it's the last half that takes the most muscle.

Point by point, feature by feature, the EMERSON is as far ahead of other spreaders as the low down principle is ahead of the old style. Let us prove it to you. Send your name for our new booklet of facts. Read why the EMERSON Low Down is

**Easy to Operate, Easy to Load, Easy to Unload, Easy Running**

Beater is all metal, can't warp, split, rot or check. Teeth are square steel, chisel pointed, set in spiral form—so they cut, tear, shred and pulverize all the manure and spread it evenly regardless of how bed is loaded.

Endless apron—each slat runs on its own wheel—not dragged over stationary rollers. Worm gear drive runs in bath of oil. Foot lever controls driving mechanism—hand lever changes quantity spread.

Main drive wheels 50 inches high—main frame sills are steel channels 3 inches wide, 5 pounds to the foot. The EMERSON Low Down is practically an all steel spreader—the only parts not steel are—apron slats, box sides, pole and whippetrees.

You should know more about the EMERSON before you select any spreader. Sold by implement dealers everywhere. Write now for free booklet. Address

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# Just One Month More Until the Big Land Opening! Kentwood, Louisiana, Sept. 20

## 10,000 Acres

**Greatest Corn, Oats, Grass, Vegetable, Fruit and All Purpose Land in America Will Be Thrown Open For Public Settlement.**

The bumper crops of corn that can be raised on the cutover lands of this section are sure to be an eye opener to the Northern farmer. Nowhere in the great corn growing belt of the Missouri and Mississippi valleys can such enormous and valuable corn crops be raised as in the State of Louisiana.

Stephen Henry of Melrose won the Department of Agriculture's grand prize by raising 139.45 bushels of corn to the acre, costing him but 13.6 cents per bushel to do so.

After the corn is off it can be followed by a crop of oats or clover, or the ground can be prepared and put in shape for winter vegetables that pay big returns in the Northern markets.

Many of the farmers in our section are now raising from 60 to 70 bushels of corn per acre and do not consider this an extraordinary yield whatsoever.

In this connection we may say that oats is always a very profitable crop in this section, from 35 to 50 bushels being frequently realized and they make an elegant winter pasturage.

### Two and Three Crops a Year

This is a natural fruit and truck country, vegetables reach their greatest perfection here, and coming on the market early bring fancy prices.

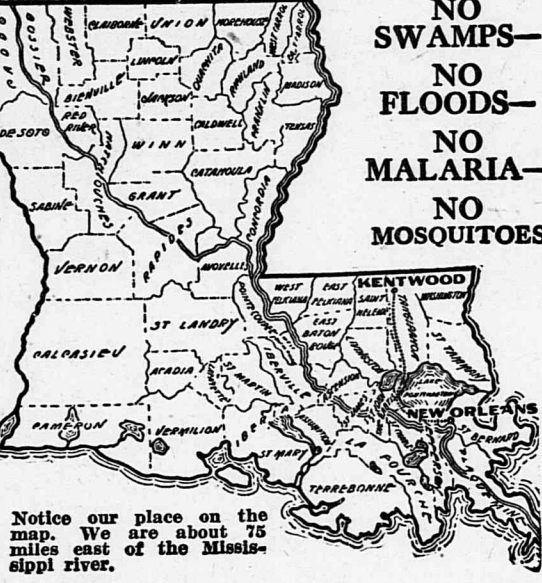
The Satsuma orange grown in this section is most delicious. Figs are perfectly at home here and grown without care or attention. Pecans, grapes, peaches, pears, plums, blackberries and dewberries all do fine.

This Parish shipped in 1911, 1,115 cars of Strawberries.

THE Kentwood farm lands consist of about 70,000 acres of the very highest soil quality, cut-over lands to be found in Louisiana. They are situated about three to eleven miles from the main line of the Illinois Central and on the Kentwood & Eastern Railway, about 48 miles north of Lake Pontchartrain, which is part of the great Gulf of Mexico, and 83 miles due north of New Orleans, the chief metropolis and seaport for the entire South.

The northern end of Tangipahoa Parish, Louisiana, in which these lands are situated, is what is known as the "Ozone Belt of Louisiana," one of the healthiest sections of the United States, being surpassed in this direction by no other section of the United States that we are aware of. Its proximity to the Gulf of Mexico and its elevation of one to three hundred feet above sea level insures short and mild winters, healthful and moderately cool summers.

The lands are of a moderate rolling character. Short swells breaking off into little ravines, insure excellent drainage. An absence of swamps in this section makes almost perfect health conditions. Seeing is believing, and it is only by seeing crops that one can gain an idea of the immensity of their nature. We believe that this is the most suitable and best all around agricultural land to be found in any section of America. It is suitable for the highest yields of corn, oats, grass, vegetables and fruit, and the great volume and variety of the crops which may be grown insures that in the very near future this section will be among the most valuable and high priced lands in the United States. The main line of the Illinois Central connecting New Orleans with Chicago puts us in touch with the very best of markets. The farmer is thus favored by the location of this tract, by the favorable open winters and long growing season, with superb railroad facilities at his command, an open and unlimited market with the very best prices obtainable, quick service, etc., for his products.



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

NO SWAMPS—  
NO FLOODS—  
NO MALARIA—  
NO MOSQUITOES

## Special Homeseeker Rates Sept. 17th

On All Railroads from Any Part of the Middle West.

This section is especially adapted for cattle and hog raising. Such a large variety of foodstuffs can be raised—corn, oats, peanuts, sweet potatoes, kudzu, velvet beans, peas, etc., and pasturage had for 10 and 11 months in the year—that stock can be raised and fattened for one-half what it costs in the Northern states.

Dairying is very profitable—milk, cream and butter bring big returns in the South.

### Mild Winters. Summers Cooled by Gulf Breezes

The general types of soil are largely of two kinds as defined by the U. S. Government Department of Agriculture — The Monroe Silt Loam and the Orangeburg Sandy Loam. The subsoil is a silty clay or red sandy clay. There are no rocks or hard pan. The ground is very easy to plow, works up fine and responds most readily to cultivation.

The water is soft and pure. Wells can be had at 35 to 75 feet. Rainfall is about 60 inches yearly, pretty evenly distributed.

## We are Lumber and Railroad Men

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

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

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

What we need now is the man that needs a home, and is not afraid of work.

We have ample capital and can carry the payments and give an opportunity to the man who has but little cash but plenty of ambition and energy.

## TERMS OF OPENING

All land \$20.00 an acre. \$2.00 an acre at time of selection. \$2.00 an acre payment at end of twelve months. Balance \$5.33 per acre in 1914, \$5.33 per acre in 1915, \$5.34 per acre in 1916; deferred payments draw 6% interest.

We will take the applications on the morning of the opening in the order received.

The man who first applies will have first preference in the tract; the second, the second preference, and so on until allotments are exhausted. The tracts will be divided into units of 40's and the minimum selection will be 40 acres and the maximum selection will be 160 acres.

80 acres in this two to three crop country is equivalent to 160 or 240 acres of the Middle West in growing power.

The man who selects 160 acres thus has the opportunity of putting his son or brother or some friend on an 80 adjoining.

One man may select four 40's that three other members of his family will join and work with him, giving him his own neighbors in the tract.

We reserve the right to reject any application we may see fit. This is only done in case an undesirable party should apply who might be a detriment to advancement of the neighborhood.

## We Guarantee These Lands. Your Money Back if You Cannot Make it Go

What we will do for our settlers.

We furnish a demonstration farm and an expert Southern farmer who will give you expert advice at any time free of charge.

We will furnish you lumber for building material right from our mill at Kentwood at wholesale prices. If you fall ill or something goes wrong, we will extend your payments.

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

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

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

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

Fluker, La., Dec. 11, 1911.  
I have just delivered 2,000 bu. of corn at 80c a bu. I have sold about \$1,200 worth of hogs this year and about \$1,500 worth of cattle. You cannot say too much for cutover lands in this part of the country. R. A. KENT.

Kentwood, La., Dec. 18, 1911.  
Brooks-Scanlon Co.,  
From one acre I produced and sold \$200.00 worth of cabbage, following with corn, tomatoes and turnips and totaled \$467.00.  
C. H. HYDE.

Kentwood, May 25, 1912.  
Have 40 cows milking, have good pasture 9 months a year, it costs about 11c a day to feed a milk cow. Started 5 years ago, today our dairy is valued at \$5,000.00.  
W. A. PRICE & SONS.

Independence La., Dec. 18, 1911.  
About 600 cars of Strawberries were shipped from here, 410 cars through the association which averaged \$821.05 a car, or the sum of \$336,630.30.  
JOE DIBUONO,  
President Farmers' Assn.

Bailey, La., Dec. 18, 1911.  
Brooks-Scanlon Co.,  
Will say that we can raise from 300 to 500 gallons of syrup to the acre. I have done this myself and think it can be beat.  
W. W. PARKER.

## Important Notice!

September 17th is excursion day—you can buy a round trip ticket to Kentwood, Louisiana, at reduced rates from nearly every point. If you live in a small town on a branch road, ask your agent the closest point you can buy your ticket from, or write us and we will give you the information. It is not necessary to come on our special train, but if you prefer to join the Special train cut out the coupon and mail it to us with \$4.00. This pays for sleeper accommodations to Kentwood. (We will place two people in lower berth and one in upper.) It also pays for all your meals for three days and your sleeping accommodations while on the ground. Upon receipt of coupon and \$4.00 we will reserve your berth on special train and send you coupon books good for meals and bed while here. Our special will go from Kansas City to St. Louis and from St. Louis to Kentwood on the main line of the Illinois Central. For the accommodation of Southern Kansas and Oklahoma people, we will also conduct special parties over the Frisco Railroad from Ft. Scott, Kansas, and Springfield, Mo., to Memphis, Tenn., where we will take the main line of the Illinois Central to Kentwood.

Cut out that Coupon right now and secure your sleeper and hotel accommodations. For further information address

**C. H. McNIE, Land Commissioner**  
BROOKS-SCANLON COMPANY, KENTWOOD & EASTERN RAILWAY  
KENTWOOD, LOUISIANA

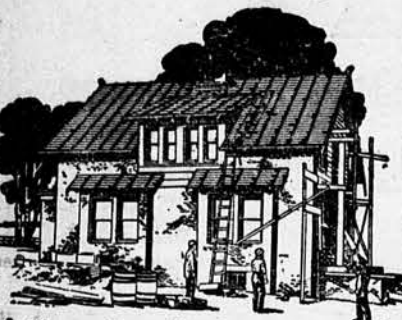
## --- Cut Out This Coupon ---

BROOKS-SCANLON CO.,  
P. O. Box 126, Kentwood, Louisiana.  
Gentlemen:—Herewith find \$4.00. Reserve for me space in sleeper on special train, also send me coupons good for meals on ground and sleeping accommodations.

Name .....  
R. F. D. ....  
Town..... State.....



## You can save Money by using Certain-teed Roofing



A tile roof on this house  
would have cost.....\$455.00  
A shingle roof would have  
cost.....\$137.50

**The Certain-teed Roof  
used, cost.....\$62.50**  
—you can save just as much!

Of course you don't want to sacrifice roofing quality for price—but if you can get a better roofing material for less money—if you can buy a **Certain-teed** Rubber Roofing in Shingles or Rolls that is fully guaranteed for 15 years, that can be quickly and easily laid—surely you are glad to save the money.

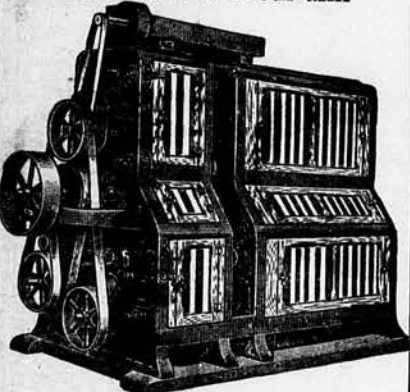
Your local dealer will give you these wonderfully low prices

You will be sure of getting **Certain-teed** Roofing if you see that the **Certain-teed** label and 15 year guarantee is on each roll.

Write for this new Free Book AL-7 "How to Build for LESS Money."

**GENERAL ROOFING MFG. CO.**  
World's Largest Roofing Mfrs.  
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## The "Midget" Marvel Self-Contained Flour Mill



### A Revolutionary Roller Mill

24 bbls. per day. No knowledge of milling necessary. Sold on trial. A possible yearly income of \$3,000 to \$8,000 is offered you for an investment of \$1,750. Reduced cost of operation the secret of its profit making. We are exhibiting a "Midget" Marvel in operation at the following STATE FAIRS: Topeka, Kan., Sept. 9 to 13. Oklahoma City, Okla., Sept. 24 to Oct. 5. Dallas, Tex., Oct. 12 to 27. See this wonderful mill, write for our catalogue and testimonials.

**The Anglo-American Mill Co.**  
Dept. 202 Owensboro, Ky.

## THE HINGE-DOOR SILO



**CORN HARVESTER** with Binder Attachment cuts and throws in piles on harvester or winnow. Man and horse cuts and shocks equal with a corn binder. Sold in every state. Price \$20.00. W. H. BUXTON, of Johnston, Ohio, writes: "The Harvester has proven all you claim for it; the Harvester saved me over \$25.00 in labor last year's corn cutting. I cut over 500 shocks; will make 4 bushels corn to a shock." Testimonials and catalog free, showing pictures of harvester. Address **NEW PROCESS MFG. CO., SALINA, KANSAS.**

## CROPS and FARM WORK

(Crop Reporting Service of Farmers Mail and Breeze.)

Recent rains have relieved the dry sections in Kansas and Oklahoma. In central and southern Kansas, and the adjacent region in Oklahoma, the rains came too late to make a real corn crop. The crop will be especially poor in southeastern Kansas. In central Kansas the early corn suffered. Jewell county in north central Kansas reports early corn injured but late corn promising a big crop. News from Gray county in southwestern Kansas reads almost like fiction. The copious rains continue in that region and "corn in the bottoms promises a heavy yield."

Broomcorn harvest has begun in Oklahoma. Reports from various parts of the Kansas and Oklahoma broomcorn field indicate the crop has met more than the usual amount of misfortune this season, ranging from poor seed, much and repeated replanting, to drouth trouble and grasshoppers which this year have done more damage than any season in the last 10 years to all crops. Our reporter in Woods county, Oklahoma says the grasshoppers have taken half the Kafir in that county.

In Pushmataha county, Oklahoma, hundreds of bushels of peaches are rotting for want of a market at so low a price as 10 to 25 cents a bushel. A co-operative shipping association would remedy this trouble. Likewise a cannery.

### KANSAS.

**Linn County**—One and a half inches of rain August 15 relieved drouth wonderfully; corn has been damaged some but prospects are for a fair crop; prairie hay yielding from 1 to 1½ tons.—C. T. Baker, August 17.

**Chase County**—Had fine rains lately which assures a good corn and Kafir crop; grass in many pastures was getting short and shipment of cattle began early. Alfalfa generally is doing well.—W. J. Dougherty, August 16.

**Rush County**—Recent rains insure a fair corn crop in this county; all feed stuffs doing well; wheat turning out better than expected; hay will be a good crop; cattle and hogs selling high.—J. F. Smith, August 17.

**Thomas County**—Harvest over; corn and feed growing finely. About 10 inches of rain since July 4. Plowing and disking for wheat; weeds and grass growing rapidly; all stock on grass doing well; potato crop good; a large acreage of wheat to be sown this fall.—J. D. Graham, August 16.

**Franklin County**—Most of the county received a good rain August 18; early corn was damaged by the dry weather; late corn promises a good crop; threshing mostly done; not much stock on the market; considerable plowing done since the rain.—H. O. Cain, August 16.

**Jewell County**—Weather finest for years; ground thoroughly soaked; corn looks fine; early corn damaged some; late corn promises big crop; threshing stopped by wet weather; swine plague in parts of county has reduced the hogs to a great extent; cattle scarce and high.—S. C. DePoy, August 17.

**Saline County**—Late rains have greatly aided the corn but it was too far gone to make a great yield. Plowing about finished; wheat is averaging 18 bushels or thereabouts and good quality, sells at 79 cents, oats 50, eggs 13, butter 25.—George Holt, August 10.

**Grant County**—Several fine rains this week, local showers but so many they have soaked everything; prospects are bright now; some listing for wheat; cattle doing fine; eggs 12 cents, butter 20, butter fat 21.—J. L. Hipple, August 16.

**Barton County**—Wheat making from 5 to 20 bushels per acre; corn looking good but needs rain badly; farmers all plowing, some are through; Kafir and milo doing fine; hay crop is good; wheat 77 cents.—O. M. Lewis, August 20.

**Pawnee County**—Plenty of rain for fall plowing; corn and feed doing well; corn yield will be above average by many thousand bushels; wheat yielding better than expected; new wheat 79 cents, corn 75 in ear.—P. G. Haney, August 19.

**Crawford County**—Hot and dry; corn is needing moisture badly; only small showers except in northern and central parts; wheat and oats are of good quality; wheat averaging from 10 to 18 bushels; ground too dry to plow.—H. F. Painter, August 17.

**Pottawatomie County**—Wheat is making 15 to 50 bushels; 2 inches of rain fell here yesterday but a part of the county is still dry; corn has suffered in center of county; pasture getting short and dry; prairie hay will be a poor crop; potatoes a good crop.—W. H. Washburn, August 16.

**Barber County**—A 3-inch rain August 15 has put new life in all vegetation as well as man. Plowing and listing is all the go now. The prospect is good for a large acreage of wheat this fall. Corn helped some, but much of it will not make a crop; yields of from 3 to 30 bushels probable.—G. H. Reynolds, August 17.

**Gray County**—Copious rains this summer. Corn in eastern Kansas bottoms will make a heavy crop. Oats and barley yielding a heavy crop; wheat not so good, only from 12 to 20 bushels per acre; but little threshing done on account of rains. Grass is as green as in spring and stock is fattening well. Plowing for wheat is the chief occupation now.—A. E. Alexander, August 14.

**Wilson County**—Crops needing rain badly at this date; pastures are drying up; hay is progressing but drying fast; too dry to plow for wheat; fruit and vegetables are in same boat as corn. It is encouraging to read about the bountiful crop the other fellow has.—S. Canty, August 14.

**Seward County**—Recent heavy rains insure a bumper feed crop; wheat yielding from 10 to 25 bushels per acre, tests 58 to 63; grass was never better; stock is doing well; good calves selling from \$14 to \$16, cattle and horses high; broomcorn is a good crop. Lots of land selling.—J. W. Rosson, August 9.

**McPherson County**—Dry spell latter part of July and first of August hurt the early corn. Since August 6 there has been plenty of rain and late corn, broomcorn and all kinds of forage feeds are growing well. Pastures are good; big acreage of wheat ground is being prepared; few cattle offered for sale, prices high. Some corn cut up for feed during the dry spell in the north of county.—John Ostlund, Jr., August 15.

**Pratt County**—Threshing about over. Wheat was good; corn doing fairly well except where grasshoppers have eaten it up; grasshoppers are extremely thick and have done a great deal of damage especially to corn. A great deal of ground is being prepared for wheat; the feed crop is doing well; pastures are short; oat crop did not amount to much.—J. L. Phelps, August 17.

**Elk County**—Between 4 and 5 inches of rain August 14; first good rain since middle of June; corn will not make much; late corn seems to be injured most; Kafir straggling again; melons and pumpkins doing well; pastures green; early potatoes were good; a few chinch bugs have appeared; plenty of hoppers.—C. A. Kellogg, August 17.

**Anderson County**—Drouth in July and the first week of August shortened corn prospects at least 50 per cent; have had good showers last two weeks; with continued showers we may have a half crop; very little plowing done for wheat; wheat acreage will be light this fall; buyers picking up calves and all surplus cattle at fair prices; fat hogs scarce; stock hogs plentiful.—G. W. Kiblingier, August 17.

### OKLAHOMA.

**Beaver County**—Good rain yesterday evening; frequent rains are putting the threshers behind; hands scarce and wages high; broomcorn pulling is on; crops are doing well.—M. B. Edwards, August 16.

**Tulsa County**—Corn is practically made; late rains have made the late corn about ½ of a full crop; hay about ½ crop, will be some second cutting; Kafir and cane looking well, large acreage. Corn 75 cents, oats 32, eggs 15, butter 20, peaches 50, apples \$1.—W. H. Booth, August 16.

**Kiowa County**—Threshing stopped August 4 by a deluge which extended all over county; more rain in some parts than others; inch of rain August 7; crops, melons, cucumbers and tomatoes have a new lease of life, and so have farmers. Cattle looking well; the thing we need here most is the silo; lots of cowpeas this year.—Mrs. Alice Henderson, August 11.

**Roger Mills County**—Plenty of rain the last week; fine for all crops; milo hard enough to feed in some fields; broomcorn harvest will start this week, will be 2 or 3 weeks before much is cut; cotton looks threshed yet; less wheat will be sown this fall than usual; corn on sandy land looks well.—Hugh Sober, August 11.

**Washington County**—Wheat threshing about finished; yield was from 8 to 20 bushels, continued dry weather has put the upland corn out of commission; bottom land promises a fair yield; chinch bugs have done considerable damage; unless it rains soon Kafir will go the route of the corn; hay is light and much of it has "fired up" in fact everything in this part is dry except the booze joints.—J. M. Brubaker, August 18.

**Woods County**—Fine weather, good showers the last two weeks; plowing for wheat; large acreage to be sown; corn practically a failure; ½ of Kafir taken by grasshoppers, what is left looks well but is late. Wheat threshing from 8 to 16 bushels; oats about 20. Wheat 75 cents, oats 40, corn 60, potatoes \$1, hogs 7 cents, yearling steers \$25 to 30, milk cows \$35 to \$60; pastures fine; sale of horses slow but bring fair prices; grasshoppers dying.—W. C. Douglass, August 15.

### Four Big Papers For \$1.25

The Mail and Breeze is enabled to make the biggest clubbing offer it has ever had, and for only \$1.25 will send all four of the following papers for one year each:

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Farm Progress, a big semi-monthly farm and agricultural paper which should be read by every farmer. No liquor advertising is printed in any of these papers.

Remember, all four of these big papers will be sent to one address or to four different addresses if so desired for only \$1.25. If you are a subscriber to any one of these papers your time will be advanced another year. The regular price of these papers, if taken separately would be \$2.25. Why not save \$1.00 and buy this combination? You will be supplied with the best class of reading matter for a full year. Don't fail to mention the names of these papers in sending in your order. Send your order to the Mail and Breeze, Topeka, Kan.

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TOPEKA, KAN.



## The WOMEN

Conducted by



## FOLKS

Mabel E. Graves

We want this department to be of practical use to the women who read Farmers Mail and Breeze. If you have any favorite recipe, any helpful hint, whether it concerns the family, the kitchen, the children, the house; or if you have anything to say which would be of interest to another woman, send it to the Home Department editor. Prizes for the three best suggestions received each week will be, respectively, a set of triple-plated teaspoons in the beautiful Narcissus design, a year's subscription to the Household magazine, and a year's subscription to the Poultry Culture magazine.

It's strange, but true, that the people who are expecting to have things go right usually get what they are looking for.

Fruit butter can be made from the pulp left after the juice has been drained out for jelly, but it's a rather uninteresting article.

The Farm Woman's Congress, which held its first meeting last year in Colorado Springs, is to convene this fall in Lethbridge, Canada, in connection with the Dry Farming Congress. Topeka is in line for the next convention, and Oklahoma City is also hoping to secure it. If Topeka is so fortunate as to secure it every Kansas woman who can make it at all possible will plan to attend.

When the garden and chickens are raised, when the harvesting is over and the threshing done, the farm woman is entitled to a rest. After the housework is done there ought to be some time every day that could be spent outdoors under the trees with a comfort and pillow, or in a rocking chair, or in some other thoroughly restful way. One mother I know takes her two youngest children with her and lies down for a little sleep every day; and they are all better for it.

## What's Your Handiest Tool?

In another place this week is a letter on "My Handiest Kitchen Tool" by Mrs. Florence King, which you will enjoy reading. We want other letters of this kind, each letter telling of the one tool you have found most useful in helping with the work. If you can make a drawing of it all the better. A set of narcissus silver plated teaspoons will be given for each of the three best letters of this kind received within the next few weeks. One or two of these letters will be published each week, and the names of the prize winners will be announced about the last of September.

## She Learns to Keep House.

One of the best things that can happen to any girl is a chance to take the housekeeping course at the Kansas Agricultural college. As its name implies, this course is especially to teach girls how to keep house right. Many girls do not have time to take the four-year college course. But the housekeeper's course, six months in length, makes it possible for these girls to get the special training that they need without using the four years required for those who intend to teach. The expense is light. It will cost a girl \$100 to \$125 for the six month's instruction. This is for board, room, books, washing, etc. Tuition is free.

## The Urn Quilt Block.

[Prize Suggestion.]

This block, known as the Urn pattern, is 9 inches square. The border is of turkey red, while the darker squares where the red lines cross are of dark green. The long pieces are 2 by 5 inches, and the squares are 2 inches each way. The urn is made of any desirable colors, and the background is of plain colors.

Mrs. Alma Wheaton.  
Stutsman county, North Dakota.

## To Make Good Coffee.

To make good coffee one must have a clean coffee pot and a good quality of coffee. Rinsing out is not enough to clean the coffee pot. But it can be thoroughly freshened by filling it two-thirds full of water, stirring in a teaspoonful of borax and allowing it to boil for 20

minutes or longer. Good coffee can never be made by cooking over the grounds from a previous meal. To make good coffee for two, stir 2 heaping tablespoons of coffee in 1 cup of cold water and let stand over night. In the morning add 1 pint of cold water; bring to the boiling point slowly and let boil 5 minutes. To settle, add a couple tablespoonsful of cold water just before serving.

## Means a Brighter Day.

The following bit of verse is worth being copied and placed where every member of the family can read it often: "We have careful thoughts for the stranger, And smiles for the sometime guest, But oft for our own the bitter tone, Though we love our own the best. Ah! lips with the curve impatient, Ah! brow with that look of scorn, 'Twere a cruel fate were the night too late To undo the work of morn!"

I have a postcard facing me in my kitchen which says, "Smile every time you think of it, and you will soon get the habit." No one knows how such little things help.

Mrs. George P. Ernenwein.

## My Handiest Kitchen Tool.

[Prize Letter.]

The handiest tool I have ever used in my kitchen is a food chopper. The one I have has five plates, and their uses are numerous. No. 1 is for grinding chocolate, nutmeg, spices, peanuts for butter, etc. No. 2 grinds coconut and horse radish, thereby saving finger nails and tears. No. 3 grinds sausage, and we usually make eight to ten gallons every winter. This besides the scrap beef and neck pieces we buy during the year and grind up into hamburger steak and beef loaf, making it into palatable meat when otherwise it would be tough and almost useless. We also grind up all left-over cooked meat and make meat balls or hash. No. 4 we use to grind all ingredients for our mincemeat. The meat is cooked tender and bones removed, then cut into convenient strips; the lemons and oranges are peeled and seeded; prepared seeded raisins are used and the apples are pared and quartered; then everything is quickly and satisfactorily chopped by use of the food chopper. Also stale or toasted bread is chopped for culinary purposes. Plate No. 5 is used to chop cabbage, green tomatoes and onions for chowchow, also potatoes, cabbage, etc., for soup, apples and rhubarb for pies, and many other vegetables and fruits the housewife may want chopped.

Mrs. Florence King.

Georgetown, Ind.

## Make Your Own Cornstarch.

[Prize Letter.]

I wish some of you who live on farms would try some homemade cornstarch. For puddings, etc., eaten with cream it is delicious. Take a heavy milk pan and punch holes all over the bottom with a nail until it is like a grater. Pour a pail of water into the wash boiler. Gather several bushels of field corn while it is in the milk, and husk and silk a few ears at a time, then grate off down to the cob and as fast as you grate it off drop it into the boiler. When you think you have enough for a good supply of starch add water until you have nearly a boilerful of pulp and water. Strain and squeeze this through a couple thicknesses of cheesecloth, as you would jelly, until it is all clear of pulp, then pour into a pail, cover and let sit until morning. In the morning pour off all the water. The nice thick starch will be settled to the bottom. Take your cream skimmer, skim it up in layers and spread around on plates, platters, etc., cover over with cheesecloth and set in the sun to dry. When it commences to crack loosen it up with a knife and when dry rub it to powder.

It will be white, pure and wholesome. I have made eight or nine pounds at one grating. Mrs. A. G. Clewell.  
Watonga, Okla.

## Around a Country Home.

Let the chickens range where the crickets trouble you most and they will soon get rid of them.

Sweet milk made strong with soda and a little copperas is excellent for an ant or spider bite or bee sting.

How many have made light bread with water in which sweet potatoes have been boiled? Try it. It will be a success.

I rinse my dishes, both glass and queensware, at least once a week with hot water made strong with soda. It makes them glossy and takes off all brown stains.

I have found nothing better to take fruit stains from table linen than boiling water strained through it.

Butler, Okla. A. White.

## Four Summer Time Recipes

BY MAIL AND BREEZE COOKS.

If you are making grape pie take ripe grapes, split them with a sharp knife and remove the seeds until you have a cupful of the seeded fruit. Add 1 cup sugar, 1 egg, 1 tablespoon flour and a lump of butter the size of a walnut. Bake in two crusts.

Caney, Kan. Mrs. Elmer Brown.

## Poinsettia Tomato Salad.

One tomato, 3 level tablespoons chopped celery, 1½ tablespoons chopped nuts. Chill the tomato, then with a sharp knife split it open to make five points like the petals of a flower, being careful not to break them, and with a spoon scoop out the pulp from the center. Mix the tomato pulp with the celery and nuts, add

seasoning, and put it into the tomato shell. Serve with a whipped cream dressing. The tomato must be kept cold or it will wilt. Esther Ohlson.  
Atwood, Kan.

## Corn Relish.

[Prize Recipe.]

Two dozen ears of corn, 6 large white onions, 1 large, firm head of cabbage, 6 small red peppers, 6 large sweet peppers, 1 cup sugar, 2 quarts vinegar, ¼ cup salt, 2 heaping tablespoons celery seed, 2 tablespoons mustard. Shave the corn from the cob, chop the cabbage, onions and peppers. Mix the mustard with 1 pint of the vinegar. Put all the other ingredients together, put in a kettle and let boil 20 minutes, stirring all the time. Then add the mustard and vinegar mixture, bring to the boiling point once more then place in bottles and seal while hot.

Mrs. T. J. Stricklin.

R. 1, Bethel, Kan.

## She's Wearing a Capper Button

Evidently the older readers of the Mail and Breeze family are not the only ones who are taking an interest in seeing to it that Mr. Capper shall be elected governor in November. The day before the recent primary a little Butler county girl penned the following and put it in the mail:

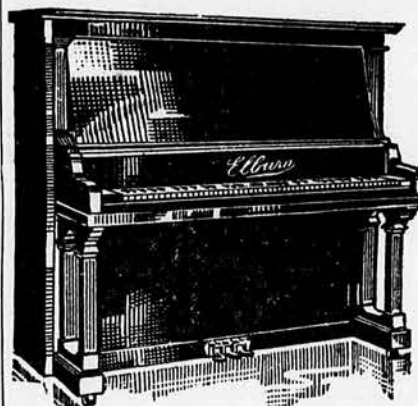
Dear Mr. Capper—I hope you will be elected tomorrow at the Republican primary, August 6, in Eldorado, Butler county, Kansas. I am a little girl 9 years old. I wish I could vote for you. I would vote two or three times. I wish you would put this in the paper. And I would like to have one of your campaign buttons.

ARBELLA BROWN.

Eldorado, Kan.

In due course the letter came to hand and Butler county's youngest suffragette is now wearing a personally selected Capper button.

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Gentlemen—Received the Elburn piano a few days ago, and am very much pleased with it. We had an Elburn piano at home. When I was married and wanted a piano for my home I wanted an Elburn because I like them better than anything I know, so this makes the second Elburn Piano. Respectfully,  
MRS. GEORGIA LOGAN, R. F. D. No. 2.

You Don't Pay a Cent Until You Are Convinced by Trial of the Remarkable Beauty and Merit of This Piano.

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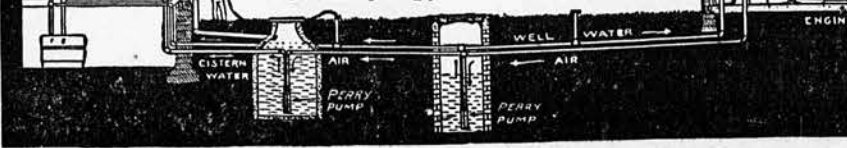
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# MARKET PROBABILITIES

[Written Specially for the Farmers Mail and Breeze.]

There was plenty stirring in the cattle market last week. It was not roped or tied at either end and the middle showed uneven variations, indicative of some internal disturbances. The most important feature was that prime steers reached levels about 25 cents above the tops of the preceding week, and made new high records for all times. The highest price in Chicago was \$10.50; in Kansas City, \$10.40, and other markets reported sales from \$10.15 to \$10.35.

Between 250 and 300 car loads of fat steers at all the Western markets made \$10, or better, but this was only a small part of a total supply of about 136,000 received. The best fed western, grassfat, wintered, and half fed steers made \$10 to 15 cents higher levels. Conspicuous in the sales were Kansas pastured Texans at \$8.65, and the short fed and wintered classes at \$8.75 to \$9.25. Below the 8-cent level the market showed considerable weakness, and the kinds from \$7.50 down made an irregular decline of 25 to 50 cents. The recent high prices have been drawing a good many cattle that should have been held longer, but owners became restless and feared the high prices would slip. Late in the week reports from the East indicated decided weakness in the beef market, and buyers have curtailed their orders to a considerable extent. Their entire effort has been to make a further reduction in prices of the cheapest kinds, and the market shows a range of \$6.75 a hundred pounds, or from \$3.75 to \$10.50. Receipts have been liberal and while the market may recuperate some next week, it is quite probable that grass fat steers have seen the high point for the mid-summer season. In late fall they may improve again.

Receipts of cattle Monday were smaller than a week ago, and a year ago, and the market though not quotably higher than last week, was stronger in the spots where greatest weakness showed last week. All cattle sold readily, and lack of quality prevented any new high record prices.

The top price for hogs in Chicago the first of the week was \$8.65, in St. Louis \$8.70, in Kansas City \$8.57½, in St. Joseph \$8.55, in Omaha \$8.40. The market was quoted stronger.

Sheep prices remained in the same position as late last week, though no strength was evident in the trading.

The following table shows receipts of cattle, hogs and sheep at the five western markets Monday, August 5:

	Cattle	Hogs	Sheep
Kansas City	17,000	3,100	8,600
Chicago	18,000	32,000	35,000
Omaha	5,200	6,500	19,000
St. Louis	8,000	3,500	3,000
St. Joseph	1,700	5,000	2,700
Total	49,900	52,100	68,300
Preceding week	56,200	45,900	63,800
Year ago	68,900	48,400	72,700

Grain and hay prices show no important change.

## New High Record For Hogs.

New high records were made for hogs at all of the western markets last week. Chicago and St. Louis tops were \$8.75, and other markets reached \$8.55. At the high level the market appeared rather top heavy and demand, especially from shipping sources was curtailed. Receipts were light. Some sick hogs have been received in Chicago from Iowa, and in St. Louis and Kansas City from Missouri points. There is no alarm felt as the sickness is not confined to any certain localities, but is a sort of a hold over from last year's scourge, and only a light form at that. A good many farmers will feed green corn this fall to hogs. Great care should be exercised as young stock easily sickens on such a ration. With plenty of corn to feed late in the year, the runs early next year will be fairly large, though from now until the middle of December only light supplies are anticipated. Practically all the young stock is being held for feeding later, and the average weight of the offerings is holding up to the 200 mark. St. Louis is receiving the lightest weight hogs.

## The Feed Market Stronger.

For a time early last week there was decided weakness in the grain market but supplies were curtailed and prices started up again, hold net unchanged for corn and oats, and slightly net higher for wheat. Red wheat in some cases was above the dollar mark. Alfalfa, timothy and clover mixed continued steady. Prairie and straight clover were quoted higher. The general market was firm with both the receipts and demand large. At present the important seed quotations are alfalfa seed, \$10 to \$14 per

cwt.; flaxseed, \$1.55 a bushel; timothy, \$1.75 to \$2 a bushel; cane, \$1.30 to \$1.40; Kafir corn No. 2, white, \$1.66 to \$1.67 a cwt.; No. 3 white, \$1.63 to \$1.64.

## Trading Resumed In Horses.

After an interval of nearly two months in which all the principal markets had hard struggle to keep up an appearance of trading, the season of broadening demand seems to have arrived. From all markets come the same reports and it looks as though life is returning. The resumption of trade is about on the same price basis as where it left off, except for the plainer kinds and they are about \$5 to \$10 a head lower.

## Quotations on Hay.

The following quotations are for hay on the Kansas City market:

Prairie, choice	\$10.25@10.50
Prairie, No. 1	9.25@10.00
Prairie, No. 2	8.00@9.00
Lowland prairie, No. 1	6.00@7.00
Lowland prairie, No. 2	4.50@5.50
Timothy, choice	13.50@14.00
Timothy, No. 1	12.50@13.00
Timothy, No. 2	9.50@12.00
Clover mixed, choice	12.50@13.00
Clover mixed, No. 1	11.00@12.00
Clover mixed, No. 2	9.00@10.50
Clover, choice	11.00@11.50
Clover, No. 1	9.50@10.50
Clover, No. 2	7.00@9.00
Alfalfa, new, choice	12.50@13.50
Alfalfa, new, No. 1	10.50@12.00
Alfalfa, new, No. 2	4.50@4.75
Straw	5.00@6.00

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

	Kansas City	St. Louis
Soft No. 2	99c @ \$1.01	\$1.05½ @ \$1.07
Hard No. 2	89c @ .91½	.94 @ .97
Corn		
White No. 2	78 @ 79c	79 @ 80c
Mixed corn	74 @ 75½c	78 @ 78½c
Oats		
No. 2 white	34½ @ 35½c	34 @ 34½c
No. 2 mixed	34½ @ 35½c	32 @ 33½c

## HOUSE CONCURRENT RESOLUTION No. 3.

Granting equal rights and privileges to women.

Be it resolved by the Legislature of the State of Kansas, two-thirds of the members elected to each House thereof concurring therein:

That the following proposition to amend the constitution of the state of Kansas be hereby submitted to the qualified electors of the state for their approval or rejection, namely:

Section 1. The rights of citizens of the state of Kansas to vote and hold office shall not be denied or abridged on account of sex.

Sec. 2. This proposition shall be submitted to the electors of this state at the election for representatives to the Legislature in the year 1912. The amendment hereby proposed shall be known on the official ballot by the following title:

"Amendment to the constitution granting equal rights and privileges to women," and the vote for or against such amendment shall be taken as provided by law.

Sec. 3. This amendment, if adopted, shall be known as section 8 of article 5 of the constitution of the state of Kansas.

Sec. 4. This resolution shall take effect and be in force from and after its publication in the statute book.

Passed the House February 7, 1911.

Passed the Senate February 8, 1911.

Approved February 9, 1911.

I hereby certify that the foregoing is a true and correct copy of original House Concurrent Resolution No. 3, now on file in my office.

CHAS. H. SESSIONS,

Secretary of State.

## Water Works for the Farm and Country Home.

One of the notable tendencies of today is the "back to the land" movement. The reasons are not far to seek. Cost of living has increased so much more in proportion than wages, that the man of family, working on a meager salary, has awakened to the hopelessness of his future under the adverse conditions prevailing. The extension of railroad into undeveloped country and the consequent inducements offered colonists and homeseekers, have attracted the adventurous. Again, extensive advertising by land syndicates has influenced thousands even of the prosperous in towns and cities, to "pull up stakes" and try their fortunes in a new and less populated locality. Finally, with the growth of wealth and the refinements of living that follow, it has become the fashion for the well-to-do and even for those in comparatively moderate circumstances, to own a country place—a suburban villa—or it may be merely a rough lakeshore or woodland camp. All this has taken the city to the country. The urbanite, reared amid the conveniences and luxuries of life, has not been willing to forego, in his rural retreat, the comforts to which from earliest remembrance, he has been accustomed. City comforts are being rapidly adopted likewise by the farmer "born and bred." Seasons of bountiful crops have made him independent—the multiplication of magazines and rise of advertising have shown him a shorter cut to profit. As a result a revolution has been made in life on the farm—a great victory won over discomfort and hardship. Not the least among the benefits of this "peaceful revolution" is the more common use of running water in homes, stables and other farm buildings where formerly all water used had to be carried in buckets. Today the country dweller has but to turn a faucet to have a steady stream of pure water fresh from the source, which may be a deep well, or a sparkling spring situated at a

considerable distance. Since domestic water supply systems were first put upon the market only one system has departed from the general principles of the original idea of a storage tank. This radically different system in the lifework of Thomas O. Perry who lived on a farm as a boy and knew the field that offered for a scientific system and the shortcomings of those then in use. Simply stated, Mr. Perry's system did not store the water at all. It did store air pressure—that is, the power used to force the water through the pipes. By this means the unsanitary water tank, unsightly elevated tank, with its rust, its deposit of slime and its insufficient supply, is avoided. The water is supplied direct from the source as needed. The low operation cost of the Perry appeals strongly to most owners. One user in Shelby, N. C., writes that it cost only 25c per month to supply his home and farm; less than 2c per 1,000 gallons. Since this system was offered to the public, about four years ago, nearly 4,000 have been installed and are operating successfully. Many imitations have been put upon the market. So far, all of them have failed, due to design and construction covered exclusively by the Perry patents. If you are interested in knowing more about this most successful of water supply systems, or would like to know what you could have one installed on your place for, address, United Pump & Power Company, 447 Old Colony Bldg., Chicago. Detailed descriptions, plans and layouts will be sent you without charge, together with an interesting series of booklets.

## The New Peoria Drill.

The Peoria Drill and Seeder Company, 2434 North Perry St., Peoria, Ill., has a new ad on page 19. This is one of the best grain drills made. Read especially about the "Furrow Opener" feature in the ad. If you need a drill, if you are interested in the drill question, an important one in Kansas, be sure to write to above address for the free booklet. A postal card will do.

The North American Construction Company's advertising, most of it in the big magazines, has attracted a great deal of attention during the past year. Farmers

Mail and Breeze has never carried this advertising until this week. See the full page advertisement on page 2. It is mighty instructive to any one intending to build. The Aladdin houses mean a big saving in material, time and labor. They are worth looking into. Read about how to save four profits in the big ad. Write for catalog 3-A to North American Construction Company, Bay City, Michigan. Fill out the coupon.

The Studebakers have been making the E-M-F "30" and Flanders "20" cars for some time. Our readers have doubtless known that. Now they have done the logical thing in changing the names to "Studebaker." There is a fine Studebaker ad on page 7. You know that everything Studebaker makes is good. These cars simply must be good, and they are sold at an astonishingly low price. Write for catalog F-16 to The Studebaker Corporation, Detroit, Mich.

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

## CONSIGN OR SELL TO US YOUR HAY AND GRAIN

Send us your name and we will keep you posted on the market. C. E. SHOFSTALL HAY & GRAIN CO., 605B Live Stock Exchange, Kansas City, Mo.

**FARMERS** and poultry raisers, take notice. If you are interested in wanting to know where and how you can get more money for your poultry and eggs write to BARR BROS., KANSAS CITY, MISSOURI.

## 3-STROKE Self-Feed HAY PRESS

Satisfaction Guaranteed. Record run 3 tons in 1 hr. All steel and iron. Two men can run it.



Consign Your Hay to Us. The Auto-Fedan Hay Press Co., 1514 W. 12th St., K. C., Mo.



**WHEAT AND STOCK RANCH FOR SALE OR TRADE.** 1,920 acres, 10 miles county seat, new 11 room house with cellar, also outdoor cement cellar, barn 40 x 46, machine shed 36x40, and other necessary outbuildings, 3 wells, never failing springs, old ranch house of four rooms, 16 miles of fencing, about 1,000 acres in cultivation, 90 acres in alfalfa, part level and part rolling, averages only 40 feet to water; price \$25.00 per acre. Terms. New list free. E. W. MOORE, Spearville, Kansas.

## ALFALFA SEED FOR FALL SOWING.

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

## Acorn Brand Alfalfa Seed

represents the best qualities of NATIVE grown Alfalfa seed, shows high purity, is of good vitality—the price is somewhat higher than is being quoted on European grown seed—but it is free of noxious weed seeds—it is worth more money. Samples supplied if wanted.

## Kharkof Wheat

is, perhaps, the best type of the Kansas Turkey Red family—is thoroughbred, tests good weights, is hardy, will produce larger yields in the winter wheat districts than any other variety now grown, commands highest market price. Samples supplied if wanted.

Your inquiries for Alfalfa, Wheat or other Seeds will receive prompt attention. ROSS BROTHERS SEED HOUSE, East Douglas Ave., Wichita, Kan.

## I Will Save You up to 25% On Your Seeds this Season

Buy direct from the grower. Stop paying excessive profits to middlemen. Get Pure, Tested, Guaranteed Re-cleaned Seed. Insure your crop in advance. Sow Hyde Seeds—used and indorsed by thousands of farmers everywhere. Here's my guarantee. "Hyde Seeds must be exactly as represented—you to be the judge—or I will send your money back, and there'll be no quibbling about it, either." Orders shipped promptly and to any station.

**HYDE RED CROSS WHEAT** Beardless. From fields yielding 30 to 50 bu. The hardest and best of all smooth varieties. A persistent and heavy yielder. Large, plump kernels. Stiff straw, withstands heavy winds. Resistant to Hessian Fly and other pests.

**HYDE TIMOTHY SEED** Fancy Home Grown, direct to you at less than wholesale prices. Don't pay middlemen profits. Order direct from me and save this needless expense. I offer you the choice of thousands of bushels, and guarantee it.

The standard of all Bearded Varieties. The very best and the highest yielding. So proven by tests of farmers and experiment stations. It is vigorous and hardy and will withstand the severest winter.

Alfalfa is the most profitable crop in existence and can be successfully grown in any state. The seed I offer is pure, tested, and guaranteed—direct to you from the famous North-central alfalfa belt.

Write Today for Free Samples, Price List and General Catalog.

**THE HYDE SEED FARMS, McFall, Missouri**



## Official Kansas Grades

Under provisions of chapter No. 222, Laws of 1907, the Grain Grading Commission appointed under said act met pursuant to published call at the Governor's office in Topeka, Kansas, on the 30th day of July, 1912, and established the following grades of grain, to be known as Kansas Grades, to be in effect on and after the 1st day of August, 1912.

J. G. MAXWELL, McPherson,  
THOMAS PAGE, Topeka,  
A. T. ROGERS, Beloit,  
Grain Grading Commission.

## RULE 1.

Wheat which has been subjected to "scouring," or to some process equivalent thereto, or containing an objectionable amount of rye, shall not be graded higher than No. 3.

## RULE 2.

## GENERAL.

All wheat, corn, oats, barley, rye and Kafir corn that is in a heated condition, souring, or too damp to be safe for warehousing, or that is badly bin-burnt, fire-burnt, house, or that is badly damaged, dirty, or fire-smoked, or badly damaged, dirty, or where different kinds of grain are badly mixed with one another, shall be classed "Sample Grade," and the inspector shall make notation as to quality and condition; and whenever it is evident that wheat screenings or other dirt has been mixed into wheat, the same shall not be graded better than Sample Grade.

## RULE 3.

## LIVE WEEVIL.

Wheat containing live weevil shall not be graded, but the inspector shall give the variety of wheat and test weight, and note "Live Weevil."

## RULE 4.

## PLUGGED CARS.

Inspectors shall in no case make the grade of grain above that of the poorest quality found in any lot of grain inspected, or where it has evidently been "plugged" or otherwise improperly loaded for the purpose of deception.

## RULE 5.

## REASONS FOR GRADING.

All inspectors shall make their reasons for grading below No. 2 fully known by notation on their reports. The weight alone shall not determine the grade.

## RULE 6.

## THE WORD "NEW."

The word "New" shall be inserted in each certificate of inspection of newly harvested wheat until September 1 of each year.

## RULE 7.

## REINSPECTIONS.

All orders for reinspection must be in the office within the first forty-eight hours following the original inspection, and in no case will grain be reinspected after a lapse of three days from the date of the original inspection.

## RULE 8.

## CLAIMS.

All claims for damages against the inspectors or weighmasters must be filed in the office before the grain has left jurisdiction of this department.

## RULE 9.

## MIXED WHEAT.

In case of an appreciable mixture of hard and soft wheat, red and white wheat, durum and spring wheat with each other, it shall be graded according to quality thereof and be the kind of wheat predominating, shall be classed No. 1, 2, 3 or 4 Mixed Wheat, and the inspector shall make notation describing its character.

## RULE 10.

## SULPHURED GRAIN.

All oats or barley that has been chemically treated with sulphur shall be classed as "Sulphured Grain," and inspectors shall note same on certificates of inspection.

## NOTICE.

These official Kansas Grades are given us by the Grain Grading Commission, and will be the basis of all inspections made. Misunderstandings can be avoided by interested parties making themselves familiar with these rules.

## D. R. GORDEN, Chief Inspector.

## HARD WINTER WHEAT.

No. 1 Dark Hard.—Shall be hard winter wheat of the dark type, sound, sweet, dry, plump and clean, and shall contain not more than ten per cent yellow berry, and shall weigh not less than sixty-one pounds to the bushel.

No. 2 Dark Hard.—Shall be hard winter wheat of the dark type, sound, sweet, dry, plump and clean, and shall contain not more than ten per cent yellow berry, and shall weigh not less than fifty-nine pounds to the bushel.

No. 3 Dark Hard.—Shall be hard winter wheat of the dark type, sound, sweet, dry; may be some bleached, but not clean or plump enough for No. 2, and shall contain not more than ten per cent yellow berry, and shall weigh not less than fifty-six pounds to the bushel.

No. 4 Dark Hard.—Shall be hard winter wheat of the dark type, tough, sprouted, or from other causes so badly damaged as to render it unfit for No. 3, and shall contain not more than ten per cent yellow berry.

## HARD WINTER WHEAT.

No. 1 Yellow Hard.—Shall be hard winter wheat of the yellow type, sound, sweet, dry, plump and clean, and shall weigh not less than sixty-one pounds to the bushel.

No. 2 Yellow Hard.—Shall be hard winter wheat of the yellow type, sound, sweet, dry, plump and clean, and shall weigh not less than fifty-nine pounds to the bushel.

No. 3 Yellow Hard.—Shall be hard winter wheat of the yellow type, sound, sweet, dry, may be some bleached, but not clean or plump enough for No. 2, and shall weigh not less than fifty-six pounds to the bushel.

No. 4 Yellow Hard.—Shall be hard winter wheat of the yellow type, tough, sprouted, or from any cause so badly damaged as to render it unfit for No. 3 Hard.

## KANSAS TURKEY WHEAT.

Hard winter wheat of the long berry, dark amber-colored type of the Turkey varieties shall be classed as No. 1 Kansas Turkey Hard Wheat, No. 2 Kansas Turkey Hard Wheat, No. 3 Kansas Turkey Hard Wheat, No. 4 Kansas Turkey Hard Wheat,

and inspection certificates issued accordingly; and the other specifications for each of these grades shall be the same as for Kansas Hard Winter Wheat of the same grade.

## RED WINTER WHEAT.

No. 1 Red Winter.—Shall be red winter wheat, sound, sweet, dry, plump and clean, and shall weigh not less than sixty pounds to the bushel.

No. 2 Red Winter.—Shall be red winter wheat, plump and clean, may contain not more than eight per cent of hard winter or white winter wheat, or both, and weigh not less than fifty-eight pounds to the bushel.

No. 3 Red Winter.—Shall be sound, sweet, dry, may be some bleached, but not clean or plump enough for No. 2, may contain not more than eight per cent of hard winter or white winter wheat, or both, and shall weigh not less than fifty-five pounds to the bushel.

No. 4 Red Winter.—May be tough, skin-burned or dirty, may contain not more than eight per cent of hard winter or white winter wheat, or both, must be cool, and shall weigh not less than fifty pounds to the bushel.

## WHITE WINTER WHEAT.

No. 1 White Winter Wheat.—Shall be sound, sweet, dry, plump and clean, and shall weigh not less than fifty-eight pounds to the bushel.

No. 2 White Winter Wheat.—Shall be sound, sweet, dry and clean, and shall contain more than eight per cent of red winter or hard winter wheat, and shall weigh not less than fifty-six pounds to the bushel.

No. 3 White Winter Wheat.—Shall be sound, sweet, dry, may be some bleached, but not clean or plump enough for No. 2, and shall contain not more than ten per cent of red winter or hard winter wheat, and shall weigh not less than fifty-three pounds to the bushel.

No. 4 White Winter Wheat.—Shall include tough, musty, dirty white winter wheat, not to contain more than ten per cent of red winter or hard winter wheat, and shall weigh not less than fifty pounds to the bushel.

## NORTHERN HARD SPRING WHEAT.

No. 1 Northern Hard Spring.—Must be northern-grown spring wheat, sound, sweet, dry and clean, more than fifty per cent of the hard varieties, and weigh not less than fifty-seven pounds to the bushel.

No. 2 Northern Hard Spring.—Must be northern-grown spring wheat, not clean, sweet or sound enough for No. 1, more than fifty per cent of the hard varieties, and fifty per cent of the hard varieties, and weigh not less than fifty-six pounds to the bushel.

No. 3 Northern Hard Spring.—Must be northern-grown spring wheat of inferior quality, more than fifty per cent of the hard varieties, and weigh not less than fifty-four pounds to the bushel.

No. 4 Northern Hard Spring.—Shall include all inferior, shrunk, northern-grown spring wheat that is badly damaged, more than fifty per cent of the hard varieties, and weigh not less than forty-nine pounds to the bushel.

## SPRING WHEAT.

No. 1 Dark Spring.—Shall be spring wheat of the dark variety, sound, sweet, dry, plump and clean, and shall weigh not less than fifty-nine pounds to the bushel.

No. 2 Dark Spring.—Shall be spring wheat of the dark variety, sound, sweet, dry, clean and of good milling quality, and shall weigh not less than fifty-seven pounds to the bushel.

No. 3 Dark Spring.—Shall be spring wheat of the dark variety, sweet, but may be some bleached and shrunk, and shall weigh not less than fifty-five pounds to the bushel.

No. 4 Dark Spring.—Shall include spring wheat of the dark variety, tough, musty, sprouted, or that which from any cause is rendered unfit for No. 3, and shall weigh not less than fifty pounds to the bushel.

## WHITE SPRING WHEAT.

The grades of Nos. 1, 2, 3 and 4 White Spring Wheat shall correspond with the grades Nos. 1, 2, 3 and 4 dark spring wheat, except they shall be of the white variety.

## DURUM (MACARONI) WHEAT.

No. 1 Durum.—Shall be bright, sound, sweet, dry and clean durum wheat, and shall weigh not less than sixty pounds to the bushel.

No. 2 Durum.—Shall be sound, sweet, dry and clean durum wheat, and shall weigh not less than fifty-eight pounds to the bushel.

No. 3 Durum.—Shall be dry, sweet, may be some bleached, or from any cause unfit for No. 2, and shall weigh not less than fifty-five pounds to the bushel.

No. 4 Durum.—Shall include durum wheat that is tough, bleached, or shrunk, and shall weigh not less than fifty pounds to the bushel.

## PACIFIC COAST RED AND WHITE WHEAT.

No. 2 Pacific Coast Wheat.—Shall be dry, sound, clean, may be tainted with smut, and alkali, and weigh not less than fifty-eight pounds to the bushel.

No. 3 Pacific Coast Wheat.—Shall include all other Pacific coast wheat, may be smutty or musty or for any reason unfit for flouring purposes, and weigh not less than fifty-four pounds to the bushel.

(NOTE.—In case of a mixture of red or white Pacific coast wheat with our home-grown wheat, such mixture shall be graded Pacific Coast Wheat.)

## RYE.

No. 1 Rye.—Shall be plump, sound, dry and free from other grain, and well cleaned.

No. 2 Rye.—Shall be plump, sound and clean.

No. 3 Rye.—May be shrunk, bleached, and not clean enough for No. 2.

No. 4 Rye.—To include all tough, musty or dirty rye unfit for No. 3.

## OATS.

No. 1 White Oats.—Shall be pure white oats, dry, sweet, sound, clean, and free from other grain.

No. 2 White Oats.—Shall be seven-eighths white, sound, dry, and contain not more than one per cent each of dirt or foreign matter or three per cent of other grain.

No. 3 White Oats.—Shall be more than three white, sound, dry, and not more than five per cent of dirt or foreign matter nor five per cent of other grain.

No. 4 White Oats.—Shall be seven-eighths white, tough, musty, or from any cause unfit for No. 3.

## RED OATS.

The grades of No. 1, 2, 3 and 4 Red Oats shall correspond with the grades of No. 1, 2, 3 and 4 White oats, except that they shall be of the red variety.

## MIXED OATS.

No. 1 Mixed Oats.—Shall be mixed oats of various colors, dry, sound, sweet, clean, and free from other grain.

No. 2 Mixed Oats.—Shall be mixed oats of various colors, dry, sound, sweet, and not contain more than two per cent of dirt or foreign matter or three per cent of other grain.

No. 3 Mixed Oats.—Shall be mixed oats of various colors, sweet, and shall not contain more than three per cent of dirt or foreign matter or five per cent of other grain.

No. 4 Mixed Oats.—Shall be mixed oats, tough, dirty, or from any cause unfit for No. 3.

## STANDARD WHITE OATS.

Shall be seven-eighths white, sound, sweet, and shall not contain more than three per cent of dirt or foreign matter, or five per cent of other grain.

## BARLEY.

No. 1 Barley.—Shall be sound, bright, sweet, clean, and free from other grain.

No. 2 Barley.—Shall be sound, dry, and of good color.

No. 3 Barley.—Shall include shrunk, stained, dry barley, unfit to grade No. 2.

No. 4 Barley.—Shall include tough, musty, dirty barley.

## SPELTZ.

No. 1 Speltz.—Shall be bright, sound, dry, and free from other grain.

No. 2 Speltz.—Shall be sound and dry, and not contain more than ten per cent of other grain.

No. 3 Speltz.—Shall be dry, not sound enough for No. 2, and contain not more than ten per cent of other grain.

No. 4 Speltz.—To include all speltz that is dirty, musty or tough.

## CORN.

The following maximum limits shall govern all inspection and grading of corn:

GRADE.	Percentage of moisture.	Percentage of rotten, exclusive of bin-burned.	Percentage of dirt and broken grains.
No. 1.....	15	1	1
No. 2.....	18	5	2
No. 3.....	19	10	4
No. 4.....	22	.....	.....

## WHITE CORN.

No. 1 White Corn.—Shall be pure white corn, and sweet.

No. 2 White Corn.—Shall be fifteen-sixteenths white, and sweet.

No. 3 White Corn.—Shall be fifteen-sixteenths white, and sweet.

No. 4 White Corn.—Shall be fifteen-sixteenths white, but shall include tough, musty, and damaged corn.

## YELLOW CORN.

No. 1 Yellow Corn.—Shall be pure yellow corn, and sweet.

No. 2 Yellow Corn.—Shall be seven-eighths yellow, and sweet.

No. 3 Yellow Corn.—Shall be seven-eighths yellow, and sweet.

No. 4 Yellow Corn.—Shall be seven-eighths yellow, but shall include tough, damaged or musty corn.

## MIXED CORN.

No. 1 Mixed Corn.—Shall be corn of various colors, and sweet.

No. 2 Mixed Corn.—Shall be corn of various colors, and sweet.

No. 3 Mixed Corn.—Shall be corn of various colors, and sweet.

No. 4 Mixed Corn.—Shall be corn of various colors, but shall include tough, damaged or musty corn.

## KAFIR CORN.

No. 1 White Kafir Corn.—Shall be pure white, of choice quality, sound, dry, and well cleaned.

No. 2 White Kafir Corn.—Shall be seven-eighths white, sound, dry and clean.

No. 3 White Kafir Corn.—Shall be seven-eighths white, not dry or clean or sound enough for No. 2.

No. 4 White Kafir Corn.—Shall be seven-eighths white, tough, damaged, musty or dirty.

## RED KAFIR CORN.

The grades of Nos. 1, 2, 3 and 4 Red Kafir corn shall correspond with grades Nos. 1, 2, 3 and 4 White Kafir corn, except that they shall be of the red variety.

## MIXED KAFIR CORN.

No. 1 Mixed Kafir Corn.—Shall be mixed Kafir corn of choice quality, sound, dry, and well cleaned.

No. 2 Mixed Kafir Corn.—Shall be mixed Kafir corn, sound, dry and clean.

No. 3 Mixed Kafir Corn.—Shall be mixed Kafir corn, not clean, dry or sound enough for No. 2.

No. 4 Mixed Kafir Corn.—Shall be mixed Kafir corn, tough, musty or dirty.

## MILO MAIZE.

No. 1 Milo Maize.—Shall be milo maize of choice quality, sound, dry and well cleaned.

No. 2 Milo Maize.—Shall be milo maize that is sound, dry and clean.

No. 3 Milo Maize.—Shall be milo maize that is not dry or sound enough for No. 2.

No. 4 Milo Maize.—Shall include all milo maize that is tough, musty or dirty.

## OUR SPECIAL OFFER.

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

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Large pleasant rooms. Moral surroundings. Chapel exercise every morning. Strong modern courses. Living expenses reasonable. Tuition refunded in 30 days if not pleased. No solicitors. Valuable prospectus free.  
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47th Year. \$100,000 College Building has 12 rooms, including Auditorium and Free Gymnasium. SHORTHAND, TYPEWRITING, BOOK-KEEPING, TELEGRAPHY AND ENGLISH. DAY & NIGHT SCHOOLS. Write to-day for FREE Catalogue "B"

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

For revision of taxes downward on city, county and township as well as state taxes.  
For the strictest economy in public expenditure—a dollar's worth of service for every dollar of the people's money.  
For all legislation which eliminates useless officials, clerks, commissions and boards, usually created to give jobs to political leeches and grafters.  
For the civil service and merit system in the transaction of all business of the state.  
For consolidation of boards and other public offices wherever possible.  
For salaries for county officials instead of the present fee-grabbing system.  
For a more efficient primary law, including a presidential preference, and the fullest publicity to campaign expenses and contributions, and the elimination of the slush-fund in politics.  
For government by the people and not the bosses, the politicians and favored special interests.  
For the election of state and county officers for a term of four years, subject to recall, and making state officers ineligible for more than one term.  
For the election of United States senators and all officials by direct vote of the people, for the non-partisan election of judicial officers, and for the equal suffrage amendment now before the voters.  
For abolition of life terms of office of federal judges and substitution thereof of limited terms.  
For an amendment to the present inheritance tax law, exempting all direct heirs for at least \$25,000.  
For the state publication of school books and distribution to patrons at actual cost.  
For the Initiative, Referendum and Recall.

For a practical, sensible good roads law, that will do away with the wastefulness and inefficiency of the present system.  
For the assessment of real estate every four years, and abolishment of the office of county assessor, except in counties where the office is created by vote of the people.

For less technicality and speedier justice in courts.  
For legislation to increase the efficiency of the rural and grade schools.

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

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

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

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

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

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

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

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

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

Arthur Capper.



# SCHOOLS AND COLLEGES

*Arkansas City*  
**E. G. BETZ**  
 Manager,  
 for free catalog. Arkansas City, Kansas.

**CIVIL SERVICE**  
 GOVERNMENT POSITIONS  
 Salary \$70.00 to \$250.00 per month. Send for free Manual. National Civil Service Training Association, Kansas City, Missouri.

**WANTED** 500 Young Men and Women to take our course in Banking, Shorthand, Bookkeeping and Typewriting. Special contract to those who wish to pay after a position is secured. Positions guaranteed. Write for catalog. Address **CENTRAL KANSAS BUSINESS COLLEGE**, Abilene, Kan.

**Hill's Business College**  
 Send for catalogue and special rate for fall opening. Address **JOHN M. HILL**, President, Oklahoma City, Oklahoma.

**WE TEACH YOU**  
 Learn to operate and repair automobiles. Training on vulcanizers, drill presses, lathes. Pattern making, moulding, brazing and driving. Free catalogue. **LINCOLN AUTO SCHOOL**, 2350 O St., Lincoln, Neb.

**Rude Brothers Business College**  
**CARTHAGE, MISSOURI.**  
 "The School you will eventually attend."  
 Complete courses in bookkeeping, shorthand, typewriting, penmanship, English, mathematics, spelling and office practice. Highest standard. Best rates. A good position awaits you when you finish with us. Address **F. M. RUDE**, President, CARTHAGE, MO.

**Learn Telegraphy**  
 A practical school with railroad wires. Owned and operated by A. T. & S. F. R. Ry. EARN FROM \$50 TO \$165 PER MONTH. Write for catalogue. **SANTA FE TELEGRAPHY SCHOOL**, Desk G, 505 Kansas Ave., Topeka, Kan.

**Learn the Auto Business**  
 We are making a special summer rate of \$25.00 for our full course of instructions in car driving, ignition and repair work. Our school is under the supervision of our regular shopmen and only a few students are handled individually. If you are coming to any Automobile school see us first.

**The Standard Engineering Company**  
 1116-18 East 15th St., Kansas City, Mo.

**STRONG** and well established. Specialists are employed as teachers in all departments. **Business, Stenography, Telegraphy, Commercial, Railway and Wireless.** Railroad positions furnished telegraph students. Write for Journal "B." **Enid Business College**, Enid, Oklahoma.  
**J. E. GEORGE, Pres.**

**THE REAL, PROGRESSIVE BUSINESS SCHOOL of the WEST**  
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 The School that meets the needs of the people **Huff's School of Expert Business Training**  
 512 Lloyd Building, Kansas City, Missouri.

**A Prestige in the Business World**  
 The leading business men of Topeka and nearby towns share in the ownership of Dougherty's Business College. Men whose names are well known in all parts of Kansas have a part in its management. This close co-operation between Dougherty's Business College and the business community is one of the factors that makes its training so practical and efficient. This prestige is an immense advantage to our students in securing positions. There are numerous other reasons why you should attend Dougherty's. Write Geo. E. Dougherty, Pres., 116 to 120 W. 8th Ave., Topeka, Kan. for literature about courses, positions, chances to earn expenses, etc.

## Loretto Academy

**KANSAS CITY, MISSOURI.**  
 Under the direction of the Sisters of Loretto. Prepares young ladies for college or university work, or for the position they are destined to fill. Magnificent grounds and buildings. Music, Art and Elocution. Fall session opens Wednesday, September 4th. Free catalogue.  
 For complete information address **MOTHER SUPERIOR**, 39th St. and Roanoke Blvd. Kansas City, Mo.

**VETERINARIANS Are In DEMAND**  
 Graduates wanted as Government Inspectors, State, County and City Sanitary Officers, and as Practitioners. Write for full information to **THE KANSAS CITY VETERINARY COLLEGE**, 1325 East 15th St., Kansas City, Mo.

**Get Your Start at Gem City Business College**  
 Quincy, Illinois.  
 Thousands already started on the straight path to success. Let us start you this year. Annual attendance 1,200 to 1,400 from nearly every state. 23 teachers. Our own specially designed and equipped \$100,000 building. **GOOD POSITIONS** await graduates. Thorough courses in Shorthand, Typewriting, Bookkeeping, Actual Business Practice, Penmanship and Mathematics. Write postal for new 68-page beautifully illustrated catalog and year book. Address **D. L. MUSSELMAN, Pres.**, P. O. Box 144, Quincy, Ill.

**ATCHISON BUSINESS COLLEGE**  
 Offers unexcelled advantages in all lines of commercial education and offers to **FARMERS** Boys a special course in farm bookkeeping. Write for illustrated catalog to **A. F. HECK**, Atchison, Kansas.

**KANSAS CITY Business College**  
 Strongest corps of bookkeeping and shorthand teachers in the West. New quarters. **YOUNG WOMEN'S CHRISTIAN ASSOCIATION BLDG.**, 1018 McGee St., Kansas City, Mo.

**WICHITA BUSINESS COLLEGE**  
 Have published a little booklet that talks straight from the shoulder concerning business courses and business colleges. Might be interesting reading for prospective commercial students. Want one? Address all inquiries to **W. G. PRICE**, Pres.

**KANSAS COMMERCIAL COLLEGE**  
 721 Minnesota Ave., Kansas City, Kansas.  
 Write today for free catalogue and full information. Thorough courses in Bookkeeping, Shorthand, Typewriting, Telegraphy and Civil Service. Railroad contracts for all male telegraphers. A good position is assured you as soon as you finish any course with us.  
**E. W. BLAND**, President.

**Campbell College**  
 Holton, Kansas  
**BOOKKEEPING, SHORTHAND, AND TYPEWRITING COURSES AT CAMPBELL COLLEGE** are thorough and up-to-date. Experienced instructors. Rates reasonable. No signing of contract or payment of money required before you come to Holton to enroll. Pleasant surroundings. Send for information.  
**R. E. TOWNSEND**, Principal

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**919 Students from 20 States 44 Teachers**



**Terms begin**  
 Sept. 3  
 Nov. 4  
 Jan. 20  
 Mar. 31

College, Academy and Normal. During the past five years every graduate applying for a life certificate, has passed the state examination. This record is unequalled in Kansas. Small classes—one teacher for every 12 pupils—and high grade teachers account for our unusual success.

**Music.** Faculty of 22 specialists. Thorough courses in Piano, Voice, Violin, Organ, Cello, Theory, Cornet, Clarinet, etc. Supervisors course in Public School Music. Free instruction in Band and Orchestra. Famous Messiah concerts every Easter.

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**Expression and Dramatic Art.** Thoroughly equipped, this department offers the highest advantages to students in Oratory, Expression, Physical Culture and allied subjects.

**Painting.** Our dean is a member of the Board of Supervisors of one of the great annual Chicago Art Exhibits. Several of his pupils are teachers in art schools—a fact which speaks well for his success as a teacher.

**Domestic Science.** This department has a building of its own. The equipment is new and modern. Long and short courses.

**Expenses.** Board \$2.50 per week. Room, including heat and light 70c to \$1.00 per week. Other expenses correspondingly low. Many free advantages in every department. Remember it costs less to educate than not to. Enter any time. Write for free catalogue, mentioning course in which interested. Address,

**ERNST C. PIHLBLAD, President, Lindsborg, Kan.**

**The Presbyterian College of EMPORIA**  
 Is the Best College for Your Boys and Girls  
 Write for Catalogue to Pres. H. C. Culbertson, Emporia, Kansas

**LAWRENCE BUSINESS COLLEGE**  
 Centrally located in fine city of 15,000. Occupies two floors of its mammoth building, with 12,000 feet floor space, and accommodates 500 pupils at one time. No school west of Chicago so completely equipped. There are two Typewriter Instruction Departments—one for beginners and one for advanced pupils—and a special typewriter instructor, a teacher not found in ordinary or small business colleges. We have 60 typewriters, a fine Banking Department; also Adding Machine, Multigraph, Filing Cases, Letter Files and all important devices found in modern offices. Get our catalog now. Address 144 Massachusetts St., Lawrence, Kan.

**QUEEN CITY COLLEGE —Be Your Own Dressmaker OF DRESSMAKING AND TAILORING**  
 A thorough course in cutting, fitting and finishing garments. Open all year. Write for free catalog. Out-of-town pupils given special attention. Address **MRS. M. O. GIRARD, Principal**, 714½ Francis St., ST. JOSEPH, MO.

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 Lexington, Mo. 1855-1912. Near Kansas City. Music, 22 new pianos, Art, Expression, Voice, Domestic Science, Literary Standard high, Athletics. Write for "Home Life" and illustrated catalog. **C. LEWIS FOWLER, A. M., B. D.**, Box K, Lexington, Mo.

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 Fine equipment. 33rd year begins September 2nd. Business and Stenographic Departments in charge of experienced teachers. Individual instruction. Graduates placed in good positions. Highest endorsements. Opportunities to earn expenses. New catalog and information free. New term begins September 2nd. Write now.  
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**CENTRAL COLLEGE OF OSTEOPATHY**  
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 Tenth year opens Sept. 16 with finest up to date Osteopathic Building nearing completion. Write for best terms ever offered osteopathic students.  
**DR. HARRIET CRAWFORD, Sec.**, 506 Commerce Bldg.

**PITTSBURG BUSINESS COLLEGE**  
 The school from which the Banks, Wholesale Houses, Courts and Railroads secure their Bookkeepers, Stenographers and Telegraph Operators. Largest business college in the entire Middle West. Modern building and equipment. Large faculty of professional teachers. Forty new typewriters. Individual instruction. Thorough work. Positions for all graduates. Main line wire practice in telegraphy. Positions for those who wish to make living expenses while in school. School indorsed by Superintendents, Banks, Lawyers and Railroad Presidents. Expenses moderate. Conducted by men of large business and college experience.  
 New term opens Sept. 3, 1912. Write for 64-page catalog, and full particulars to **Pittsburg Business College, P. W. Errebo, Pres.**, Box A, Pittsburg, Kan.

**Kansas Agricultural College**  
 Manhattan, Kansas  
 Fall Term, Sept. 18  
**AGRICULTURE**—Soils, Crops, Dairying, Animal Husbandry, Horticulture, Poultry.  
**ENGINEERING**—Civil, Electrical, Mechanical, Highway Architecture.  
**DOMESTIC SCIENCE**—Cooking, Sewing, Home Decoration.  
**VETERINARY MEDICINE, SCIENCE, PRINTING, INDUSTRIAL JOURNALISM**—Courses reach down to the common schools. For catalog address  
**PRESIDENT H. J. WATERS**, Manhattan, Kan., Box D.  
 (Correspondence course offered.)



# FARMERS CLASSIFIED PAGE.

Advertisements will be inserted in this department at the low price of 5 cents per word each insertion for one, two, or three insertions. Four or more insertions only 4 cents per word each insertion. Cash must invariably accompany the order. Remit by postoffice money order. No order taken for less than \$1. This does not mean that a single insertion of your ad must cost \$1, but that your total order must reach \$1. All advertisements set in uniform style. No display type or illustration admitted under this heading. Each number and initial letter counts as one word. Guaranteed circulation over 104,000 copies weekly. Everybody reads these little ads. Try a "Farmers Classified" ad for results.

## HORSES, CATTLE, HOGS, SHEEP.

**FOR SALE**—Two registered Holstein-Friesian bulls. Ralph Robinson, Hutchinson, Kan., R. No. 4.

**FOR SALE**—"High Roller" Jersey bull about ready for service, write Chester Thomas, Waterville, Kan.

**SHROPSHIRE**—Rams and ewes for sale. All registered; prices reasonable. J. M. Shetlar, Moran, Kan.

**FOR SALE**—Several thoroughbred (not registered) Holstein bull calves, cheap. Apply to Superintendent Topeka State Hospital.

## SEEDS AND NURSERIES.

**SEED** rye, wheat, alfalfa and cowpeas; local grown. B. F. Kelsey, Oxford, Kan.

**ALFALFA SEED**—First class grade alfalfa seed for sale. For prices and sample address David Badger, Eureka, Kan.

**ALFALFA SEED**—Upland non-irrigated alfalfa seed, free from weed seed, \$8.00 per bu. Sacks 25 cts. G. A. Chapin, Belleville, Kan.

**WE ARE** always in the market for alfalfa seed. Submit samples when any to offer. Binding-Stevens Seed Co., Tulsa and Muskogee, Okla.

**ALFALFA SEED**—Offer No. one alfalfa seed \$9.00, No. 2 \$8.00 bu., delivered at station in state. Sack free. Sample sent on request. No. 2 seed will give good stand, fifteen pounds per acre. L. A. Jordan, Winona, Kan.

**KHARKOF** seed wheat. Raised on upland. Averaged from 30 to 40 bu. per acre. College inspected. Recleaned and graded. \$1.50 per bu. including new sack. F. O. B. Rock Island or Santa Fe. Car lots cleaned but not sacked at \$1.10. C. W. Taylor, Pearl, Kan.

## FOR SALE.

**43 VARIETIES**, poultry, ferrets, pigeons; special prices on young stock. Catalogue 3 cents. Missouri Squab Co., St. Louis.

**AUTO and gas engine oil**, 200 gallons, highest test oil from paraffine base crude. Saving prices. Box 388, Coffeyville, Kan.

**FOR SALE**—\$1,500 stock gen. mdse., small town east central Kansas, established trade; good discount; part time; investigate this opportunity. Address "Opportunity," care Mail and Breeze.

**2,500 GALLON** galvanized storage tank. \$25.00 f. o. b. Coffeyville. Good as new. 10 fifty gallon galvanized tanks, screw tops, good brass faucets. Only \$2.00 each f. o. b. Coffeyville. Box 386, Coffeyville, Kan.

## FOR SALE—AUTOMOBILES.

**AT A BARGAIN**—Five passenger fore door touring car in first class condition. Address R. Care Mail and Breeze.

## FARMS FOR SALE.

**FOR SALE** at a bargain, on easy terms—My 240 acre farm located about 5 miles from Weir City, Cherokee county, Kansas. All good, productive land, with good improvements. For price and terms, address Box 81, Independence, Iowa.

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

## FARM WANTED.

**WANTED**—320 acre relinquishment; must be good land and near railroad town. J. H. Bryan, Hutchinson, Kan.

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

**WANTED**—Large stock and grain farm, to manage on shares, or salary and share, by man of experience and large family force of help. Add. Lock Box 103, Carthage, Mo.

**FARMS WANTED.** We have direct buyers. Don't pay commission. Write describing property, naming lowest price. We help buyers locate desirable property free. American Investment Association, 28 Palace Bldg., Minneapolis, Minn.

## Editorial News Notes

See that new ad of the Midget Marvel Flour Mill on page 2. It is a new proposition, a real flour mill that will make 24 barrels of flour per day. It looks like a great thing. It will be on display at the Topeka State Fair, Sept. 9-13. Look for it. In the meantime send for catalog to The Anglo-American Mill Company, Dept. 202, Owensboro, Kentucky.

Mr. J. C. Turpin, the well known aviator who has been connected with Wright Bros. at Dayton, Ohio, for several years, has severed his connection with the Wright Bros. and has retired from aviation. He has accepted a position in the sales department of the Bartholomew Company, makers of Glide Automobiles and will assist in looking after the sale of Glide Cars in Central West territory. For catalog address The Bartholomew Company, 66 Glide St., Peoria, Ill.

**Spalding Deep Tilling Machine.** Gale Manufacturing Co., Albion, Mich. Gentlemen: I have received the Bulletin

## LANDS.

**HOMESTEADS**—Special information. Riverside Kolona, Harrison, Ark.

**40 ACRES** in Texas Co.; 4 miles to good town; well improved; \$25.00 acre. G. W. Tate, Mount Grove, Mo., Route 7.

**FORT COLLINS**—Has Colo. Agricultural college. Fine irr. farms, best water rights. Write to Rollin E. Adams, land agt.

**CHEAP IRRIGATED LAND**—120 and 280 a. tracts. Everybody send names of buyers, pay you com. Box 222, Lake Arthur, N. M.

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

**HERE'S A BARGAIN**—92 a., 45 in cultivation, fine water, young orchard. For price, terms and description write Box 52, Cove, Ark.

**A STAMP** will bring information in regard to free homestead relinquishment and deeded land where crops are assured. S. Devaney, Progresso, N. M.

**GOOD quarter** in Beaver county, Okla. \$1,600, \$500 cash, balance to suit. Will consider auto or other property up to \$500. A. L. Wright, Guymon, Okla.

**320 ACRES**, 200 plow land, finely improved, 12 miles north of Lawrence, Kan. \$47.50 per acre. \$8,000 will handle. F. S. Dolph, owner, McLouth, Kan.

**WILL SELL** all or part of choice 480 a. south part Gray Co., near new railroad. Improved. Terms. Address owner, Harper Fulton, Route 5, Ft. Scott, Kan.

**LAND** wanted for cash and mdse. Quick deals. Owners do business together when you deal with me. Send complete des. and price. Fred Wolf, Abilene, Kan.

**SECURE** cash for your property, no matter where located. Write for particulars giving full description. National Property Salesman Co., Box 1, Omaha, Neb.

**DO NOT** buy that farm in southeast Nebraska or anywhere else before you write or see the great land expert: John Schowalter, Cook, Neb.

**FOR SALE OR TRADE**—Seven and one-half acres, adjoining Kansas City. Good greenhouses, established business. Address A. Peachey, Merriam, Kan.

**WILL SACRIFICE** 320 acres choice land, improved, ready to put to wheat, three miles from county seat, Thomas county, Kan. A. A. Pedersen, Juniata, Neb.

**CAREY ACT** and deeded irrigated lands, \$40 an acre. Eight year payments, unlimited water. Fares refunded purchasers. Wyoming Development Co., Cheyenne, Wyo.

**ALFALFA** lands for sale; 700-acre alfalfa farm, four miles Shreveport; will be sold to make divested property great bargain for alfalfa and corn raiser or investor. Write at once. W. A. Jones, Shreveport, La.

**N. 1/4 OF SEC. 11-12-13**, Ellis Co., Kan. All bluestem. \$30 per acre, or trade for auto, city property, property, truck and car. balance on land at 7 per cent. Will sell 80, 160 or all. Owner, 1140 Garfield Ave., Topeka, Kan. Phone 1606 W.

**40 ACRE** poultry farm for sale 5 miles of good market, near church and school in Saline Co. Land lays well and nicely improved. Some poultry property great bargain. \$2,500; one-half cash will handle it. Add. Owner, care Mail and Breeze.

**INVEST** in fruit land in great and fertile Arkansas Valley, Colorado, 20 miles east of Pueblo. Tracts 10 acres and up. Railway facilities, power and telephone at door. Good terms. Don't fail to investigate. Come and see or write owner, H. F. Sutton, Pueblo, Colorado.

**OKLAHOMA**, Arkansas and Louisiana. We own 15,000 acres in Oklahoma, 10,000 acres in Arkansas near Hot Springs, 4,000 acres rich Red River bottom lands near Shreveport, La. All for sale in 40 acres and up, easy terms and small cash payments down. We are owners, not agents. Allen & Hart, 308 Commerce Bldg., Kansas City, Mo.

**OREGON** and southern Washington. Write before investing or coming west, so you can learn the facts about the Oregon country, its attractive climate and its agricultural and other opportunities. Official information, gathered and vouched for by over 150 commercial organizations and by Oregon State Immigration Commissioner, will be sent free on request. All inquiries answered in painstaking detail. For full information write to Room 637, Portland Commercial Club, Portland, Ore.

sent me, and am much obliged to you. I think deep tilling is a good thing and I know of no better machine to do it with than the Spalding Deep Tilling Machine. We plowed 15 acres of sod and willow land with the Spalding Machine, adjoining 85 acres on a little lower ground right next to it plowed with the mouldboard. The yield from the 15 acres was 50 bushels per acre of corn, whereas the yield from the shallow plowed was 35 per acre. I hope this will be as satisfactory to you as it was to me. George E. Craig, Malvern, Iowa, March 26, 1912.

## Bethany College, Lindsborg, Kansas.

The Misses Cora and Ollie DeBoard who were graduated from the Conservatory last June, have accepted positions with the Central Conservatory of St. Joseph, Mo. Miss Cora will teach piano, and Miss Ollie violin and piano. Dr. Oscar Staaf, a graduate of the College Department, has been appointed Associate Professor of Romance Languages at Western Reserve University. Dr. Walter Petersen has recently returned from Chicago University where he has been doing research work during the

## LANDS.

**TO TRADE**—For good property, land or livestock. 160 acres Reeves county, Texas. Price \$1,600. Also fore door touring car, nearly new, \$700. O. E. Brown, Kingsdown, Kan.

**GET YOUR** Canadian home from the Canadian Pacific. Why farm on high-priced, worn out lands! Go to the rich virgin soil of Western Canada. Finest irrigated or non-irrigated lands from \$10 to \$30 an acre. Write for booklets on Manitoba, Saskatchewan and Alberta, G. M. Thornton, Colonization Commissioner, Canadian Pacific Railway, 112 West Adams street, Chicago.

## DOGS.

**BULL PUPS**—Also choice coach pups. D. H. Bibens, Garfield, Kan.

**SCOTCH COLLIE** puppies. Western Home Kennels, St. John, Kan.

**THOROUGHbred** Scotch collie pups for sale. W. H. Smee, Zurich, Kan.

**PEDIGREED** collie puppies. Males \$6.00. Females \$4.00. S. C. Gardner, La Harpe, Kan.

**FOR SALE**—Collie pups, eligible to registry; from fine stock. Belden Bros., Hartland, Kan.

## WANTED.

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

**WANTED** to trade, stock in brick factory for second hand auto, 2 or 6-passenger. Address Fred Mellor, Liberal, Mo.

**WANTED TO BUY**—Walnut logs and good walnut stumps. Prices range from \$20.00 to \$75.00 per thousand feet. Write me what you have to offer. W. A. Schwartz, Louisville, Kan.

**WANTED**—Reliable party to erect elevator in town of 1,200 having only one elevator. Immense corn crop to put on market this fall. For further information address Mayor of Coweta, Okla., Wagoner Co.

## MALE HELP WANTED.

**GOVERNMENT** wants help. Write for list of positions open. Franklin Institute, Dept. E 55, Rochester, N. Y.

**GOVERNMENT** farmers wanted. \$60 monthly. Free living quarters. Write today. Ozment, 38 E. St. Louis.

**WANTED**—Immediately, men and women for government positions. Fall examinations everywhere. Prepare now. Trial examination free. Write Ozment, 38, St. Louis.

**WANTED**—Thirty young men to learn telegraphy and accept position in station service on the Union Pacific Railroad. Address R. H. Pentz, Supervisor, Kansas City, Mo.

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

**FREE ILLUSTRATED BOOK** tells about over 360,000 protected positions in U. S. service. More than 40,000 vacancies every year. There is a big chance here for you, sure and generous pay, lifetime employment. Easy to get. Just ask for booklet A 68. No obligation. Earl Hopkins, Washington, D. C.

**WANTED**; men and women; for government positions. \$30.00 month. Annual vacations. Short hours. No "layoffs." Common education sufficient. Over 12,000 appointments coming. Influence unnecessary. Farmers eligible. Send postal immediately for free list of positions open. Franklin Institute, Dept. E 55, Rochester, N. Y.

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

summer. Mr. Gustaf Freden, who will this year have charge of the boys' classes in Physical Culture, is thoroughly prepared to teach the Lings System of Swedish Gymnastics. During the past five years he has been a member of the Stockholm Y. M. C. A.'s Gymnastic Society. This society is composed of thirty-two members and is considered the foremost one of its kind in Sweden. Mr. Freden expects to arrive some time during this month. Mr. Lawson Lowrey of the College Department, has been appointed Professor of Anatomy at Harvard University for the coming year.

## Put Your Hay in Marketable Form.

Even the hay brings low prices in your home market—don't forget that there are many places in the country where the hay crop has been a failure. As a result, there is still a keen demand for hay in the big commercial centers. Of course, you can't ship loose hay to distant markets. You've got to bale it to put it in marketable form. There is an established market price for baled hay, all over the world. If there's a good deal of hay in your district this year, why not get a hay-baling

## MALE HELP WANTED.

**WANTED**—Colonists, working people to join the co-operative system. Address H. E. Sawdon, St. Elmo, Tenn.

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

## FEMALE HELP WANTED.

**MEN AND WOMEN** wanted for government jobs. \$30.00 month. Write for list of positions open. Franklin Institute, Dept. E 55, Rochester, N. Y.

**WOMEN AND GIRLS** wanted to sell our up-to-date line of beautiful Post Cards; very latest styles; enormous demand; our agents make \$2 to \$6 a day in spare time. No talking or peddling necessary; our special copyrighted selling plan and a big package of beautiful samples for only 2 cts. to pay mailing expense if you mean business. Butler Post Card Co., 65 Capital Block, Topeka.

## AGENTS WANTED.

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

**WANTED**—Live real estate agents in good Kansas towns to represent us in the sale of irrigated fruit lands in Grand Valley & References required. Grand Valley Fruit & Water Co., Equitable Bldg., Denver, Colo.

**WANTED**—Five general agents in the state of Oklahoma. Mail application giving detailed information concerning past record with one bank reference. Circulation Department, Farmers Mail and Breeze, Topeka, Kansas.

## SALESMEN WANTED.

**SALESMAN** wishing to earn three to five dollars per day, write for terms. First National Nurseries, Rochester, N. Y.

## PATENTS.

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

**PATENTS THAT PAY.** \$492,530 made by clients. 2 books—"What and How to Invent"—Proof of Fortunes in Patents" and 112-p. Guide free! E. E. Vrooman, Pat. Atty., 885 F St., Wash., D. C.

## MISCELLANEOUS.

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

**COOPER AND HOPPER**, honey producers. Extract honey in 60 pound cans two in a case \$10.00. Cooper & Hopper, La Junta, Colo.

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**WE DO ALL KINDS** of auto repairing. Cylinders and crank cases welded, radiators repaired. Dealers in second hand cars. Standard Supply & Mfg. Co., Hutchinson, Kan.

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**QUILT TOPS**—Mexican cucumber, pieced of yellow, green and white; Kansas sunflower, pieced of brown, yellow, green and white; size 6x7 ft.; by mail each \$1.75; both \$3. Mrs. Addie Lyle, Texhoma, Okla.

**SEND TODAY** 25c for trial bottle (prepaid) Magic Maple Flavor. Flavors two gallons delicious syrup. Made from granulated sugar. If unsatisfactory money refunded. Agents wanted. Western Maple Syrup Co., Los Angeles, Calif.

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outfit? Hundreds of farmers are thus making big money. They not only bale their own hay, but do jobs for every farmer for miles around. With the invention of gas-driven, all-steel Hay Presses the business has become much more profitable and pleasant. And it always did pay well, even in the days of horse-driven, wood-frame presses. One of the handiest, fastest-working outfits we have ever known is the new Sandwich All-Steel Motor Press. It's a solid steel press, with a fine, hopper cooled gas engine mounted on same platform. A man can make a bale a minute with it—good, clean bales. Cheap gas power does the work. There's no lining up or setting up the engine when the outfit is moved. It is always ready for business. We are glad to know that many of our readers are investing in Sandwich All-Steel Motor Presses, for we have seldom seen a machine that has as big money-making possibilities as this. Write for catalog to Sandwich Manufacturing Company, 157 Main street, Sandwich, Ill.

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## WHAT BREEDERS ARE DOING

FRANK HOWARD,  
Manager Livestock Department.

### FIELDMEN:

A. E. Hunter, Kansas and Oklahoma, 410 East Williams street, Wichita, Kan.  
J. W. Johnson, Beloit, Kan., Kansas and Nebraska.  
C. H. Walker, Kansas, Missouri and Nebraska, 1015 Central, Kansas City, Mo.  
Geo. W. Berry, E. Kansas and southern Missouri, Capper Bldg., Topeka, Kan.  
Grant Gaines, Iowa, 334 Chamber of Commerce Bldg., Omaha, Neb.  
G. E. Hall, Nebraska, 334 Chamber of Commerce Bldg., Omaha, Neb.  
H. W. Graham, Iowa and Illinois, Chillicothe, Mo.  
E. R. Dorsey, Girard, Kan.

### PUREBRED STOCK SALES.

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

### Percheron Horses.

Sept. 3—D. M. Barker, Sterling, Kan.  
Oct. 25—T. H. Well, Blairstown, Ia.

### Berkshire Hogs.

Aug. 27—J. T. Bayer & Sons, Yates Center, Kan.

### Poland China Hogs.

Sept. 3—S. P. Chiles, Jefferson, Kan.  
Sept. 10—A. B. Campbell, Geary, Okla.  
Sept. 26—J. H. Brown, Okaloosa, Kan.  
Oct. 8—J. D. Spangler, Sharon, Kan.  
Oct. 8—T. J. Meisner, Sabetha, Kan.  
Oct. 9—Herman Groninger & Sons, Bendena, Kan.  
Oct. 11—Thos. Murphy & Sons, Corbin, Kan.  
Oct. 15—H. C. Graner, Lancaster, Kan.  
Oct. 16—H. B. Walter, Effingham, Kan.  
Oct. 16—Harry Wales, Peculiar, Mo.  
Oct. 17—H. C. Lookabaugh, Watonga, Okla.  
Oct. 18—W. E. Long, Meriden, Kan.  
Oct. 19—Thos. F. Walker & Son, Alexandria, Neb.  
Oct. 19—C. L. Branle, Hiawatha, Kan.  
Oct. 22—Jno. W. Noll, Winchester, Kan.  
Oct. 24—L. E. Klein, Zeandale, Kan.  
Oct. 24—J. R. Mingle, Anthony, Kan.  
Oct. 25—J. J. Hartman, Elmo, Kan.  
Oct. 26—R. B. Davis, Hiawatha, Kan.  
Nov. 1—Walter Hildwein, Fairview, Kan.  
Nov. 1—J. E. Willis, Prairie View, Kan.  
Nov. 1—Dr. Jno. Gildow & Sons, Jamesport, Mo.  
Nov. 2—E. J. Manderscheid, St. John, Kan.  
Nov. 2—J. H. Hamilton & Son, Guide Rock, Neb.  
Nov. 9—A. C. Lobough, Washington, Kan.  
Nov. 9—Lomax & Starratt, Leona, Kan.  
Nov. 13—Herman Groninger & Sons, Bendena, Kan.  
Nov. 15—W. M. Watt & Sons, Green City, Mo.  
Dec. 11—H. C. Graner, Lancaster, Kan.  
Jan. 30—C. W. Jones, Solomon, Kan.  
Feb. 5—J. L. Griffiths, Riley, Kan.  
Feb. 15—L. E. Holmes, Bloomington, Neb.  
Feb. 15—Thos. F. Walker & Son, Alexandria, Neb.  
Feb. 18—J. H. Harter, Westmoreland, Kan.  
Feb. 22—C. C. Ingram, Bloomington, Neb.  
Feb. 26—W. E. Epley, Diller, Neb.

### Duroc-Jersey Hogs.

Aug. 26—G. V. Bush, Marshall, Mo.  
Aug. 31—J. R. Blackshere, Elmdale, Kan.  
Sept. 4—Clasen Bros., Union City, Okla.  
Sept. 4—W. R. Huston, Americus, Kan.  
Oct. 17—Moser & Fitzwater, Goff, Kan.  
Oct. 19—H. B. Miner, Rock, Neb.  
Oct. 22—P. H. Pagett, Beloit, Kan.  
Oct. 26—E. M. Myers, Burr Oak, Kan.  
Oct. 29—W. W. Bales & Sons, Manhattan, Kan.  
Oct. 30—Thompson Bros., Garrison, Kan.  
Oct. 31—Philip Albrecht & Son, Athol, Kan.  
Nov. 12—Lant Bros., Dennis, Kan.  
Nov. 13—Sam'l Drybread, Elk City, Kan.  
Nov. 14—W. P. Otey & Sons, Winfield, Kan.  
Nov. 15—F. P. Sylvester, Hennessey, Okla.  
Jan. 8—Munsell & Isenberg, Herington, Kan.  
Jan. 15—H. B. Miner, Guide Rock, Neb.  
Jan. 16—F. C. Crocker, Filley, Neb.  
Jan. 22—Thompson Bros., Garrison, Kan.  
Jan. 25—Glenn Keesacker, Washington, Kan.  
Jan. 29—W. E. Monasmith, Formoso, Kan.  
Jan. 31—W. H. Seddon, Persia, Ia.  
Feb. 4—J. O. Hunt, Marysville, Kan.  
Feb. 5—Samuelson Bros., Cleburne, Kan.  
Feb. 6—Samuelson Bros., Blaine, Kan.  
Feb. 7—A. T. Cross, Guide Rock, Neb.  
Feb. 8—Geo. E. Garrett, Bloomington, Neb.  
Feb. 11—H. H. Shaw, Hebron, Neb.  
Feb. 20—Geo. W. Schwab, Clay Center, Neb.  
Feb. 21—W. C. Whitney, Agla, Kan.  
Feb. 22—Geo. P. Philippi, Lebanon, Kan., at Esbon, Kan.

### O. I. C. Swine.

Oct. 24—R. W. Gage, Garnett, Kan.  
Feb. 6—H. L. Bode, Friend, Neb.  
Feb. 7—Chas. H. Murray, Friend, Neb.

### Hampshire Hogs.

Nov. 14—D. H. De Kalb, De Kalb, Ia.

### Shorthorns.

Aug. 27—J. T. Bayer & Sons, Yates Center, Kan.  
Sept. 3—D. M. Barker, Sterling, Kan.  
Oct. 11—Thos. Murphy & Sons, Corbin, Kan.  
Oct. 16—H. C. Lookabaugh, Watonga, Okla.  
Nov. 15—W. M. Watt & Sons, Green City, Mo.

### Aberdeen Angus.

Oct. 23—W. F. Eckles, Green City, Mo.

### Holstein Cattle.

Sept. 18—S. E. Ross, Creston, Ia.

### Kansas and Oklahoma.

BY A. B. HUNTER.

### Foster's Red Polled Cattle.

C. E. Foster, Eldorado, Kan., with this issue renews his cattle ad in Farmers Mail and Breeze. This makes five whole years

to the writer's knowledge that Mr. Foster has carried an ad with this paper. While it has only been a small ad Mr. Foster has succeeded in disposing of his surplus Red Polled cattle. His moderate prices and fair dealing have done much to establish him with a regular demand for his cattle. If you can use any Red Polled don't wait but write your wants. You will find everything exactly as described by Mr. Foster. Please mention Farmers Mail and Breeze.

### Wilson's Stallion Importation.

Judge A. Latimer Wilson, Creston, Iowa, has just returned from Europe where he secured a large number of fine Percheron and Belgian stallions for September delivery. Judge Wilson is one of America's best judges of heavy horses and going to France early as he did this year, he secured choice individuals from a large territory of breeders that had not been picked over; it will be the best importation he has ever made. When his importation arrives, which will be about the first of September, he wishes all horsemen interested to visit his stables at Creston.

### Barber's Percheron Sale.

D. M. Barber is closing out his splendid little herd of Percherons. The sale will also include a fine large jack and eight head of purebred Shorthorns. This sale will be held in connection with a general farm sale. Mr. Barber is quitting the farm and everything goes without reserve, and regardless of price. Here will be a good place to be on Tuesday, September 3, if you can use a good Percheron stallion or mare. Before you lay this paper down please read the sale ad on another page. By reading this ad you will note that a large per cent of this Percheron offering are strong in the blood of the World's Fair champion Casino, and that several of them are themselves state fair winners. This sale will be held at farm adjoining town. Write today for catalog.

### Sylvester's Duroc-Jerseys.

F. P. Sylvester, Hennessey, Okla., is cutting out and shaping up about 50 head of high class purebred Duroc sows and gilts for his fall sale. This herd consists of foundation stock selected from the best herds in the land regardless of cost and the fact that Mr. Sylvester has been selected as the Oklahoma breeder to sell in the big four days' Kansas and Oklahoma sale circuit, including such breeders as J. J. Baker, Independence, Kan., Samuel Drybread, Elk City, Kan., and W. W. Otey & Sons, Winfield, Kan., finishing the circuit with Mr. Sylvester's Durocs, November 15, will give the people of Oklahoma and northern Texas a chance to buy the best in Duroc breeding stock. Keep your eye on this paper for further particulars regarding this great Duroc sale circuit.

### Royal Scion Farm Durocs.

Royal Scion Farm, Winfield, Kan., can spare a few choice sows and gilts safe in pig to the great breeding boar Graduate Col. 28279A due to farrow in September. Also spring pigs out of this great sire. Among the sows and gilts offered are three gilts by Belle's High Notcher 95411, out of the great sow Crimson Duchess, three by Col. Scion 100471, out of Scion Maid. Another by Red Advance and one tried sow by Col. Scion, out of Scion Star, one by Crimson Scion, out of Ruby Scion. The spring pigs by Graduate Col. are out of such sows as Belle Vara, Helress Royal, Belle's Scion and sows out of Col. Scion sows, also a few pigs by Col. Scion out of such sows as Crimson Duchess. All bred stuff is strictly immune, everything in good growing condition and priced worth the price asked. Write today, describing what you want.

### Clasen Bros. Sell Durocs.

Clasen Bros., Union City, Okla., will sell at auction, September 4, 30 head of choice Duroc breeding stock consisting of bred sows and gilts. Sows with litters at side, open fall and spring gilts, just the kind breeders are looking for. This is one of the good herds. It will be remembered that Geo. M. Clasen, senior member of this firm, has developed and shown a number of prize winners. This herd is now under the joint management of Clasen Bros. and they will be out stronger than ever with the kind that win. Their sale offering for September 4 will consist of a fine lot of breeding animals and they are hoping to make this offering help advertise them to the buying public. A number of these sows and gilts are eligible to produce state fair champions. They are in pig to such sires as one of the good sons of Buddy K. IV, Gold Mine, by Grand Master Col. II and M. H.'s Col., by G. C.'s Col. This last sire is one of the best ever owned by Mr. Baker, Independence, Kan. Don't fail to attend this sale if at all convenient. Write today for catalog. Please mention Farmers Mail and Breeze.

### Alfalfa Glen Stock Farm Sale.

A few days ago the writer paid a visit to Alfalfa Glen and as usual found Mr. Campbell and the herdsman (Fred Groff) out among the hogs finishing the morning feeding. It is no small chore to feed this herd of 425 head. We first went the rounds of the boar pens, and will say we never before saw such an array of prize winning boars on any farm. Among them grand champion Mischievous Prince, grand champion Field Marshall, Transmitter, first in class, Perfection Meddler, first in class, and Reliance, a large type boar of great scale and substance, which Mr. Campbell will take out with his show herd this fall. Among the young boars were sons of the herd boars which do credit to their worthy sires. The sows and gilts of the show herd were of that matchless type and we thought, what of their dams? When we were shown through the breeding herd it was clear where the show herd came

# KANSAS STATE FAIR TOPEKA

SEPTEMBER 9-13. 5--DAYS--5  
\$50,000 in Premiums and Speed

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The Fair Built by the People—For the People  
In the Heart of Agricultural Kansas

The most complete Agricultural, Live Stock and Industrial Exposition  
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Competition in all Seventeen General Departments Open to the World

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The best in America  
for 1912

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Graduate American Auction School  
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What do you know about the Coach Horse?  
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**German Coach Horses**  
are the best general purpose horse for the farmer. They have size, beauty, action, endurance and intelligence and mature early. They stand gracefully both hardships of usage and climate. Many a farmer does not know what a great farm horse the coach horse really is. Let us tell you more about him and you will want him. We are offering young stallions and fillies, also mares in foal to the imported Oldenburg Coach Stallion Mephisto 421. Call on or write, J. C. Bergner & Sons, "Waldeck Ranch," Pratt, Kan.

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

**Belgian and Percheron Stallions and Mares**  
Imported and Home-Bred.  
For Sale at Attractive Prices.  
**Blue Valley Stock Farm**  
Blue Mound, Linn Co., Kan.

**RED POLLED CATTLE.**  
**Foster's Red Polls**  
Write for prices on breeding stock.  
C. E. FOSTER, R. R. 4, Eldorado, Kansas.

**RED POLLED BULLS**  
and heifers by Actor 7781 and Launfal 13221. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Pigs. Write or come.  
CHAS. MORRISON & SON, Phillipsburg, Kan.

from, and all of them bred by Mr. Campbell. In the breeding herd were dams of prize winning ancestry with show records of their own, among them sows by Mischief Maker, Mischief Prince, Oakwood Prince, Perfection B. L., Chief Perfection 2d, Cock Robin, Meddler 2d, King Darkness, and large type sows by Designer, Major Look, Spangler's Hadley, Hutch Jr., Columbia Expansion, etc., etc. In the sale offering are tried sows and gilts bred for September and October farrow bred to the great boars of this herd. These sows and gilts are just in good breeding condition and should be sought for by lovers of good hogs. The boars in the sale include many herd boar prospects as well as show quality. Among them are a collection by Reliance, the big type boar you will all have to take off your hats to. It will pay you to visit the farm sale day and inspect the breeding herd, and see the show herd where they were bred and raised. We say without hesitancy that this is the greatest herd in Oklahoma and one of the greatest in the United States. Write for catalog to A. B. Campbell, Geary, Okla. Sale September 10. Please mention Farmers Mail and Breeze.

**The Kind That Makes Good.**  
The kind that makes good and lives up to every requirement placed on a hog by either breeder or feeder is the kind of Duroc-Jerseys Marshall Bros., of Burden, Kan., are offering in this issue of Farmers Mail and Breeze. What Marshall Bros. have done in breeding Durocs is history with which every Duroc-Jersey breeder in this part of the country is familiar. While they have not taken the time to fit and show their hogs, some of the most coveted prizes hung up at Kansas and Oklahoma state fairs have been won by hogs of their breeding. To go back to the beginning when Marshall Bros. laid the foundation of this herd, they bought the best sows of the most popular blood lines that money and good judgment could procure. At the head of this magnificent collection of sows they placed Mo. Wonder, probably the largest boar that has ever been used in Southern Kansas or Oklahoma. The best gilts from this mating were retained in the herd and many of the best sows now in the herd are daughters of Old Mo. Wonder. There have been other noted sires used, notably Mc's Pride, K-B-B, Vernon Lad, King Wonder, and others, all contributing some good daughters to the breeding herd. Two things are aimed at in this herd—size and early maturity. To get these, one must look to hardiness, thriftiness, constitution and quality. Marshall Bros. are constructive breeders and those of us who have known the herd from its beginning, have noted improvement in each succeeding crop of pigs. The offering, now, is the best this firm has ever produced. See the advertisement in this issue and write today.

**Kansas and Nebraska.**  
BY J. W. JOHNSON.

Geo. Noel, Glasco, Kan., is a breeder of Poland Chinas at that place that is getting off right. He has been a good buyer and fortunate in getting his money's worth. He is half owner of a show boar that will be seen in leading shows this fall. He has what C. H. Pilcher states is one of the greatest show sows he knows of anywhere. We will likely have more to tell about this herd and the breeding later on.

In a fieldnote we gave W. W. Bales & Son, Manhattan, Kan., recently we said they had Tatarax spring pigs for sale which is a mistake. They have written me asking that this mistake be corrected. Geo. M. Hammond, formerly of Manhattan but now of Newton, Kan., owns Tatarax yet and likely has spring pigs sired by him for sale. W. W. Bales & Sons have a number of choice sows by Tatarax but their spring pigs they are offering for sale are by G. M. Col and Carl's Critic. They have a fine lot of spring boars by these great sires for sale.

Wm. H. Harper, Glasco, Kan., is a well to do farmer and stock breeder of that place that makes good as a livestock auctioneer. We had a nice visit with him again this week and we are placing his name and address in our auctioneer's column. We have been associated with him in a number of sales and have always found him a real live wire. He knows the value of all kinds of stock and has bought and sold and handled stock all his life. He makes a good appearance on the block and has the natural ability that it takes to make a successful auctioneer. He has the confidence of everyone who knows him and is deservedly very popular. He is 37 years of age and in his prime. If you hire him he can't help making you money on your sale. It is in him to boost and most he will. Let us in touch with him at once. His address will be found in our auctioneer section.

**New Blood—Herd Boars.**  
John T. Higgins, Abilene, Kansas, has over 100 Duroc youngsters. They are sired by the sensational sires of the breed and out of dams purchased at long prices in the East. Litters by the old hero, Crimson Wonder Again, Golden Model 11th and King the Col. (the sire of old "Col. Gano") are extra good. In fact he has a great bunch of boars and the finest lot of gilts seen in our run, he having purchased the spring tops from the herds of two well known Nebraska breeders and C. O. Anderson of Manhattan, Kansas. He will hold no fall sale. Best buyers please note. He has the material for the greatest sow sale in the West. We saw his two new herd boars. One by Good-Enough Model and out of a Crimson Wonder dam and one by Tippy Col out of a Cherry King dam. They are certainly great boars and if shown in the Junior class will raise some dust. Look up his ad and write Mr. Higgins.

**Help Advertise Kansas.**  
County exhibits at the Kansas state fair promise to be one of the most interesting features this year. The people consider that the best advertising of the rich farm land in any county is a good county collective agricultural exhibit. "Every county in Kansas should send to the Kansas state fair samples of their products," said Secretary H. L. Cook. "The importance is far reaching. Visitors to the

state fair are looking for these exhibits. Many a buyer of Kansas land chose the location from seeing a county exhibit at the state fair. To boost your county advertise it at the Kansas state fair at Topeka, September 9 to 13. Superintendent J. P. Lucas, of the apriary department, is planning an elaborate program in connection with the display of bees and honey. Lectures by the noted bee keepers and demonstrations in the handling of bees will be arranged for daily. This is one of the most interesting features of an apriary display and never fails to draw immense crowds to Agricultural hall."

**Kansas, Missouri and Iowa.**  
BY C. H. WALKER.

**W. R. Webb Makes Big Purchase.**  
W. R. Webb, of Bendena, Kan., who owns one of the finest and best improved farms in Doniphan county, recently purchased 210 acres directly across the road from his place. The price was \$165 per acre. Mr. Webb's present place comprises 168 acres and he has refused \$200 per acre for it. The addition of the 210 acres makes Mr. Webb's holdings one of the finest farms in the state. No better land lays out doors than that around Bendena. It is Mr. Webb's idea to stock both farms with big type Poland Chinas. Last year Mr. Webb had bad luck with his hogs and saved but a few spring pigs. He has 30 head of his good sows which he is holding for his own use and will be back into the business stronger than ever next year. Mr. Webb was a live wire in the business and all his many friends regret that he is even temporarily out of it. Mr. Webb says he has to get back into the hog business to pay for his new farm, but it is our personal idea that when he gets back he will buy more land. Besides the Polands, Mr. Webb has one of the best Jacks and one of the best Percheron stallions in the state and a fine, though small herd of Angus cattle.

**Graner's Herd Boars.**  
Although H. C. Graner, of Lancaster, Kan., unfortunately lost his great breeding boar, Guy's Monarch, he is also fortunate in having at this time two boars equally as good to take his place. These two boars are Long King's Best and Sampson Ex 2d. Long King's Best is the son of Long King that Mr. Graner and H. B. Walter bought in Iowa last year. This boar has developed into a great yearling and gives every promise of making a half ton hog. Sampson Ex 2d, the son of Sampson Chief that Mr. Graner bought of Mr. Walter recently is a great individual and is the type that should cross especially well with the get of Long King's Best. Mr. Graner is better fortified with herd boar material now than any time in his career as a breeder and therefore in a better position to supply his large trade with good stock. In his fall sales, October 15 and December 11, he will sell the get of these boars and sows bred to them. These sales should be attractive for that reason. The first sale will include a number of

**POLLED DURHAMS.**  
**HUDGINS' D. S. POLLED DURHAMS.**  
Herd headed by Miami Model 339881, a prize winning son of the great Confessor 284217. I have a choice lot of ready for service bulls for sale—all double standard. Watch for my fall sale.  
W. T. HUDGINS, MOORESVILLE, MO.

**Polled Durham Bulls**  
Six well bred young bulls and a limited number of cows and heifers for sale.  
C. M. HOWARD, HAMMOND, KANSAS.

**Woods Polled Durhams**  
Roan Hero Bulls and Heifers for Sale.  
Three bulls from 12 to 22 months old, a Minn, a Bravith Bud and a Necklace, two roans and a white of top quality and ready for service. Also a few choice yearling and two-year-old heifers. These will be priced right for quick sale. Come and see or write C. J. WOODS, CHILES, KANSAS.

**SHROPSHIRE RAMS**  
farmers' prices. Satisfaction guaranteed. DAN'L LEONARD & SONS, Corning, Iowa.

**H. S. DUNCAN,**  
Live Stock Auctioneer,  
Clearfield, Ia.  
ALSO INSTRUCTORS IN THE  
**MISSOURI AUCTION SCHOOL**  
Largest in the world and only school where students are given actual practice in sale of all kinds of property and have an opportunity to see the largest mule in the world.  
TERM OPENS Oct. 7 at 14th and Grand Ave., Kansas City.  
W. B. Carpenter, President, Real Estate and Live Stock Auctioneer

**40 Bred Duroc-Jersey Gilts 40**  
**We Will Sell At Private Treaty Forty**  
Large and growthy yearlings, richly bred.  
A few tried sows. They are the large, stretchy, broody kind and due to farrow soon.  
**TO SEE THEM IS TO WANT THEM**  
First come, first served. These hogs are priced to sell. If impossible to call and inspect herd write or phone for particulars.  
**MARSHALL BROS., Burden, Kansas.**

**SHORTHORNS.**  
**Milk and Beef Combination.** Hornless Shorthorn Cattle, Oxford Dows Sheep, Sourbeas Red Turkeys. J. M. WALKER, LATHROP, MO.

**JOHNSON'S Shorthorns** 50 HEAD including 6 good young bulls. Also young jacks. Farmers prices.  
T. F. JOHNSON, GARFIELD, KANSAS

**SHORTHORN CATTLE**  
POLAND CHINA SWINE and CLEVELAND BAY HORSES. All stock pedigreed. Prices reasonable.  
Thos. B. Murphy & Sons, Corbin, Ka.

**Valley View Shorthorn Cattle**  
25 cows and heifers bred to Orange Major 264704, 10 bulls of different ages sired by Major of Valley View 266325. Prices right. Breeding and individuals right. Address ADAM H. ANDREW, GIRARD, KANSAS.

**True Goods 337574**  
by Fair Goods, dam Rosie 11th by Standard Bearer, second dam Imp. Rosie 11th by Scottish Victor, heads my herd of carefully selected Scotch cows. Young stock for sale.  
T. J. BLAKE, HIAWATHA, KANSAS.

**SHORTHORNS**  
8 bulls from 12 to 18 months. Roans and reds. Scotch Tops.  
Address, L. M. NOFFSINGER, OSBORNE, KAN.

**Lookabaugh's Shorthorns**  
Violet Search by Searchlight at head of herd. Breeding stock, both sex. Prize winners and descendants of prize winners.  
Write your wants.  
**H. C. Lookabaugh,**  
WATONGA, OKLAHOMA

**HEREFORDS.**  
**MATHEWS' REGISTERED HEREFORDS**  
For sale. 8 long yearling bulls; 80 yearling heifers, also cows with calves by side—extra good cattle, strong in Anxiety 4th blood.  
FRED MATHEWS & SONS, Kinsley, Kan.

**BLUE GRASS Herefords**  
**STOCK FARM**  
Cows, heifers and young bulls for sale. 160 head in herd. Breeding matrons by Millant, Lamplighter, Shadland Dean 22d, Gentry Briton 8th, Hesiod 2d and Wilton Almo 6th. Visitors Welcome.  
W. T. WRIGHT, Route 8, Mt. Pleasant, Iowa.

**Klaus Bros.' Herefords!**  
We offer 16 head of strong, rugged bulls, herd header material, ready for service, sired by Fullfiller 25th and Beau Onward. See our show herd at the leading western fairs.  
KLAUS BROS., BENDENA, KANSAS.

**Modern Herefords**  
**ROBT. H. HAZLETT**  
Hazford Place  
Eldorado, Kansas

**ABERDEEN-ANGUS.**  
**RIDGE PRAIRIE ABERDEEN ANGUS.**  
Rutger Heatherson 3d 118104, a choicely bred Heatherbloom, in service. The best families represented. A few choice cows, bred, and open heifers for sale. Prices right, satisfaction guaranteed.  
W. G. DENTON, DENTON, KANSAS.

**Sutton Farm Angus**  
For sale, our entire crop of 1911 spring bulls, individually or in carloads; great, well grown, lustrous fellows, sired by the best of herd bulls. Bulls from this herd sire winning steers in Chicago, Denver, Fort Worth and Kansas City shows annually. Also 20 head imported and Canadian bred Shropshire sheep, and selections from a large and high class herd of Berkshire hogs.  
SUTTON FARMS, LAWRENCE, KANSAS.

Pioneer Breeders and Importers. Established 1858. Registered Yearlings and 2-year-olds from home bred and imported dams. 80 registered 4-year-old ewes, superior quality, satisfaction guaranteed.  
DAN'L LEONARD & SONS, Corning, Iowa.



## DAIRY CATTLE.

**HOLSTEINS** —CHOICE  
BULL CALVES.  
H. B. COWLES, TOPEKA, KANSAS.

**Dutch Belted and Holstein**  
male and female calves for sale from exceptionally good  
milkers. Springdale Stock Ranch, Concordia, Kan.

**LINSCOTT JERSEYS**

Only registered herd of merit in Kansas. A grand  
son of Golden Fern's Lad—bred for butter—and 20  
cows and heifers for sale at moderate prices.  
R. J. LINSCOTT, HOLTON, KANSAS

**Holstein-Friesian Bulls**

For sale—choice young bulls, sired by Pierterje  
Hengerveld Nannette, first prize bull 3 state fairs,  
1911, from producing cows. Exceptionally fine  
markings. W. C. Jones, Rural 2, Topeka, Kan.

**Jersey Cows and Heifers**

We have for sale 30 head of young cows and  
yearling heifers. Also a few young bulls.  
See our herd at either the Iowa, Kansas,  
Nebraska, or Missouri State Fairs.  
SMITH & ROBERTS, BEATRICE, NEBR.

**HOLSTEINS**

High grade cows and heifers in milk. 8  
yearling heifers just being bred. Bulls ready  
for service, full blood but not registered.  
STA. B, TOPEKA, KAN., IRA ROMIG.

**Choice Jersey Bulls**

I am offering a few young bulls, sons of  
Oxford's Masterpiece, a son of Oxford Lad;  
Oxford's Brigadier, a son of Gamboke  
Knight; Merry Maiden's Golden Lad, a son  
of Merry Maiden's 3d Son; and Eurybia's  
Exile. I have but a few of these calves  
that are ready for service. Will sell them  
reasonably while they last. Write for prices  
and particulars.  
W. N. BANKS, INDEPENDENCE, KANSAS.

## GALLOWAYS.

G. E. CLARK. W. W. DUNHAM.  
CAPITAL VIEW GALLOWAYS.  
12 Miles West of Topeka.

A choice lot of bulls 10 to 20 months old,  
by imported and American bred sires. They  
will please you. Address  
CAPITAL VIEW RANCH, Silver Lake, Kan.

**Fort Larned Herd**

40 REGISTERED BULLS. 20 GALLOWAYS and  
20 RED POLLS. 10 to 20 months old. Priced to sell.  
E. E. FRIZELL, LARNED, KANSAS

## HAMPSHIRE.

**Registered Hampshire Hogs** Either sex, all ages  
and priced to sell.  
W. C. STENZEL, ELMDALE, KANSAS

**Wittorff's Hampshires** Best blood lines,  
bred sows and gilts,  
spring pigs, pairs and trios unrelated. Descrip-  
tions guaranteed. F. C. Wittorff, Medora, Ks.

**Pure Bred Hampshires**

Inspect our herd or write for prices. Our motto is  
to please. ALVIN LONG, Lyons, Kansas.

**REGISTERED  
HAMPSHIRE HOGS**

of various ages not akin; two registered and one  
grade Dutch Belt bulls, also 1 spotted Arab stallion.  
C. W. WEISENBAUM, ALTAMONT, KAN.

**Try The White Belts**

Cloverdale Farm offers a  
number of extra nice Hamp-  
shire boars for sale.  
T. W. Lavelock, Princeton, Kas.



WRITE J. F. PRICE,  
Medora, Kans.  
For prices on Pedigreed  
HAMPSHIRE HOGS.  
S. C. B. Leghorn eggs.

## O. I. C. SWINE.

**O. I. C. Pigs** \$10.00 EACH. Harry  
Haynes, Meriden, Kan.

**EDGEWOOD O. I. C's** Choice spring boars and gilts,  
single or mated, also bred  
gilts. HENRY MURR, TONGANOXIE, KANS.

**HAVE YOUR IDEAS** about the O. I. C. hogs been  
correct? Send for my cir-  
cular telling all about it. R. W. Gage, Garnett, Kan.

**STAR HERD O. I. C's.**

Breeding stock of various ages, either sex.  
Best breeding r. sent in this herd.  
Write your wants.  
ANDREW KOSAR, GLASCO, KANSAS.

**O. I. C.**

Pigs and bred gilts  
for sale. Also boars  
ready for service.  
Prices right. F. C. GOOKIN, Russell, Kan.

**Burr Oak O. I. C. Hogs**

28 last September, October and November boars  
for sale. Best of backs, feet and lots of scale. Prices  
right. Charles H. Murray, Friend, Nebr.

**RIVERSIDE FARMS O. I. C's.**

BOONVILLE, MO.  
I have for sale 12 September gilts by  
O. K. Perfection and 6 tried sows bred  
for Sept. farrow; 6 winter boars; 13  
winter gilts, bred or open; one yearling  
boar by Mear's King and a choice lot of  
spring pigs of the best breeding. I have  
the easy feeding big kind. Write me  
your wants.  
JNO. H. NEEF, BOONVILLE, MISSOURI

ber of choice yearling and two-year-old  
sows sold open. Those who want good  
sows for winter sales should by all means  
find what they want in this offering. The  
December sale will be made up of spring  
pigs, the get of Kansas Victor, and the  
last crop by Guy's Monarch. Mr. Graner  
would sell Kansas Victor now. He is a  
two-year-old and a proven breeder. He is  
by Big Victor and out of the great sow,  
Guy's Best, by Guy's Price 2d. Write Mr.  
Graner per his advertisement in this and  
future issues and kindly mention the  
Mail and Breeze when writing.

## Klaus Bros.' Herefords.

To those who attend the fall fairs at  
Lincoln, Topeka, Hutchinson, Oklahoma City  
and the Royal we wish to call special at-  
tention to the Hereford show herd owned  
by Klaus Bros. of Bendena, Kan. There  
will be few herds out this year that show  
the improvement over 1911 that this herd  
will show. From Beau Onward on down  
the line to the junior calves the Klaus  
herd is in much better shape than last  
year. Beau Onward, the aged bull, looks  
better than at any time in his show yard  
career. He has developed into a massive,  
thicket bull of impressive carriage, well  
covered, and should make hot competition  
in his class. Beau Onward is the sort of  
a bull that puts more size, and at the  
same time more quality, into his calves  
than most bulls. Beau Onward 2d is grow-  
ing more like his sire every day. He will  
make a strong 2-year-old and will be sold  
after the show season, probably at the  
American Royal sale. Beau Onward 3d,  
the senior yearling, is topsey and will be  
a strong candidate. In the bull calf classes  
there are a number to select from sired  
by Beau Onward and Fulfiller 3d that  
will hold up their end with credit. The  
females are unusually good this year. Miss  
Filler 24th is better than last year. Miss  
Wilton 15th, the successful senior yearling  
of 1911, has a coking bull calf by Ful-  
filler 31st and for that reason is not quite  
up to form. She is a great cow, however,  
and will be shown at the later fairs. Miss  
Wilton 20th and 21st will make two topsey  
2-year-olds this year. Last year these two  
made a great pair in the yearling classes  
and Miss Wilton 21st had the edge. How-  
ever Miss Wilton 20th has developed into  
an extra smooth cow and will probably beat  
her stall mate. Miss Filler 37th looks  
mighty good as a junior yearling and Miss  
Onward 5th and 6th make a striking pair  
of senior calves. The junior calves, one  
by Beau Onward and one by Fulfiller 3d,  
look mighty good at this writing. Taking  
the herd as a whole the improvement is  
apparent all down the line. The Klaus  
boys deserve a great deal of credit for  
building up so strong a herd. The credit  
is all theirs, too, for the success they have  
made has been won by dint of hard work  
and a careful study of the breeding busi-  
ness. The show cattle were bred in the  
herd and sired by the bulls at the head  
of the herd. They are constructive breed-  
ers and the Kansas purebred industry  
shows few as successful and none more  
deserving than the Klaus boys. They have  
now on hand 15 or 16 bulls, big, rugged,  
well made fellows, ready for service that  
will be priced worth the money. They are  
of herd header quality and breeders in the  
market for good stock should get in touch  
with them. The Klaus boys extend a cor-  
dial invitation to inspect the herd at the  
fairs and at the farm, too. Geo. Bell, the  
efficient herdsman, or either John or Joe  
Klaus will gladly show the herd to all in-  
terested. If in the market for a good  
bull write them per advertisement else-  
where in this issue. Kindly mention the  
Mail and Breeze when writing.

## Kansas and Missouri

GEO. W. BERRY.

## Well Bred Jerseys.

Attention is directed to the advertisement  
of W. N. Banks, breeder of high class Jer-  
seys, Independence, Kan. Mr. Banks' Jer-  
seys are choice bred, representing such  
noted sires as Imported Oxford Brigadier  
and Flying Fox O'Dean. The young stock  
offered for sale is closely related to the  
celebrated sires Oxford Lad, Merry Maiden's  
3d Son, and Champion Flying Fox.

## Berkshires and Polled Durhams.

C. M. Albright, breeder of Berkshire  
hogs and Polled Durham cattle, Overbrook,  
Kans., will sell his herd bull "You Know",  
an outstanding individual and a good sire.  
This is a bull combining size with smooth  
lines and good fleshing qualities. He is  
the sire of a bunch of calves whose qual-  
ity evidence his great breeding value. Mr.  
Albright has a quality of extra last fall  
boars that are ready for service, and  
will sell them now at reasonable prices.  
These boars are choice individuals, have  
heavy bone, have been well grown and  
will make large, useful hogs.

## Well Bred Berkshires.

W. J. Grist of Ozawkie, Kan., offers at  
private treaty an exceptionally well bred  
lot of Berkshires. The most of these were  
sired by Robin Hood Premier 2d, a son of  
the noted Robin Hood Premier and out of  
Royal Empress 151st. Many of the sows in  
Mr. Grist's herd are English bred, being  
descended from the well known imported  
Baron Compton and belong to the imported  
Compton Empress family. Mr. Grist has,  
also, choice litters sired by Rival's Lord Pre-  
mier, the noted hog owned by Kinloch Farm  
of Kirksville, Mo. Parties wanting choice  
bred Berkshires that carry a large share of  
fresh English blood should write or call on  
W. J. Grist.

## Poland China Show Boar.

Messrs. Dietrich & Spaulding of Richmond,  
Kan., are the owners of some of the best  
big type Poland Chinas in the West. Their  
breeding herd includes such sows as First  
Choice, by Logan W. he by Meddler, a son  
of the Expansion bred Graniter, and out of  
Susie Logan, a sow bred by John Blaine.  
Her dam is Surprise B. Second dam Ex-  
pansion Lady; Expansive Lady, a half sister  
of First Choice and bred by H. B. Walter,  
of Effingham, Kan., sired by the great boar  
Expansive, and out of Surprise B, mentioned  
above; Outlook, sired by First Look, a son  
of the noted Grand Look; Kansas Ann, sired  
by Big Bone Mow; and Hutchess by Cap-  
tain Hutch, dam Maud Perfection 2d, by  
Graniter. The herd is headed by Gold Mine,  
a sire with few rivals and no superior in  
individual excellence. A choice young boar,  
sired by Gold Mine and out of Hutchess, is

# Percheron Horse Sale

## Sterling, Kansas

### Tuesday, September 3rd

**3 Stallions, 4 Mares, 1 Jack and  
8 Pure-bred Shorthorn Cattle**

One of these stallions is a state fair 1st prize winner, a ton son of  
the Champion Casino. He should be at the head of some good herd.  
Also a draft young stallion (coming yearling), a grandson of Casino,  
will sell together with Rigolot (37968), dam Biche (7590), who has  
weighed a ton and has stood in one locality for several years with in-  
creasing popularity as a sire.

**Mares All of Breeding Age**

One is a daughter of the great Casino. Was first prize winner at  
Kansas State Fair 1909. Another a granddaughter of Casino, a promis-  
ing show mare and ready to show this fall. Also the great brood mare  
Roselle, now safe in foal to Casino, one of the best breeding sons of  
Casino.

Every Horse furnished with certificate of registration in Percheron  
Society of America.

The Jack is a 15 hand, heavy boned, prompt server. The Short-  
horns are all eligible to registry. Sale at farm adjoining town. Write  
today for catalog. Address,

**D.M. Barber, Sterling, Kan.**

Auctioneers, Snyder, Potter and White.

# Alfalfa Glen Stock Farm Public Sale

## Geary, Okla., Tues. Sept. 10, 1912

**75—SEVENTY-FIVE HEAD HIGH CLASS POLAND CHINAS—75**

This is a choice offering of boars, gilts and sows not akin. 10 tried sows, 36  
bred gilts, 10 open gilts, 25 boars. The sows and gilts are sired by and bred to  
such boars as Mischief Prince, Transmitter, Field Marshall, Perfection Meddler,  
Hutch Jr., Spangler's Hadley, Reliance and other boars of note. We are offering  
3 Sept. boars of show yard quality. Among the spring boars are sons of Reliance,  
one of the greatest big type boars of the breed.

About 45 head are choicest medium type breeding, about 30 head select big  
type. In 1911 our show herd won 36 premiums and 4 diplomas at leading state  
fairs. This year our show herd is better than ever. Attend the sale and see the  
winners where they grow. Write for catalog.

**A. B. CAMPBELL, Geary, Okla.**

Cols. Allen, Groff and Oler, Auctioneers.

# Herd Established Over 25 Years Evergreen Crest Galloways

Over 1,300 acres devoted to purebred Galloways, sheep and horses. Flagstaff 29205  
and Sally's Othello 33696, both sired by Imp. champion bulls, in service. Five top year-  
ling bulls for sale. Inspection of herd invited. J. & W. R. Clelland, New Hampton, Mo.

## BERKSHIRES.

**Jewell County Berkshires** Fall gilts and yearling  
sows for sale, bred or  
open. C. W. ELYEA, JEWELL CITY, KANS.

**WAITE'S BERKSHIRES.**

Choice young Boars and Gilts,  
also tried sows. Most famous  
Robinson Blood. We guarantee  
satisfaction. Call or write  
LEON A. WAITE, WINFIELD, KAN.

**Berkshires That Make Good**

With size, bone and feeding qualities that please the  
farmers as well as ability to win in the show ring. Unde-  
feated young herd bred by exhibitor, three state fairs.

C. G. NASH, ESKRIDGE, KANSAS.

**BERKSHIRES, SHORT-  
HORNS and JERSEYS**

FOR SALE—25 boars by Robinson Premier 2nd  
or Rival's Lord Premier, and out of sows rep-  
resenting such sires as Imported Baron Compton,  
Berriton Duke and Premier Longfellow.  
Also a choice Shorthorn bull calf by Silk Goods  
and out of a show cow.

**W. J. GRIST, :: OZAWKIE, KANSAS**

## BERKSHIRES.

**BERKSHIRES and** 200 pound boars, a few  
sows, herd bull and young  
bulls. C. M. Albright,  
Overbrook, Kansas.

**Sutton Farm Berkshires**

We are offering selec-  
tions from 100 spring  
pigs, mostly sired  
by Judge Robin-  
hood, at very at-  
tractive prices.  
We are also  
booking orders  
now for some  
very nice gilts  
bred for early  
fall farrow. We  
will sell two tried  
sows bred for  
Sept. farrow.

**Sutton Farms,  
Lawrence Kansas.**

Berryton Duke Jr.

**MEADOW BROOK BERKSHIRES AT BURLINGTON, KANS.**

200 bred sows, all bred to Premier Longfellow, King's 2d Masterpiece, True Type,  
King's 4th Masterpiece, King's X Masterpiece (the greatest yearling we ever  
raised), Forrest Count, etc. One hundred open sows and twenty extra nice males.  
Two extra good herd boars for sale (every one deep in breeding and rich in blood).

E. D. KING, BURLINGTON, KANSAS.



## POLAND CHINAS.

**HOWARD R. AMES, POLANDS**  
 11 pigs from 15 sows. Boars and gilts for sale.  
 Write for prices. HOWARD R. AMES, MAPLE HILL, KAN.

**NORMAN BLUE 177691**  
 For sale. The greatest herd boar offer of the season. Let me  
 tell you about this boar quick. W. E. WILLEY, STEELE CITY, NEB.

**NEBRASKA'S POLAND CHINAS.** Spring  
 boars for sale but best gilts re-  
 served for February 15 sale.  
 L. E. HOLMES, BLOOMINGTON, NEB.

**MARCH and APRIL BOARS**  
 And a few fall boars for sale.  
 Big thrifty stock and big type breeding. Write  
 for prices. W. E. EPLEY, Diller, Nebr.

**POLAND CHINAS!**  
 Spring pigs either sex. Pairs and trios unrelated.  
 The tops of 200 head at prices to please.  
 E. J. MANDERSCHIED, ST. JOHN, KAN.

**MAPLE GROVE HERD**  
**Big Type Poland Chinas**  
 Herd headed by EXPANSION LOOK 61191.  
 Best of big breeding and individuality rep-  
 resented in my sow herd. Fall sale October 26.  
 R. B. DAVIS, HIAWATHA, KANSAS.

**Dietrich & Spaulding, Richmond, Kan.**  
**Big Type Poland Chinas**  
 Two extra fall boars and choice spring  
 pigs, sired by Gold Mine and Pan Look.

**Tabor Valley Polands**  
 12 fall gilts bred for August and September farrow.  
 Also 10 September boars for sale. Big, growthy  
 stock. Priced to sell quick.  
 L. E. KLEIN, Zeandale, Kansas.

**Ticer's Durocs** Am offering a  
 few good young  
 Valley B. and B.  
 & C's Col. boars, worth the money; also a few  
 bred sows. Will book orders for spring pigs.  
 C. L. TICER, HARRAH, OKLAHOMA.

**HILDWEIN'S BIG POLANDS**  
 Herd headed by a great son of Expansive. Spring  
 pigs by the leading big type sires of the day. Choice  
 stock for sale and satisfaction guaranteed. Big sale  
 Nov. 1. Walter Hildwein, Fairview, Kans.

**POLAND CHINAS - SHORTHORNS**  
 A few good sows bred for Sept. farrow, and 40 spring pigs—  
 good ones, either sex. Also choice cows, heifers and  
 serviceable bulls. S. B. Amcoats, Clay Center, Kansas.

**THE HOME OF CAPTAIN HUTCH.**  
 I am now booking orders for Spring Pigs, either sex, sired  
 by Captain Hutch, King Hadley 2d, Hutch Jr., Mow's  
 Longfellow Price, Panoramble and A Wonder out of Long  
 King's Equal sows and sows of the best big type breeding  
 and get first choice. Pigs shipped at three months old.  
 Nothing but first class stuff shipped. Send for private sale  
 catalog and prices. In buying at this age you save enormous  
 express charges. C. W. JONES, SOLOMON, KAN.

**Dean's Mastodon Polands**  
 Poland China hogs, the big-boned type, will weigh  
 when mature, 800 to 1,000 lbs. Bred sows all sold.  
 Will sell a few boars of serviceable age, also choice  
 fall pigs, either sex. All

**Immunized by Double Treatment**  
 Herd headed by Mastodon Price, Columbia Wonder  
 and Gritter's Longfellow 3d. Everything guaran-  
 teed and sold worth the money. Address  
 CLARENCE DEAN, WESTON, MISSOURI

**Long King's Best 61555**  
 BY LONG KING  
**Sampson Ex 2nd 63450**  
 BY SAMPSON CHIEF

Two big type boars that measure up to that stand-  
 ard in every particular. These are my herd boars. I  
 call special attention to my sires Oct. 15 and Dec.  
 11 when I will sell the best of these boars and sows  
 bred to them. Let me mail you a catalogue.  
 H. C. GRANER, LANCASTER, KANSAS.

**Mammoth Poland Chinas**

My herd boars weigh from 800 to 1,000  
 lbs. Am now ready to ship 200 of the big,  
 easy feeding, quick maturing kind. Tried  
 boars and sows, last fall boars and sows,  
 and spring pigs of both sexes. My terms  
 are: If you are not satisfied return the hog,  
 and I return your money.  
 F. P. ROBINSON, MARYVILLE, MISSOURI

**POLAND CHINAS**

40 SPRING BOARS  
 50 SPRING GILTS

Booking orders now for June delivery. 40  
 years' experience. Can furnish big, lusty  
 fellows. Can furnish spotted if desired.  
 Yours for hogs with stretch.  
 T. T. LANGFORD, Box M, JAMESPORT, MO.  
 Mention Mail and Breeze when writing.

**Poland Chinas**

Bred sows at private sale. Also fall and  
 spring boars. Sows bred to Tom Lipton,  
 Welcomer, Iron Clad 2d and others. Priced  
 right. Ask for prices and descriptions.  
 JOSEPH M. BAUER, ELMO, KANSAS.

**HERMAN GRONNIGER & SONS**  
 BENDENA, KANSAS.

We have been breeding Poland Chinas  
 for more than 30 years.  
 Over 200 head in herd. All popular big type blood  
 lines represented. Can supply the trade with boars  
 or gilts of any age. Oct. 9 we sell a great offering of  
 yearling sows, open. Nov. 13 a great line of early spring  
 pigs. Watch for these sales. Write us your wants.

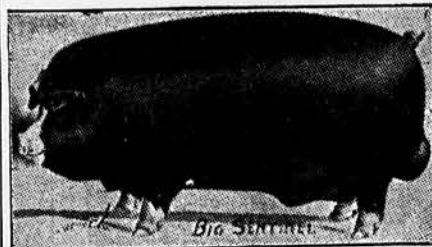
offered for sale. This young hog combines  
 great scale with quality and extreme finish.  
 He should be able to win in the best shows.  
 He is offered at a reasonable price.

## B. &amp; C's Col.

Samuel Drybread offers a lot of choice  
 Duroc-Jersey boars and gilts that will be  
 priced reasonably for immediate delivery.  
 A number of these were sired by B. & C's  
 Colonel, one of the greatest hogs of the  
 breed. Mr. Drybread reports the sale of  
 B. & C's Col. at a long price to Ewing and  
 Harrod of New Hampshire, Ohio. While it  
 is to be regretted that this great sire has  
 left Kansas, Mr. Drybread is to be con-  
 gratulated on having a large number of his  
 get remaining in his herd. The spring pigs  
 sired by B. & C's Col. number about 125  
 head and a number of the gilts will be re-  
 tained in the breeding herd.

## S. P. Chiles's Poland China Sale.

The attention of readers is directed to the  
 sale of Poland China hogs announced else-  
 where in this issue of Farmers Mail and  
 Breeze, by S. P. Chiles of Jefferson, Kan.  
 This sale is one of unusual importance to  
 all who are interested in the breeding of  
 Poland Chinas of the highest type of in-  
 dividual excellence. S. P. Chiles needs no  
 introduction to those who are conversant



with important events in Poland China his-  
 tory, and it only becomes necessary to recall  
 a few of his achievements as a breeder to  
 emphasize the importance of the opportunity  
 which will be offered to the breeders in  
 this sale which will occur on Tuesday, Sep-  
 tember 3. For nine years in succession Mr.  
 Chiles exhibited Poland Chinas at the Iowa  
 State Fair where he was always a winner  
 of first prizes and carried home no less  
 than six championship ribbons from the  
 greatest annual swine show in the world.  
 At the St. Louis World's Fair in 1904, where  
 the foremost breeders contested for the  
 highest honors of swine, S. P. Chiles won the  
 first prize, junior championship and grand  
 championship on Lady Louella, a sow which  
 he bred and owned. First prize and cham-  
 pionship ribbons have repeatedly been hand-  
 ed out at Iowa, Illinois and other state  
 fairs to Poland Chinas bred by S. P. Chiles.  
 For a number of years he has succeeded  
 in breeding his own herd boars, and it can  
 be truly said that when one can breed a  
 better sire than he can go out and buy  
 he has in fact achieved genuine success.  
 In regard to type, the offering that will  
 be presented by Mr. Chiles at his farm on  
 September 3, has not been surpassed, and,  
 it is safe to say, not equalled in recent  
 years, considering size and quality com-  
 bined. The under year boars and sows are  
 the heaviest for their ages that we have  
 seen of any breed for some time. With  
 their great size they have the quality and  
 finish necessary to win in the best shows.  
 They have heavy bone, neatness and style,  
 and are free from coarseness and ungainli-  
 ness. Among the show boars in the under  
 12 months class is Big Sentinel (illustrated),  
 a big type boar with extreme finish and  
 has bone to satisfy any "big boned" breed-  
 er. His litter brothers, Casino and Temper-  
 ance Boy, and their sister, Shinola, are cat-  
 alogued for sale. Good judges differ on the  
 choice of boars in this litter. The gilts  
 should win in any show. They represent a  
 litter of 10 pigs out of the great sow Louise  
 S. P. Another litter includes three show  
 boars, Hadley, Allen and Brilliant, also a  
 fancy show gilt, Winona. These are out of  
 Perfect Louise, a full sister of Louise S. P.  
 Another young show boar and litter brother of  
 the show gilt Zemo. There are four under 6  
 months gilts that should be winners. They  
 are out of Louise S. P., and are full sis-  
 ters of Big Sentinel and his mates. Their  
 dam is also the dam of the great show  
 boar B. L.'s Perfection, winner of first at  
 Iowa, Wisconsin and Minnesota, and sec-  
 ond at Illinois, 1909; and grand champion  
 boar at Iowa, 1910. The herd boar Sen-  
 tinel, a sire with few rivals and no superior,  
 goes in the sale. He is the sire of all the  
 under year stuff catalogued for the sale.  
 Comstock, a junior yearling show boar that  
 should win all along the state fair circuit,  
 will be sold. The offering comprises 45 head  
 including 15 boars and 30 sows and gilts.  
 Those who attend the sale will not be dis-  
 appointed in the individual excellence of the  
 Poland Chinas Mr. Chiles will offer. The  
 catalog will be mailed on application to  
 S. P. Chiles, Jefferson, Kan. Look for the  
 advertisement in this paper. Note the sale  
 will be held at Mr. Chiles's farm, located  
 on electric car line from Cherryvale, In-  
 dependence and Coffeyville, at Jefferson, Mont-  
 gomery county, Kansas.

## Bayer's Shorthorns and Berkshires.

The dispersion sale of Shorthorn cattle  
 and Berkshire hogs announced by J. T.  
 Bayer & Sons, of Yates Center, Kan., is at-  
 tracting wide attention and indications  
 point to one of the most important sales of  
 the year. Mr. Bayer's two sons, the junior  
 partners in the firm, will enter the regular  
 course at the State Agricultural college,  
 and he feels that it becomes necessary for  
 the present to discontinue the active busi-  
 ness of breeding Shorthorns and Berkshires,  
 much as he regrets to do so. Mr. Bayer  
 has devoted the better years of his life  
 building up and improving his stock, and  
 his cattle and hogs have been bred up to  
 the highest standards of individual excellence  
 and usefulness. The Shorthorn department com-  
 prises 30 head of choice cattle on August  
 27, for public appraisal. The head of the  
 herd is the pure Scotch bull, Ingleyline, No.  
 34374, sired by Imported Collynie. This  
 bull has the distinction of having won the  
 grand championship prize at the Yates Cen-  
 ter Breeders' association livestock show,  
 which numbered over 200 head of cattle,  
 being one of the three largest cattle shows  
 held in Kansas in 1911. The catalog in-  
 cludes 16 head of excellent cows; also five  
 head of yearling and 2-year-old heifers,  
 which were sired by Golden Knight. An

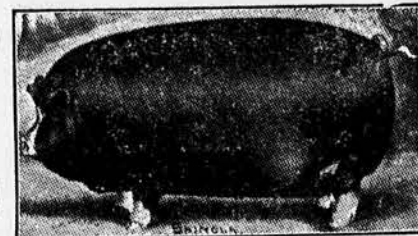
# S. P. Chiles' Sale

## High-Class POLAND CHINAS

At my farm at  
**Jefferson, Kansas**

**Tuesday,**  
**September 3, 1912**

Comprising  
**45 Choicely Bred**  
**Individuals**



**Combining Unusual Size, Rare Quality, and Extreme Finish**

Bred close up to the sires and dams that have produced the winners  
 at the Iowa and Illinois State Fairs and the St. Louis World Fair, the  
 largest and best Hog Shows.

9 Fall Boars, Possessing Wonderful Size, with the smoothness, sym-  
 metry and style that wins in the strongest show yard company.

8 Fall Gilts, Including Two Show Herds.

Also 12 Spring Gilts. Among them are Gilts under 12 months and  
 Gilts under 6 months that can win in any show ring.

**The Junior Yearling COMSTOCK, a Great Show**

**Boar, also the Superb Breeding Boar**

**SENTINEL, a Sire with Few Equals, Will Be Sold**

The under year show boars include 3 full brothers, Big Sentinel,  
 Casino and Temperance Boy; also their sister, Shinola, a gilt that can  
 win in any show; three other under year boars, Hadley, Allen and Brill-  
 iant, also their sister, Winona, a fancy show gilt; and another boar,  
 Edgewood, with his sister, Zemo, a great show prospect. All in the cat-  
 alogue, under one year old, are sired by Sentinel, the herd boar, and the  
 individual excellence of the offering stamps him a really great sire.

Write for the illustrated catalogue.

**S. P. Chiles, Jefferson, Kan.**

Mail orders can be sent to G. W. Berry, fieldman Farmers Mail and  
 Breeze. Auctioneers: Col. Correll and Col. Burger.

Location: The farm adjoins the interurban electric line from Cher-  
 ryvale, Independence and Coffeyville. Also station on Mo. Pac. Ry.

# DUROC-JERSEY SALE

Union City, Okla., Wednesday, Sept. 4th.

## Prize Winning Blood Lines

We offer 30 head of Choice Breeding Stock. Consisting of

5 Tried Sows with litters at side. 5 Sows for early farrow.

10 Open fall yearling gilts. 5 Choice spring gilts.

5 Spring Boars ready for service.

They represent the most fashionable blood lines and are most all  
 sired by, or bred to State Fair champions. Breeders and farmers alike  
 invited. Write today for catalog. Address,

**CLASEN BROTHERS,**  
 UNION CITY, OKLAHOMA.

## Prairie Springs Big Type Poland Chinas.

O. K. Lad 58098, the 1,000-pound son of Pawnee Lad, and Exalter's Wonder in service  
 Choice stock by the leading big-type sires for sale. Fall sale October 19. Come or write,  
 C. L. BRANIC, HIAWATHA, KANSAS.

## EXPANSIVE FALL BOARS FOR SALE!

I still have a few extra choice fall boars by Expansive, August and September, 1911,  
 farrow, weighing 300 pounds and better. These are extra good in every respect and are  
 the last sired by this great boar. To see them is to buy. I guarantee satisfaction. Write  
 or call.  
 H. B. WALTER, EFFINGHAM, KANSAS

**Gildow's Mammoth Poland Chinas** Herd headed by the 1060 lb. grand  
 champion, Pawnee Chief Hadley and  
 Big Bill Taft. For sale 80 spring boars and gilts by the above named and other big type sires and several  
 big stretchy spotted pigs by Big King and Brandywine Jr. All out of prolific big type sows. Also two  
 herd boars and 25 fall gilts bred or open. If you want the big, smooth kind write us. Watch for our show  
 herd.  
 DR. JNO. GILDOW & SONS, JAMESPORT, MISSOURI

## PFANDER'S KING 60262

by Long King, heads my herd of strictly big type sows including daughters of A  
 Wonder, Long King, Columbia Chief, King Mastodon, etc. Only the best for sale.  
 Fall sale October 22.  
 JOHN W. NOLL, WINCHESTER, KANSAS.

## ETTERVILLE BREEDING FARM

Devoted to the raising of the old original Big Boned Spotted Poland Chinas. Spring pigs from five of the largest  
 spotted boars on earth. Pairs or trios not akin. Hogs shipped anywhere on earth. They will please and  
 are priced right.  
 EDGAR DOOLEY, Owner, ETTERVILLE, MO.



attractive feature of the Shorthorn offering will be the fine bunch of calves. These are large, thrifty ones, and are in the very best condition. The quality of these calves will evidence the great breeding value of the Shorthorns which will be presented in this sale. The Berkshires that will be sold by Bayer & Sons on August 27 consist of about 75 head of pedigreed animals. There are 40 head of strictly high class sows whose equals have seldom been put in any sale of Berkshires. They represent such noted sires as Lee's Masterpiece, a great sire; Field Marshall, a well known show boar; B. D.'s Centerpiece, a son of Baron Duke 50, and a grandson of Masterpiece; and Second Masterpiece, the present herd boar. Many of the sows that go in this sale possess outstanding individual merit and many of them are strictly high class show sows. The greater part of them will have pigs or are bred to Second Masterpiece, a sire with very few equals and no superior among Berkshires sires of today. Second Masterpiece goes in the sale. He is only 3 years of age and is in the prime of usefulness. He has already an established national reputation as a sire. He should go to head one of the best herds of the breed and his future owner will be deserving of many congratulations. The younger portion of the Berkshires includes many boars and gilts that are strictly high class show stock. This includes a number of fall boars and gilts by Second Masterpiece and from the best dams. Among these are a number of fall boars from the good sow Nosegay. They should be able to win in any show and will make herd headers. Among the choice sows should be mentioned, Lady Bernice Third, by Lee Star; Lady Ezitt Fourth, out of Imported Lady Ezitt and sired by the \$1,000 Baron Duke 92d; Nosegay, a great brood sow mentioned above; and Ideal Bernice 2d, a big typical show sow, the winner of three championship prizes. Catalogs will be mailed upon application to J. T. Bayer, Yates Center, Kan. Mail bids may be sent to Geo. W. Berry in my care.

### Iowa

#### GRANT GAINES.

A. Latimer Wilson, of Creston, Iowa, writes his importation of Belgian and Percheron stallions will land at his barns September 3rd. Mr. Wilson selected these horses personally and says he has five show horses in the load. Write Mr. Wilson at Creston, Iowa.

#### Ross's Holstein Sale.

In the sale of Holstein cattle to be held by S. E. Ross on his farm south of Creston, Iowa, September 18, will be some as good cattle as the breed affords. The bull offering is not large but it makes up in quality what it lacks in numbers. There will be but six bulls sold. They range in age from 4 years down to a calf 2 months old. The 4-year-old bull, Union Gerben Duke, is an extra large bull with character that stamps him one of great prepotency. He is sired by Union Gerben DeKol Duke and his dam is Princess Gerben Josephine, a cow with a 1911 butter fat record of 634 pounds. This bull is bred right and is of almost inestimable value to a good dairy herd. Mr. Ross is selling an August calf out of Princess Gerben Josephine, sired by Buffalo Aaron Johanna. This is a beautifully marked calf and should make a valuable sire. Another bull is Sir Pauline Gerben Fobes and dam Maud Green 2nd. Pauline is a great bull and worthy a good home. Buffalo Aaron Gerben is a sire of good stuff as his young calf out of Princess Gerben Josephine will prove. The bull offering is right and if readers of this paper want a bull to breed up their herd and increase the milk and butter product they cannot go wrong here. In cows the buyer will find some extra good heavy producers. Nearly all of them are bred to freshen this fall and early winter. Daughters and granddaughters of the great cow Princess Gerben Josephine will be offered. There will be nine heifers sold and all old enough will be bred. In addition to the registered animals sold there will be some extra heavy producers that are practically purebred. We ask our readers to write for a catalog of this sale and arrange to attend. How many cows do you know that give 8,000 pounds of milk a year? Here is the place to get seed stock that will produce that kind. Write today for a catalog.

#### Hereford Cattle for Sale.

The Bluegrass Stock Farm at Mt. Pleasant, Iowa, W. T. Wright, proprietor, is announcing in this issue some very choice Hereford cattle for sale. Among them are some 20 head of yearling and 2-year-olds that are good lookers and at the price will be worth going after. Mr. Wright says he will spare a few of his breeding stock several young bulls. His herd numbers over 160 head and he wishes to reduce the herd before winter comes on. The breeding of the dams in the

herd is from such sires as Militant 71755, Earl of Shadeland 22d, Nero 69223, Lamp-lighter, Grove Cherry Boy, Earl of Shadeland 63rd, Gentry Britton 6th; Hesiod 2d and Wilton Almo 6th 86769. The sires at the head of this herd are Preemptor 144608, a 2650 pound bull, Preeminence 267357, that weighed 2030 pounds as a three-year-old; these two bulls are assisted by Preemptor 21st, a fine young bull of Mr. Wright's own breeding. Mr. Wright has been in the Hereford breeding business for over 16 years and his cattle have given satisfaction wherever sent. His herd at the late Henry county, (Iowa) fair won championship in young herd and for get-of-sire, all breeds showing, with Prof. W. J. Kennedy, from the Iowa State college, as Judge.

#### DUROC-JERSEYS.

**WALNUT GROVE FARM.**  
Boars and gilts, sired by B. & C's Col. and R. C's Buddy. Also spring pigs.  
**R. C. WATSON, ALTOONA, KANSAS.**

**CRIMSON WONDER AGAIN BOARS.**  
1 yearling dam by W. L. A's Choice Goods, a herd header and show prospect. Several early fall boars, 3 full brothers to Crimson Wonder 3d. Booking orders for pigs by C. W. A. and other boars.  
**L. R. VAN NICE, RUSSELL, IOWA.**

**BEAVER VALLEY HERD DUROCS.**  
Boars and gilts, sired by Grand Master Col. II 94903 (Grand Champion and sire of winners at Oklahoma State Fair, 1911), Defender's Col. 112297, Autocrat 94765 and Muncie Col. 113779. Satisfaction guaranteed.  
**W. A. WILLIAMS, MARLOW, OKLAHOMA.**

**HEBRON FARM DUROCS**  
30 Sows and Gilts bred for Aug. and Sept. Farrow. Also March and April Boars.  
**H. H. SHAW, Hebron, Nebraska.**

**SALINE VALLEY STOCK FARM**  
Am offering 50 big smooth March and April pigs for sale at prices that ought to sound good; 2 big winter boars ready for service. Write me your wants.  
**J. LEE DUNN, Russell, Kansas.**

**Deep Creek Herd Durocs**  
Choice spring boars now ready to ship, also gilts bred for September and October. Best of breeding. Write your wants.  
**C. O. ANDERSON, MANHATTAN, KANSAS**

**BUDDY K IV, and B. & C's COL.**  
Boars and Gilts by these great sires and sows and gilts bred to B. & C's Col. For sale at reasonable prices. For full particulars write  
**J. J. BAKER, INDEPENDENCE, KANSAS.**

#### DUROC-JERSEYS.

**LITTLE OAK DUROCS** Early spring boars for sale. Gilts reserved for February 22 bred sow sale.  
**Geo. P. PHILIPPI, Lebanon, Kan.**

**Fisher's Durocs** Herd boars, Graduate Col. 28279a, Crimson Prince 69527, Baby's Chief 104417, King's Col. F. 88055. These boars are among the best in the state, and sows in herd bred equally as good. Describe what you want, stating price you wish to pay.  
**H. E. FISHER, Danville, Harper Co., Kansas.**

#### DUROCS

Great crop of spring pigs. Tried sows for August and September farrow, bred to our great boar, Good E. Nutt Again King.  
**W. W. Otey & Sons, Winfield, Kan., "The Men With the Guarantee."**

**Crimson Wonder, Ohio Chief Blood Lines**  
Fall boars and March pigs for sale at a very reasonable price. **F. C. GARRETT & SON, Farm 2, BLOOMINGTON, NEBRASKA.**

**FASHIONABLE BRED DUROCS**  
Graduate Col. at head of herd. Gilts bred to him and spring pigs either sex by him.  
**Royal Scion Stock Farm, Winfield, Kan.**

**TAYLOR'S DUROCS** Booking orders now for choice spring pigs, over 100 head to select from, sired by Col. Wonder 112385 and Mo. Climax. Litter mates being fitted for fall show. Prices right. Chas. L. Taylor, Olean, Mo.

**Prince Wonder 2nd.** No boar sale but best for private sales. Gilts reserved for February 7 bred sow sale.  
**A. T. CROSS, GUIDE ROCK, NEBRASKA**

**BONNEY K — KANSAS SPECIAL**  
Spring boars for sale but all best gilts reserved for February bred sow sale.  
**W. E. MONASMITT, FORMOSO, KANSAS.**

**BIG TYPE DUROCS** Representing the best blood lines. Over 50 sows in herd. Big crop of choice spring pigs. Stock of all ages for sale. Fall sale Oct. 17. Moser & Fitzwater, Goff, Kansas.

### JOHN T. HIGGINS, ABILENE, KAN.

has 40 head of choice Duroc spring boars, sired by "Crimson Wonder Again," "King the Col." "Golden Model 11th" and 10 other leading sires of merit. Out of No. 1 dams of faultless breeding. They are priced to sell. Would prefer your visit but will take pleasure in correspondence. Address as above.

#### DUROC-JERSEYS.

### DUROCS—RED POLLS

30 summer and fall boars, 25 tried sows and fall gilts (bred) and spring pigs either sex, at FARMER'S PRICES. Young bulls and females all ages cheap.  
**GEO. W. SCHWAB, CLAY CENTER, NEB.**

### Perfection Stock Farm

Nov. boars and gilts, also 80 choice spring pigs, by State Fair grand and reserve champions. Pairs and trios not related. Ship on approval. Prices right. Write your wants.  
**Geo. M. Glasen, Union City, Ohio.**

### College Hill DUROCS

March and April boars and gilts from state fair winners. Choice boars by G. M's Col. and Carl's Critic. Farm joins Agricultural College.  
**W. W. BALES & SON, Manhattan, Kansas**

### Quivera Place DUROCS

Spring boars for sale by Quivera and M. & M's. Col. Gilts reserved for Jan. 8 bred sow sale.  
**MUNSELL & ISENBERG, Herington, Kan.**

### BANCROFT'S DUROCS

We hold no public sales. Nothing but the best offered as breeding stock. Three choice September boars. Tried sows and September gilts bred for September and October farrow. Spring pigs, either sex. Pairs and trios not akin. Price right. Customers in six states satisfied. Describe what you want. We have it.  
**D. O. BANCROFT, Osborne, Kansas.**

### Star Breeding Farm

### Herefords and Durocs

Bulls, 15 to 30 months, single or carlots; also, females any age. Durocs headed by the champion B. & C's Col. Both sexes for sale.  
**SAM'L DRYERD, ELK CITY, KANSAS.**

## Duroc-Jersey Bred Sow Sale!

### Grandview Stock Farm

Americus, Kan., Wednesday, Sept. 4th

40 Head **THE BLOOD THAT WINS** 40 Head

10 Tried Sows, 20 Fall Gilts, 10 Fall and Spring Boars

The Kind That Farrow and Raise Large Litters

They carry the blood of Improver II, Hogate's Model, Nebraska Belle, Frankfort K. Jr., Belle's Chief, Hunt's Special and others of like note.

Frankfort K. Jr., 73107, by Frankfort K., one of the best sons of Improver II, headed this herd for three years and several of his get are included in the sale. He himself was a first prize winner at Nebraska State Fair and Interstate Fair, Sioux City, Iowa, and his sire, Frankfort K., won the same honors the year before, 1906. He was one of the first prize herd and second in a class of 118 at Nebraska State Fair, 1907.

Most of the fall gilts are by Belle's Chief 2nd 71777, by Belle's Chief, others are by Golden Goods, 70513, by Hogate's Model.

These sows and gilts will be showing well in pig, sale day, bred to such sires as Superba 2nd, 126117 and Golden Model 3rd, a line bred Golden Model. Golden Model 3rd came from a long line of winning ancestors and crossed with these sows and gilts, should produce the kind that win the blue. Farmers and breeders alike invited to come to this sale. You will not be disappointed if you want the good kind.

Write today for catalog. Address  
Auctioneer, Col. Jno. D. Snyder.  
Fieldman, A. B. Hunter.

**W. R. HUSTON,**  
COME TO BUSHONG OR AMERICUS, KANSAS

## Second Annual Duroc-Jersey Brood Sow Sale Extraordinary

Under Cover at Elmdale, Kan., Saturday, August 31, 1912

50 head, 10 tried sows, 20 spring yearling gilts, 10 fall gilts, 10 spring boars, 50 head. Practically every animal in this offering is itself a winner or is sired by, or out of a state fair prize winner, and these 40 sows and gilts are safe in pig to state fair prize winners or sons of winners and **THEY ARE BRED SO AS TO GO ON AND PRODUCE WINNERS.**

A goodly number of this offering is by J. R.'s Chief, who headed the sensational young herd of 1910 and was first in senior yearling class at Hutchinson 1911, others are by such sires as High Chief, winner of 1st as get of sire, Hutchinson 1911 and Danay Lad a full brother to the Grand Champion at Hutchinson State Fair the same year. Included will be also daughters and grand daughter of the Grand Champion sow Top Notcher Rose. Miss Top by Tatarax will be represented by some excellent daughters. Lincoln Model, dam of J. R. Chief will have several fancy grand daughters in the offering.

These sows and gilts are showing safe in pig to such sires as J. R.'s Colonel, Model Colonel, both sired by Graduate Colonel. J. R.'s Colonel is a full brother to Grand Master Colonel and he is sure making good. I have also bred a few of these gilts, a young boar I call Dandy Model that is some boar himself and he will go in sale. This excellent cross of Colonel blood on Ohio Chief blood cannot help but continue to produce prize winners.

Write today for catalog, address,

Auctioneers: Lafe Burger, Crouch & Woods.  
Fieldman, A. B. Hunter.

**J. R. BLACKSHERE, Elmdale, Kan.**



# BIG BARGAINS IN REAL ESTATE

Dealers whose ads appear in this paper are thoroughly reliable and bargains worthy of consideration.

**AGENTS WANTED**, to sell Neosho Valley corn and alfalfa lands. \$40.00 to \$60.00 per a. G. W. Clark Land Co., Chetopa, Kan.

**WRITE** for big list of Southwest Kansas and Oklahoma farm bargains. James Russell, Edna, Kansas.

**IMPROVED** half section of Stafford Co. land at \$40 a. Worth \$60. Write for particulars. A. L. McMillan, Stafford, Kansas.

**FOR SALE**, 200 a. nderson Co., Imp. 90 a. cult., 35 a. bottom. Price \$5,500. For particulars write Her & Simmons, Garnett, Kan.

**160 ACRES**, 3 1/2 miles from Robinson, Kan.; all in cultivation; well improved; good house; tenant house; large barn; \$100 per acre. S. C. MILLER, Robinson, Kan.

**SUMNER COUNTY, KANSAS**. The best farms for diversified farming; the very choicest of improved farms. Crops are sure. Write H. H. Stewart, Wellington, Kansas.

**ALFALFA**, corn and wheat lands in rain belt of Kansas. Good upland \$35 to \$75, bottom \$75 to \$100. Free land list. THOMPSON & LEWIS, Whitewater, Kan.

**EMPORIA, KAN.**, is one of the best college towns surrounded by a good farming country. Send for list of farms and city property for sale. T. B. Godsey, Emporia, Kan.

**WRITE** for big printed list of corn and alf. farms in rain belt of Kansas. Biggest list choice farms in state. Kenyon & Holtzman, Concordia, Kan. (Pioneer Kan. farmers.)

**ALFALFA** and corn farms in eastern Kansas from \$55 to \$75 per acre. Easy terms. Write for list and tell us kind of farm wanted. T. J. Ryan & Co., St. Marys, Kan.

**FOR SALE** or exchange, 177 a. Cedar Co., Mo. Two sets improv. worth \$1,200. 100 a. cult., bal. timber and pasture, partly hog tight. Price \$5,000. Incumbrance \$2,700. Write J. R. Ford, Eldorado Springs, Mo.

**240 ACRES**, good farm; good improved; 4 miles to R. R. town; Cowley Co., Kansas. I will take \$2,000 cash, \$5,500 first mortgage, balance good property for a home. Price \$50 per acre. I have other farms on good terms. Wm. Godby, Arkansas City, Kan.

**HOMES** in N. W. Ark. Good soil, pure water, healthful climate, from \$500 to \$20,000; also flouring mill \$4,000, good proposition. Best reasons for selling. Harness, carriage, furniture stock live town. Other bargains. Write for list. Adv. Box A-1, Hindsville, Ark.

**FORD AND HODGEMAN Co.**, Kansas, wheat land making 15 to 30 bushel wheat to the acre. Black loam soil, 65 to 90 per cent level as a floor; from \$17.50 to \$35 per acre. Write or wire me to see the land. You will sure buy. W. A. STURGEON, Hutchinson, Kan.

**480 ACRES** land, all level, improved, one quarter, one mile and two quarters six miles from Selden, Kansas. All for \$6,000. C. H. REED, Selden, Kan.

**80 ACRE** home farm, 3 1/2 miles from town, half in cultivation, pasture, alfalfa, good water, four room house, barn, orchard. Price \$5,600.00. No trades. Write for free list. V. E. NIQUETTE, Salina, Kan.

**BARGAIN**: 80 acres, 68 a. cultivated, balance pasture, 10 a. alfalfa, 6 room house, good barn and outbuildings. Price \$4,500, \$1,500 cash. Write for free lists. W. G. STUDEBAKER, Salina, Kan.

**FARMS** bought at right prices are a good investment. Send for our booklet containing choice bargains in the corn and alfalfa belt of southeast Kansas. Farms, prices and terms are right. Write for it today. MILLER & SON, Petrolia, Kan.

**A GOOD INVESTMENT**—Unimproved half section, Central Kansas creek bottom and second bottom land. 240 acres broke, 300 acres tillable. No trades wanted. \$65 per acre. Reasonable terms. Write HENRY H. EBERHARDT, Salina, Kan.

**DON'T** this beat the band? Little ranch, 460 acres, 95 acres bottom in cultivation, balance pasture. Good house, big barn, wind mill, tanks, timber. Only \$22.00 per acre. Don't take much money to handle. Ask about it. F. D. GREENE, Longton, Kan.

**120 acres**, 5 room dwelling, good barn and outbuildings, orchard, choice valley land, fine location; 2 1/2 miles out. Price for quick sale \$55.00 per acre. Send for land list. F. C. LIBBY, Blue Mound, Linn Co., Kan. J. L. Wilson, Salesman.

## ALFALFA LANDS \$40 to \$50 ACRE

EAST END OF HODGEMAN COUNTY

Very best bottom land, with running water, some timber. Excellent wheat land at \$20 to \$30 per acre. Come and see or write for list. M. W. PETERSON, Hanston, Kan.

## DICKINSON COUNTY BARGAINS

We have many fine river and creek bottom land and also fine upland farms for sale. Good wheat, corn and alfalfa lands at reasonable prices. Write for lists. Mention this paper. BRINEY, PAUTZ & DANFORD, Abilene, Kansas.

## Florida Lands For General Farming

We have 10,000 acres of the best farm land in Central Florida for sale in tracts of 40 acres to 640 acres. Land nearly level, good drainage, splendidly adapted for raising vegetables, grain, livestock and citrus fruit. When the purchasers of Florida land get away from the 5 and 10 acre idea and buy lands and farm them as they do in the West the results will be far beyond those realized by western farmers. Prices \$25 per acre to \$40 per acre. Terms very easy. Address

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**SPLENDID FARM BARGAIN** with an income. 192 acres fine land, fine improvements, 112 acres in cultivation, 35 acres pasture, 45 acres fine meadow, fine house, orchard and outbuildings. Leased for oil and gas, owner receives \$600 per year royalty. Free gas for light and fuel. Price only \$80 per acre. D. C. DAVIS, Independence, Kan.

**WHY PAY \$400 PER ACRE** when we can sell you well improved farms in Linn Co., Eastern Kansas, at \$30 to \$60, fine corn, small grain, tame hay, vegetables, fruit. Level, good soil. Ideal climate, close to Kansas City markets. Write for illustrated literature and list. WAIT & DEAN, Blue Mound, Kan.

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**WRITE FOR OUR BARGAIN SHEET** of our farm and ranch homes in W. Kansas, also choice farm homes near Wichita, Kan. Kuhlmann Realty Co., Wichita, Kan.

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**SOUTHEASTERN KANSAS** is the place to go for good homes, low prices and easy terms. Send for full information. Address THE ALLEN COUNTY INVESTMENT CO., Iola, Kan.

**FARM BARGAINS**. Choice wheat and alfalfa lands in famous Medicine and Sharon Valley, \$25 to \$50 per a. J. P. DUNCAN REALTY CO., 712 Beacon Bldg., Wichita, Kan.

**BUTLER COUNTY, KANSAS, 160 A.** New buildings, 80 acres in cultivation, balance grass, good alfalfa land. \$6,000, terms. BEATTY REALTY CO., Wichita, Kan.

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**160 ACRES** in Washington county, 2 miles from town, 1 1/2 miles from German Lutheran church, 1 mile from public school. 110 acres in cultivation, balance in meadow and pasture. 4-room house, barn for 12 horses, also other outbuildings, living water; all fenced and cross-fenced, lays slightly rolling; raises elegant small grain, wheat and oats, also corn, would produce alfalfa in paying quantities. Terms \$58.00 per acre, mortgage \$3,700 at 6 per cent, balance cash. PRALLE BROS., Bremen, Kan.

## SOLOMON VALLEY FARM

314 acres. North Central Kansas, the great alfalfa, wheat and corn belt of the state; 2 miles railroad town; rural route; telephone; well improved; two sets improvements; no rocks, sand or gumbo; rich black soil; fine alfalfa, wheat and corn; 250 acres cultivated; all tillable; can be rented for 1/2 the crop; price for quick sale, \$65; also two quarters in Graham county, one at \$20; the other at \$15; good rich land, rural route; telephone; good terms on all this land; no trades; come and see or write for full description. Owner. H. J. HAMMOND, Harlan, Kansas.

**TWO FINE RANCHES**: 960 acres, 300 cult., 660 finest bluestem pasture, permanent spring water, 2 sets imp.; 10 miles El Dorado, may be divided, \$40,000.00, terms on half. 1,660 acres, Cowley Co., 200 acres cult., 70 alfalfa, springs and creek, 1,400 acres fine flint hill pasture, 3 mi. station, \$30, terms. V. A. Osburn, El Dorado, Kan.

**FINE** improved 80 a. farm 6 mi. Ottawa; all tillable; will sell with \$1,200 cash, remainder \$200 year at 5 per cent annual interest. \$6 1/2 a. 7 mi. Ottawa; 5 room house; barn nearly new; well and windmill; orchard; 80 a. smooth land in cultivation; 6 a. timber; close to school and church; price \$52.50 per acre. Loan 1/2 the money. MANSFIELD, Ottawa, Kansas.

**320 ACRES FOR SALE**. 6 1/2 miles from Preston, all fenced and cross fenced. 220 acres in cultivation, 100 acres in pasture; good 8 room house, barn for 16 horses, granary and sheds, well and windmill. On phone and rural route. If you want a good wheat and corn farm investigate this. Price \$11,000 with good terms. CHAS. E. DYE, Preston, Kan.

**SEDGWICK COUNTY FARM BARGAINS**. 280 acre first bottom farm, fair improvements. This snap \$47.50 per a. Terms. 101 a. first bottom alfalfa farm. Well improved. 40 a. fine alfalfa one mile of city, 8,000 people. \$110 per a. Good terms. 320 a. improved best alfalfa or wheat land, \$65 per a. Half cash. 80 a. farm, good land; 20 a. alfalfa, good improvements, near Wichita, \$80 per a. For bargains in good farms call on or write H. E. OSBURN, 227 E. Douglas, Room 1, Wichita, Kan.

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Live near while educating your children. City, suburban and farm property for sale. Choice locations. Write your wants. L. D. ARNOLD, Manhattan, Kansas.

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In Okla., Gulf Coast country and Kan. Prices low, terms easy. Exchanges made. JABEZ F. BRADSHAW, Lenexa, Kan.

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Three and one-half miles from town, 120 acres good wheat land, all well grassed, living water. Big snap. Must sell quick. Price \$8.50 per acre, terms. Other bargains. List on request. MARRS & DAY, Meade, Kansas.

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**FREE ILLUS.** literature describing land in the famous Texas mid-coast country. Smith Diebel Land Co., Victoria, Tex.

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**TEXAS AND MEXICO** farms, ranches, timber lands and colonization tracts our specialty; from 100 to 1,000,000 acre tracts. Special bargain list free. Greenfield Realty Co., Southwestern Life Building, Dallas, Tex.

**RAINS ABUNDANT**: crops fine; land values will double quickly. We are expert farmers, 40 yrs. experience, and will give your business honest attention. Agents wanted. White Brothers, Plainview, Texas.

**YOU CAN'T AFFORD TO MISS THIS ONE!** A well improved river bottom farm at \$20 per acre. Easy payments. Write for particulars. Many other great bargains. J. C. SCHOFIELD, Edna, Tex.

**GULF COAST LANDS** that produce big crops of all staples, at reasonable prices on good terms. Values are increasing rapidly. Now is the time to buy. Maps and illustrated literature free. Orange land on easy payments a specialty. J. W. MAGILL, Bay City, Texas.

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**FREE TRIP TO TEXAS** and \$125 in cash to anyone selling 15 lots in our new town. Any man or woman of good local reputation can sell these in a few days. We sell choice farm lands on terms to suit. The country of biggest alfalfa and finest fruits. Write today. STRATTON LAND COMPANY, Chicago, Ill.

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**RICH**, productive, deeded land on railroad; excellent markets; schools; free range; lowest prices; unequalled opportunity for homebuilder or investor; descriptive bulletin giving full particulars. Write at once to BEAR RIVER VALLEY LAND CO., Montpelier, Idaho.

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**120 ACRE** farm, only \$1,250; terms on part. Crain, Licking, Mo.

**25 OZARK** bottom farms. List free. Write J. H. Wright, Marshfield, Mo.

**BEST** imp. farms in Mo. \$60 to \$100 per a. Write A. R. Wherritt, Pleasant Hill, Mo.

**FINE** Howard Co. farms. None better. List free. Write to C. C. Furr, Fayette, Mo.

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**BARGAINS** in Ozark of Missouri fruit and timber lands. A. J. Johnston, Merchants Nat'l Bank Bldg., Springfield, Mo.

**95 ACRES** improved dairy farm within city limits of Richland, Mo. Price \$60 per acre. Other farms for sale. Write owner. G. R. Bakeman, Richland, Mo.

**207 A.** imp. farm; 150 cult.; bal. timber and orchard, tel., R. F. D. nr. R. R. station; fine water. Price \$45 per a. terms. Greene Co. Realty Co., Springfield, Mo.

**IF YOU** are looking for a home come to the Ozarks where land is yet cheap and climate great. List of farm, ranch and timber bargains. Write Roy Bedell & Co., 309 1/2 College St., Springfield, Mo.

**BARGAIN FOR CASH ONLY**, three miles of this city, the county seat. 50 acres, \$8 in cultivation, 12 timber and pasture. Splendid water, all fenced, one mile to school, fine road, on rural and telephone line. 4 room house, stone cellar under it, good barn 22x28, other outbuildings. Price \$1,800.00. \$600 cash, long time on balance at 6 per cent. Write JAS. B. WEBB & CO., West Plains, Mo., about this.

**FOR SALE**, 185 acre farm in Southern Missouri. Well improved, convenient to railroad. 60 acres in bearing orchard. 3,000 barrels of apples now in sight on the trees. Land finely watered, with good buildings. Rural route and telephone line. If this orchard is properly handled it should yield at least 3,000 barrels a year which will sell from \$3,000 to \$6,000 each year, according to market price. You can sell the apples on the trees for cash in hand, and not be bothered with picking and packing. This farm is good for general purposes, in addition to fruit. You can buy this at a bargain, for the owner must sell. Might consider some trade. Send for complete and detailed description. Don't wait. You get the apples. G. B. CUNNINGHAM & CO., 431 E. Commercial St., Springfield, Mo.

**40 ACRES**, 5 1/2 miles from Lebanon, 1/2 in cult., improved, water, fruit, good poultry farm, price \$700. F. R. CURRIE, Lebanon, Mo.

**8080 ACRE STOCK RANCH**. For half its value for quick sale. Address owner for information. A. J. Johnston, Merchants Nat'l Bank Bldg., Springfield, Mo.

**CALLAWAY COUNTY, MISSOURI**, in the heart of the great grain and stock-raising section of the Mississippi Valley, offers fertile lands, good climate, ample, well distributed rainfall, reasonable prices. Write for 1912 catalog. W. ED. JAMESON, Box D. Fulton, Mo.

**FREE: "Homeseekers' Review"**, BEST LAND Journal Published Many big bargains. WEST PLAINS REAL ESTATE CO., West Plains, Howell County, Mo.

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**1,190 ACRES** solid body, this county. All prairie, 800 acres fine tillable smooth prairie land. Balance fine pasture. 200 acres in cultivation. Fair improvements, fine water, fenced and cross fenced. Hay make 1 1/2 tons per acre this year. \$18 per acre. Terms, no exchange. Write SOUTHERN REALTY CO., McAlester, Okla.

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**TO ACTUAL FARMERS**. Come and see me if you want to own a home farm of good land, deep soil, no rock, no hardpan, 42 inch rainfall, \$30 to \$40 per a.; long time. CHARLES WHITAKER, (Eastern) Eufaula, Okla.

**ALFALFA FARM BARGAIN**. 190 a. imp. farm, 100 a. alfalfa; 10 minutes' ride on interurban from Muskogee. Price \$22,000. Terms. 600 a. imp. ranch; 300 bottom; 100 in cult. Price \$15 per a. Write F. H. ATWOOD & CO., Muskogee, Okla.

**FOR SALE—THREE GOOD FARMS** in Custer county, Oklahoma. Best county in the state. 160 acres each. All fenced and cross fenced. Orchards. Good water. Dwelling houses. Outbuildings. Nice rolling lands. Most of it in cultivation. A snap if taken quick. J. J. MILLER, R. F. D. No. 2, Thomas, Okla.

**Oklahoma Wants You** 500 choice farms for sale. Titles good. Easy terms. Soil and climate excellent. Write for list. Roberts Realty Co., Nowata, Okla.

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Oklahoma farm lands to actual settlers on time payments with or without any cash. List of 120 farms to select from. Write for list and prices. JOSEPH F. LOCKE, Wynnewood, Okla.



## OKLAHOMA

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EASTERN OKLAHOMA farms for sale by owner. Write W. A. Hancock, Pryor, Okla.

N. E. OKLA. prairie farms. Easy payments. Write J. T. Ragan, Vinita, Okla.

INDIAN LANDS eastern Okla. rain belt. Write J. J. Harrison, Pryor, Okla.

TIM WOOD, the land man, sells E. Okla. farms; for list write Muskogee, Okla.

160 A. two ml. R. R. town, seven ml. of Co. seat, \$40 per a. Good four room house, 120 a. in cult., easy terms. J. H. Fuss, the Land Man, Medford, Okla.

KAY CO. bargains best in state. Fine homes. Good crops. List free. E. E. WOOD, Newkirk, Okla.

10,000 ACRES choice improved farm land, 5,000 acres raw land. I own these and will sell on easy terms. For list write L. R. KERSHAW, Muskogee, Okla.

40 ACRES about one mile from Thomasville, Okla.; R. R. town, lies well, unimproved, all in timber and grass, perfect title, price \$5.00 per acre, terms. W. F. COLNOR, Heavener, Oklahoma.

430 ACRES of bottom in cultivation. 7 miles south of Sulphur, Oklahoma. 205 acres in alfalfa cut three times this year. Will be cut twice more. Fenced hog tight. Three big barns, two dwellings, windmill and water system. Horses, mules, cattle, hogs, chickens, feed, farm products, hay and all implements go with the farm. A rare bargain at \$37,500. Time given on \$15,000. Alfalfa at \$200.00 per acre will bring better revenue than corn at \$50.00. Grass land can be bought adjoining. Address T. J. HARTMAN, Owner, Tulsa, Okla.

FOR IMPROVED FARMS in the garden spot of Oklahoma, write JOE CAKE, Hunter, Okla.

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Land \$3.00 to \$25.00 per a. Prices are steadily advancing—now is the time to buy. If you want a good, cheap home, or a money making investment, write to or call on W. T. HARDY, McAlester, Okla.

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Muskogee county, Okla., due south of Kansas City. 24 farms for sale by the owner. Write for price list, state map and illustrated booklet. BEARD LAND CO., Muskogee, Okla.

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BEAUTIFUL Irr. farms, fruit, sugar beets, grain, alfalfa. Orway Land Co., Orway, Col.

80 ACRES irrigated, \$6,500. Close to Lupton, north of Denver. Improved, cultivated, fenced, water right, fine soil. L. A. Cobb Inv. Co., 242 Century Bldg., Denver, Colo.

320 ACRES; snap Elbert Co.; average rainfall exceeds 27 inches per annum; excellent crops on adjoining land; 4 miles of R. R. Price \$10 per acre, easy terms. Owner, Francis James, 1734 Welton St., Denver, Colo.

FREE illustrated literature describing eastern Colorado lands where all staples grow to perfection. Prices low; terms easy. E. F. SCHLOTE, Flagler, Colo.

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The coming country of the Golden West.

FOR SALE—Beautiful level irrigated farm of 80 acres in the Greeley District of Northern Colorado. Well improved and growing good crops of alfalfa, small grain and beets. Every foot irrigated and cultivated. Under one of the best ditches in the state. Two miles from station. Will sell at a bargain. J. I. CARPER, Denver, Colorado.

284 A. COLO. LAND CHEAP. 124 a. clear deed, 100 of it fine valley, \$10 an acre. 160 a. homestead adjoining same class, prove up in 3 years, \$500; 5 ml. R. R. town, together or separate. Best dairy land in E. Colorado. Half cash, bal. secured. E. L. PALMER, Laird, Colo.

CHEAP LAND and homestead relinquishments in Kiowa Co., Colo. Government only requires 3 yrs. residence now with 5 mo. yearly absence. Deed land \$6 to \$25 per a. Write for full information. Chas. M. Stark, Eads, Colo.

EASTERN COLORADO offers unsurpassed opportunities for home seeker or investor. Can furnish lands in any size tracts, at lowest prices; stock ranches a specialty. Write for free county map and des. matter. F. E. EWING, Hugo, Colo.

EASTERN COLORADO. Rich, level, corn, wheat and alfalfa land \$10 to \$30 per a. Write or call on G. W. DINGMAN, Stratton, Colo.

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FOR SALE AT A BARGAIN: 130 head of cattle, 350 head of sheep and 30 head of horses, and the finest combination dairy and stock ranch to be found in the country. There are 3,500 acres in the ranch, located one and one-half miles from R. R. station; over 1,000 acres bottom land with shallow water; plenty living water on the ranch at all times. FINE. A bargain. CARL M. COOK, Limon, Colo.

THE STEWART REALTY COMPANY Located at Suite 703-4-5-6 First National Bank Building, Denver, Colorado. Has the largest list of irrigated land, improved dry farms, stock ranches, city property, business property, apartment houses, of any office west of Chicago. Also has offices in Chicago, Omaha, Kansas City, St. Louis and St. Paul. They personally recommend all properties. The officers are George W. Stewart, President; O. W. Lovan, Vice-President; Mason W. Spicer, Sec.-Treas.

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of Colo. and the U. S. Gov't Canal, greatest fruit country in the world. Ten thousand cars this year. 4 crops alfalfa, 300 bu. potatoes per acre. No failures. 326 days sunshine, high schools, etc. For sale cheap, 40 acres paid up water right and 80 acres under government canal. \$100 to \$150 per acre. 40 acres all you need with irrigation. J. C. VINING, Owner, 533 17th St., Denver, Colo.

A FEW SNAPS FOR CASH. Excellent alfalfa farm, one-fourth seeded, near shipping point, \$35 per acre. 120 acres alfalfa and potato land, under good ditch, \$25 per acre. Cattle ranch, will keep 500 cattle, \$10,000.00. Several one thousand to ten thousand acre ranches. Many small farms. Write us. SHIELDS-BEGGS LAND CO., Fort Morgan, Colo.

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## Corn, Wheat and Alfalfa Farm

677 acres in Carroll Co., Mo., 3 miles from town, level road, farm all tillable, no ditches or creeks, 65 bu. of corn, 40 bu. of wheat and 4 tons of alfalfa per acre, growing on farm this year. Land is capable and has done better than this, the greater part of this farm is the best of alfalfa land, 2 sets of improvements, main buildings, house of 7 rooms, barn 48x36x16, second barn 36x24, double covered corn crib 48x28x10, workshops, tool sheds, and 2 never failing wells. Second set of buildings house of three rooms and ordinary barn, orchard with each set of buildings, this is one of the best producing farms in the country, rented to first class tenants for half crop. Price \$100 per acre. Other farms no better in vicinity are selling from \$120 to \$140 per acre. This farm is equal to the \$200 land of Iowa and Ill. Address S. C. DIGGLE LAND COMPANY, 405 Commerce Bldg., Kansas City, Mo.

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GROCERIES and merchandise for farm. Other trades. F. Gass, Joplin, Mo.

I SELL or trade land or goods. Describe your wants. F. H. Brown, Golden, Mo.

EXCHANGES, all kinds, everywhere. What have you? Overlin & Son, California, Mo.

BUY OR TRADE WITH US—Exchange book free. Bersie Agency, Eldorado, Kan.

WRITE FOR LISTS, sale or exchange. The Eastern Kan. Land Co., Quenemo, Kan.

BOOK 1,000 farms, etc., everywhere, for ex. Get our fair plan of making quick square trades. Graham Bros., Eldorado, Kan.

GREAT bargains in Sherman Co. farms; all sizes; easy terms; big crops this year; exchanges negotiated; liberal contracts to agts. Write Kysar Realty Co., Goodland, Kan.

FARM BARGAINS—Good Anderson county, Kansas, farms at bargain prices; farms to exchange for merchandise or rental property. Four Square Land Office, Colony, Kan.

WANT quick trade, a good little 80 acre farm, 7 miles of town, all good land well improved, except house which is fair, price \$1,800; wants 4 or 5 room cottage in good school town, Kan., equal value; owners only answer. Buxton Land Co., Utica, Kan.

EXCHANGE for merchandise: 160 acres thirty miles southwest of Wichita, 100 in cultivation, small improvements, \$8,000.00. 320 acres, improved, near Englewood, Kan., 120 acres cultivation, \$6,000.00. 640 acres good wheat land, Logan county, Kansas, \$8,000.00. W. D. JESSUP, Wichita, Kan.

ONE of the best farms in Oklahoma, and three in New Mexico for sale. Will consider a good clean stock of merchandise in part payment, or I will trade my New Mexico land for land elsewhere, for cattle, merchandise and good city property. Address owner, L. H. Hamby, Route 3, Frederick, Okla.

CLEAR \$12,000 hardware stock, east Kansas, to trade for stock and grain farm. BREMEYER, McPherson, Kan.

COFFEY CO., KANSAS, corn and alfalfa lands, low prices and easy terms; exchanges of all kinds; list and map free. LE ROY REALTY CO., LeRoy, Kan.

FOR SALE—Choice wheat, corn, and alfalfa lands, in Clark, Ford, and Meade Cos. Write for list, trades. NATE NEAL, Real Estate, Minneapolis, Kan.

PHILLIPS CO., Kan., lands for exchange. 240 a. impr., \$40. want eastern Kansas. 200 a. impr., \$50. want eastern Kansas. 400 a. impr., \$30. take part in western—carry bal. I. R. ELDRED, Phillipsburg, Kan.

FOR FARM LANDS AND EXCHANGES of all kinds address John Capper, Real Estate Agent, Lyndon, Kan.

FOR A QUICK SALE or exchange of real estate, address FRED J. HALL, Eldorado, Kan.

IF YOU WANT TO SELL or trade your farm or stock of merchandise list it with me and I will find you a deal quick. E. A. MILLER, Centralla, Kansas.

FINE FARM TO TRADE FOR BRICK BUSINESS PROPERTY. 160 acres in Allen Co., Kansas, 1 mile from new cement plant and brick plant, 1/2 in cult., balance grass, lays good, fair improvements, good water, good black land. Will trade for good brick or stone business property in good town. Address WILSON & RESSEL, Colony, Kansas.

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HOMESTEAD—320 acres rich farm land for \$175, filing fees and all. No sand hills. J. A. Tracey, Kimball, Neb.

I CAN locate thirty parties on homesteads under government ditch ready for irrigation. George J. Carpenter, Morrill, Neb.

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160 acres grass land in Garfield county, Nebraska, 18 miles north of Durwell, the county seat, 5 miles from Blake P. O. All valley land, 160 acres mow land, balance pasture. Price \$15 per acre, \$1,000 cash, balance 3 or 5 years, 6 per cent interest. THE ETCHEN BROS., Coffeyville, Kansas.

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\$3,200; \$1,500 cash, balance time. Stock and tools included. 130 acres. Ten room house, nice shape. Two large barns, granary, shop, hen and hog house, wagon sheds. Spring watered pasture, 10 cows, 5 yearlings. Hens. Mower, rake, wagons, sleds, sulky plow, corn planter, cultivator, many other tools. 1 1/2 miles to railroad town and markets. We have all kinds of farms for all kinds of people. HALL'S FARM AGENCY, 1300 Lake street, Elmira, N. Y.

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OWN YOUR HOME in Canada. Buy a farm in Sunny Southern Alberta, any size, easy terms. Climate ideal, soil unequalled, no crop failures, no personal tax. Write today. Lynn W. Barrett, Aldersyde, Alberta.

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RICH Illinois land \$25 per acre. Address S. H. Morton, 706 Chestnut St., St. Louis, Mo.

## ARKANSAS

80 A. branch bottom, 70 cult., some fruit land, \$1,600. Porter Land Co., Horatio, Ark.

IF INTERESTED in N. E. Arkansas farm and timber lands, write for list. F. M. MESSER, Walnut Ridge, Ark.

FREE information about Ark. general farming, fruit or stock raising land, at low prices. Virgil S. May, Booneville, Ark.

RED BUD corn and alfalfa farms, \$20 to \$50 per acre; income \$50 to \$60 per acre. List free. J. A. JUSTUS, Foreman, Ark.

FOR des. literature, city props., Ark. and Okla. farm, fruit, timber and grazing lands, write Moss, Hays & Co., Siloam Springs, Ark.

IF YOU WANT A GOOD HOME for a little money write to MISSES BURKS & PATTON, Monticello, Ark.

BARGAIN J. [?] ml. from town; 65 a. cult.; 10 a. bearing orch., all crops included. Robt. Workman, Evorton, Ark.

FOR FREE INFORMATION about Arkansas fruit and general farming land, at low prices, on liberal terms, write us. New list free. Griffin & Wasson, Genary, Ark.

CORN, FRUIT, ranch, wheat lands; sandy loam soil; \$10 to \$15 per a. On good terms. Write for new list, traffic free upon request. Mansfield Realty Co., Mansfield, Ark.

120 A. improved valley farm; 10 cult.; bal. timbered; all tillable; 2 a. bearing orchard; on public road; mail and telephone route; well and spring water; healthy; \$2,000. Terms easy. ROBERT SESSIONS, Winthrop, Ark.

FOR SALE—120 a. rich land, 30 in cultivation, house, barns, orchard, fine water; beautiful home on pike, mile from town, 18 from Little Rock, \$30 per a. J. Ray, 105 Center St., Little Rock, Ark.

BARGAINS in North Ark. Good valley farms and cheap dairy and grazing land. WAYT & POTTER, Hardy, Arkansas.

We have 200 farms to dispose of at once in Arkansas, where the winters are short and the summers are mild. Fruit farms, strawberry farms, grazing and farming lands a specialty, ranging from \$15.00 to \$40.00 per acre, in tracts of 40 to 3,000 acres. Write us what you want and we will fill the bill. Address JAGGERS & HALL, Walnut Ridge, Ark.

FOR SALE OR TRADE—800 acres of rich land in Lee Co., Ark., partly cleared; bal. timber. Will sell all or part reasonable or will trade for good alfalfa farm or small ranch, or will trade for equity. S. M. BRADEN, Sparto, Ill.

ARKANSAS FARM LANDS. 400 acres, well improved, close in, \$12,000. 80 acres \$700. 120 acres \$2,500. 60 acres \$850. 123 acres \$1,500. For description and terms, H. J. HALL, Waldron, Arkansas.

ARKANSAS LANDS. For fruit or general farming, at much less than their actual producing value. Fruit, berries and all staples grow to perfection. Land values are advancing rapidly. New list free. COLLINS & HUNSAKER, Decatur, Benton Co., Ark.

IDEAL summer and winter home in Ozarks; 8 acres in town, fine improvements; 5 acres bearing orchard, \$3,000. 2 1/2 acres, 10 room house, money-making orchard, \$2,250. Free list. Big apple crop in sight, prices advancing. FREDRICKS REALTY COMPANY, Springdale, Washington County, Arkansas.

A FARM FOR YOU IN ARKANSAS. 40 acres GOOD LAND \$600.00, on these exceptional terms: Note for \$400.00 due in 6 years, 6 per cent interest payable annually. Balance of \$200.00 payable \$5.00 cash, \$5.00 per month, without interest. No taxes during installment payments. Larger tract, proportionate terms.

Our sixteen years' experience is at your service in investigating Arkansas. Real Estate Department. TEXARKANA TRUST COMPANY, Texarkana, Arkansas. Colored map of Arkansas for 10 cents.

IF YOU WANT TO BUY ARKANSAS LAND Write S. C. Dowell, Walnut Ridge, Ark. Finest farming, timbered and rice lands in the state at lowest prices. No trades.

BEAUTIFUL OZARKS OF ARKANSAS. Flowing springs, fertile valleys. Fruit, grain, timber lands for sale. Easy terms. J. C. MITCHELL, Fayetteville, Ark.

Scott County, Arkansas where land values are steadily advancing. Prices range from \$10.00 an acre up. Fine for fruit, stock raising and general farming. Get our new list. Mail free upon request. SANFORD & SANFORD, Waldron, Ark.

For Sale in Southwest Arkansas 80 improved farms at a price ranging from \$15.00 to \$40.00 per acre. Write for literature. SOUTHERN REALTY & TRUST COMPANY, Ashdown, Arkansas.

## IDAHO

FOR HIGH CLASS IRRIGATED LAND with plenty of water, lava ash soil and an ideal climate, good fruit, grain and dairy country, address THE STILSON-BLODGETT LAND CO., Gooding, Idaho.

## LOUISIANA.

ALFALFA farm practically free to experienced grower under 30 yrs. Want start industry. R. A. Shotwell, Mgr., Chamber of Com., Monroe, La.

## MEXICO.

EVER HEAR OF MACINESO, Mexico? Place of FREE HOMES and perpetual income. Everything guaranteed. J. M. Mason, Columbus, Kan.

## 240 Acres of Irrigated Land

close to Alamosa, Colorado. Will soon be in the city limits. Price \$100 an acre. Also \$2,000 worth of city lots in Oklahoma City. Will take gen'l mdse. or hardware store, not exceeding \$20,000 to \$24,000. STEVENS & RUBY, Stockton, Kan.



# Hupmobile

The deeper you go into detail  
the greater will grow your regard



The above picture shows S. J. Hall, of Malakoff, Texas, and his Long-Stroke "32" Hupmobile Car which he recently won a perfect score in the Farm and Ranch Reliability Run of 763 miles from Dallas to San Antonio, Tex., and return, open only to farmers operating and living on their own farms. In this run a non-contesting Hupmobile Press Car, of the same model, also made the run, in company with ten other official cars of much higher-horse-power rating. On neither of these cars was a single adjustment made during the entire run and both won the admiration of everybody on account of their extraordinary hill-climbing and sand-pulling qualities.

Hupmobile, Long-Stroke, "32" Touring Car \$900. F. O. B. Detroit including equipment of wind shield, gas lamps and generator, oil lamps, tools and horn. Unit power plant; four cylinder motor; 3 1/4 inch bore x 5 1/2 inch stroke; three speeds forward and reverse; sliding gears, 13 inch multiple disc clutch; three bearing crank shaft; full floating rear axle; center control; Bosch Magneto; 105 inch wheel base; 32 x 3 1/2 inch tires; Color Standard Hupmobile Blue.

You will admit that the inside—not the outward appearance of the car—establishes its true value.

For this reason we ask you not to let your first favorable impression end with your admiration for the graceful design, the low strong lines, the deep comfortable upholstery of the long-stroke Hupmobile. We had much rather have you go deeper into this car and examine its motor, transmission and axle construction; for your good opinion of the car will surely increase in proportion to the care with which you study its parts.

First, last and all the time let us emphasize the pulling power of this extraordinary car.

For a motor car's ability to get over the road—to make the grades—to haul the load—is truthfully defined by its pulling power and by nothing else.

These are the requisites you will want in a motor car—in addition to style, comfort and economy, all of which the long-stroke Hupmobile "32" possesses in a high degree.

## What Makes Pulling Power

The pulling power depends upon these important factors:

- First—The relation of piston stroke to cylinder bore.
- Second—The design of the motor.
- Third—The efficiency of the carburetor.
- Fourth—The simplicity of the chassis construction.
- Fifth—The degree to which friction is reduced.
- Sixth—The weight of the car.

## Let the dealer show you how

we have accomplished these essentials in the Hupmobile "32."

- First—The stroke is neither too long nor too short, but in ratio to the bore as 1.7 is to 1; the mean average that has been most widely established in European practice.
  - Second—The cylinders of the motor are cast en bloc; the valves at the side protected from dust and dirt.
  - Three liberal crank shaft bearings are provided to preclude the possibility of undue strain in that important part.
  - Third—The carburetion is absolutely automatic, insuring correct mixture at all speeds and under all loads without adjustment.
  - Fourth—The chassis clean of every complication: the motor, clutch and transmission are a compact weight saving unit, permanently aligned and dispensing with a shaft and universal joint between clutch and transmission.
  - Fifth—Friction is reduced to the limit by the finest domestic and imported ball and roller bearings; there is but one universal joint between transmission and full floating rear axle, giving practically straight line drive and the least possible lost motion in the transmission of power.
  - Sixth—The weight of the car is from two to three hundred pounds under that of most cars of equal size and grade, which means that much less dead weight to waste power.
- Each of these points is an unusual advantage; collectively, they enable the motor to give its maximum power and set the Hupmobile "32" apart and above cars of its size and price.

After you have examined these points, if you will let our dealer drive you in this car, and see its pulling power triumph over sand and mud that would stall a motor of ordinary bore and stroke, you will need no further demonstration.

## The 20 Horse-Power Cars

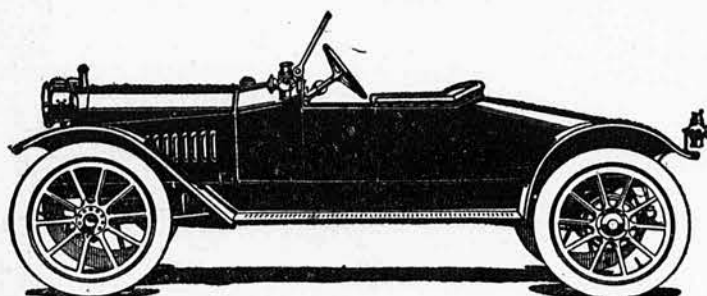
The 20 horse-power cars have the enthusiastic friendship of over fifteen thousand owners in all parts of the world. The motor in the runabout, depicted below, is identical with that which carried a Hupmobile world-touring car around the world. A car of this type has withstood successfully nearly a year of rough-riding service in army maneuvers, driven by Major Dickson, 26th Infantry, U. S. A.

Eighty percent of the new sales of this car come through the recommendations of owners. So far as we know every Hupmobile that has ever been manufactured is still in running condition, barring a few that have been destroyed by fire or accident.

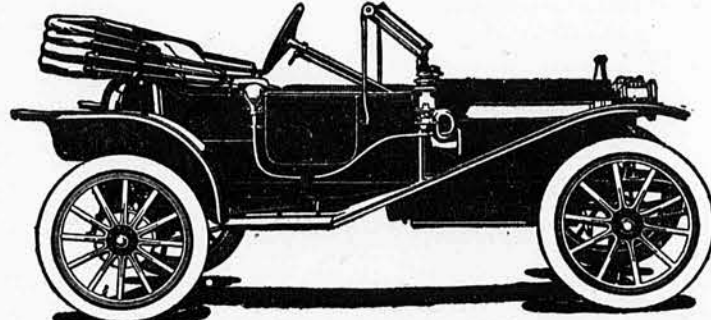
Graceful in style, easy to handle, wonderfully economical in upkeep, this car retains its distinction as a standard runabout type for town and country use: is a favorite with doctors, business men and salesmen in their daily work; is popular with women and the more youthful drivers on account of its extreme simplicity and safety, and graces the garages of more people of wealth and fashion than any other small car that was ever marketed.

Visit the nearest dealer in your territory and study these facts for yourself. Then you will realize what renders the price and performance of the Hupmobile extraordinary.

Hupp Motor Car Company, 1287 Milwaukee Avenue, Detroit, Michigan



**Hupmobile "32" Roadster, \$900.**  
F. O. B. Detroit, same equipment and specifications, except completely enclosed dust proof rear compartment, with room for extra baggage, casings, tools and trunk. Built close to the ground, it clings to the road with the least possible side sway or wind resistance. Illustrated at left.



**Hupmobile "20" Runabout, \$750.**  
F. O. B. Detroit, including equipment of top, windshield, gas lamps, generator, oil lamps, tools and horn; 4 cylinders, 20 h. p., sliding gears, Bosch magneto. Roadster, with 110-inch wheelbase, \$850.