

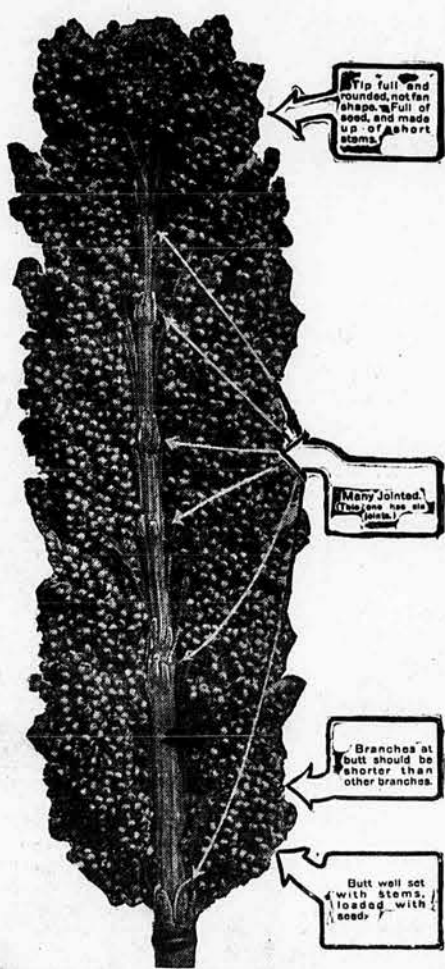
# THE FARMERS MAIL AND BREEZE

Volume 43

October 18, 1913

Number 32

## How to Know Heavy Yielding Kafir Heads



Interior of head from a field yielding 80 bushels an acre.

Here are two kafir heads—the one on the left the proper sort; the one on the right not quite so good. They are well worth studying if you intend to save seed this fall for next year's crop. Note these things:

Heads heavy, compact, seed large.

Heads not pointed.

Head entirely out of the "boot."

Main stem many jointed.

Main stem extends unbroken well to tip of head.

Base well set with seed stems.

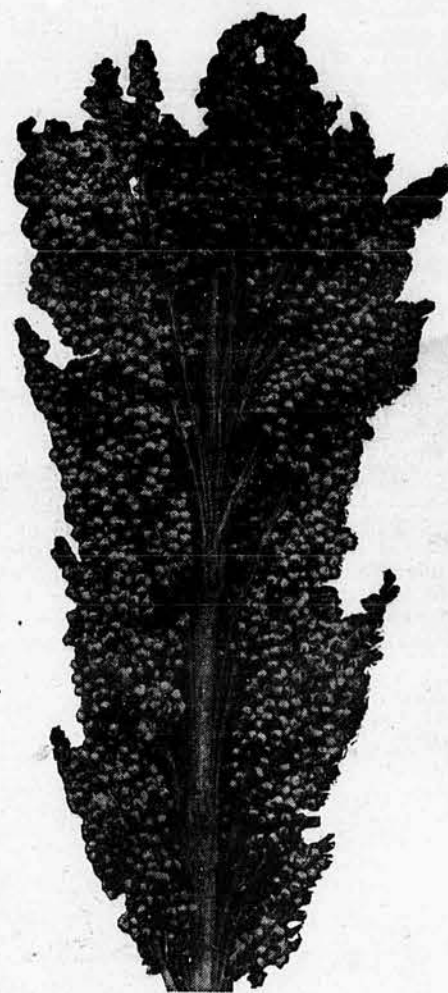
Tip made up of short stems.

Tip compact, not loose, and fan shape.

Stems on midrib short and not more than two inches apart.

Whole length of seed stems set with seed.

From "Kafir," published by The American Steel & Wire Co.



From a field that yielded 15 bushels an acre. Only two joints on main stem.

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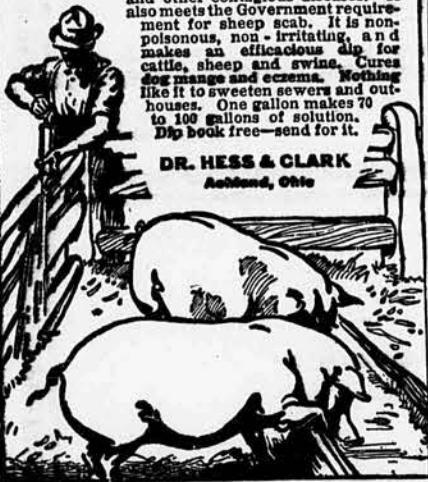
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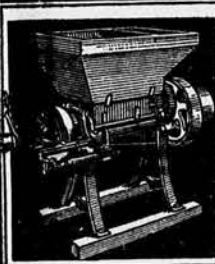
### Dr. Hess Dip and Disinfectant

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## The Farmers Mail and Breeze Stands For These Policies

FOR every measure in opposition to privilege and privileged classes, public plunderers, political corruptionists and grafters without regard to party.

For a strict application of the merit system instead of the spoils system in public affairs; for clean government as against partisan selfishness; and the elimination of all extravagant appropriations, useless boards and other political jobs.

For the strictest economy in public expenditures; and for the encouragement of public officials who respect their oaths of office and regard their campaign promises as a binding agreement between themselves and the people who elect them.

For less technicality and speedier justice in the courts. For the repeal of useless laws. For a system that will simplify legal procedure, make justice free in fact as well as in theory, to the poor as well as the rich; that will protect the rights of men from the wrongs of property, help the "down-and-out," imprison big thieves as well as little thieves, impartially enforce all laws, and insure a larger measure of popular government, of human welfare and social righteousness.

For the abolition of life terms for federal judges.

For better rural and grade schools for the benefit of the vast number of people unable to obtain the advantages of higher education; for more attention to the fundamental and practical in education; for free text-books, that education may in fact be free to every boy and girl in the land; for every measure that will develop the best type of manhood and womanhood.

For a more equitable division of the profits on farm products by the elimination of the grain gamblers, the beef trust and all other jugglers of the market, so that the producer and consumer will get more and the manipulators less.

For more effective organization and co-operation among farmers; for long term farm leases; a better system of marketing products; and legislation making credit readily available to farmers at a lower rate of interest.

For open school houses in every community; the encouragement of the social center idea; the protection of birds and dumb animals; the development of irrigation.

For good roads and a system that will do away with the wastefulness and inefficiency of present road methods.

For a single standard of morality and the complete and absolute abolition of white slavery and prostitution.

For a minimum wage scale for women and pensions for dependent widows and their children.

The Farmers Mail and Breeze stands for these policies hopefully and expectantly, with an abiding faith that the American people will abate these ancient evils, will right these age-old wrongs, and will put our Twentieth Century civilization on a higher and happier plane than any which has yet blessed or prospered humanity.

*Arthur Capper*

### More Reports on Feterita

FAVORABLE AND OTHERWISE.

Mr. Editor—Feterita is a grain of the kafir variety. It is pure white and twice as large as kafir. It yields in a dry year from 50 to 60 bushels an acre. It is planted, cultivated and harvested the same as kafir, and it will ripen in 70 days from the time it is planted.

The dry weather does not affect feterita, as it will grow and thrive in the driest and hottest weather. Every blade of it on my place is still green while everything else burnt up. I planted a patch on June 20, which matured without a drop of rain. I shall plant from 100 to 150 acres next season.

Atlanta, Kan. Church Price.

Nothing to Get Excited About.

Mr. Editor—For two years I have been testing feterita alongside of Jerusalem corn, dwarf milo, dwarf white kafir and other grain sorghums, in a trial plot. I cannot see that under our conditions on these dry uplands it is a variety over which anyone should make such ado. In 1912 dwarf milo excelled it at least five to one in the production of grain, under exactly the same conditions. Dwarf kafir surpassed it very much both in grain yield and the value of its fodder. Jerusalem corn made a much better yield that season.

This year the feterita made a much better showing, it being almost as productive as either Jerusalem or dwarf milo. I do not think it is to be compared with kafir as a forage plant. It is a durra, and much like the other durras as a fodder plant. The seeds are a very pretty bluish white. The heads ripen early and all stand erect. It is a very pretty plant, and I think this fact accounts largely for its popularity.

Feterita has been tested at the Chillicothe (Texas) Experiment station annually since 1908 and it has rarely surpassed the dwarf milo in productivity. In the majority of cases it has fallen several bushels an acre below dwarf milo in grain yield.

I think farmers should go slow in discarding dwarf milo, dwarf kafir and Jerusalem corn for feterita. I think, however, that it should be tested in a small way by at least one farmer in each community, for there might be a favored locality where it would be the most profitable crop to grow.

Garden City, Kan. H. Willis Smith.

A 9-Weeks' Drouth Didn't Hurt It.

We tried some feterita and are very much pleased with it. We think it beats kafir all to pieces. We had a nine-weeks' drouth but it didn't harm the feterita in the least. It is perfectly green now.

Some people made a mistake by using kafir plates in planting. They got a poor stand as the seeds are much larger than kafir seed. In order to have good success with feterita plant three or four grains in a hill, every six to eight inches. Plant and cultivate the same as kafir. Then you have something to fall back on when your corn has been burned up by the hot winds.

Silo men are very much pleased with feterita. One man who planted a few pounds of seed, now regrets that he didn't put out 80 acres of it. For young pigs, poultry, ducks and all farm stock it makes a fine feed.

Mrs. Maggie Clemens.  
Anadarko, Okla.

I read the Mail and Breeze every week and would not be without it.—H. W. Brown, 1610 Fremont Ave., Kansas City, Kan.

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# THE FARMERS MAIL AND BREEZE

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



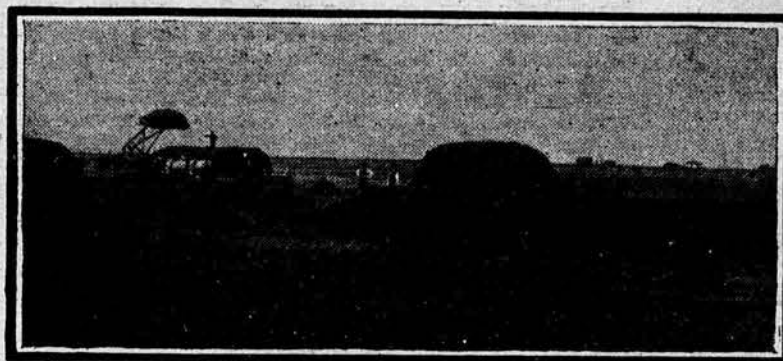
Volume 43  
Number 32

TOPEKA, KANSAS, OCTOBER 18, 1913

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## SWEET CLOVER FOR POOR SOIL

The Experiments  
and Experiences  
of Finney County  
Farmers . .



The Danger  
of Overdoing  
A Good Thing  
in Kansas

By F. B. NICHOLS, Field Editor,  
THE FARMERS MAIL & BREEZE

**S**WEET clover has a large place in the agriculture of Kansas, but there is danger that the crop will be overestimated. It is not the best leguminous crop for the state under all conditions. Where alfalfa and red clover will do well they usually will produce the most feed. The permanent place for sweet clover is on the poorer soils. Of course, with the present high prices for seed, the crop will give good returns on almost any soil, if there is a fair seed crop.

The community around Garden City, Kan., has been especially noteworthy in growing sweet clover recently. Milton Marshall, who lives three miles east of that town, was one of the first farmers in Kansas to advocate the growing of the crop. He threshed his first seed in 1907. He had 130 bushels in this lot, and got \$5 a bushel for most of it.

Practically all the sweet clover grown in the Garden City section is the white flowered variety. There is more of the yellow sweet clover in central and eastern Kansas. The seed yields have been good this year, as they are most years in western Kansas. Average fields have yielded from 4 to 5 bushels an acre, but there have been variations above and below this. The seed has been selling at from \$10 to \$12.50 a bushel. The quality has been especially good.

### MANY SYSTEMS USED.

The crop is sown in the Garden City section in an amazingly large number of ways. Most growers have methods all their own. Much of the seed is sown without any preparation of the ground, except to disk or harrow the soil after the seed is planted—and sometimes this is omitted. This method succeeds especially well when the crop is sown in prairie grass, with the intention of allowing it to kill the grass, which it usually will do. But it often fails, too, especially on the uplands.

"Careful preparation of the seedbed for sweet clover will pay well," said Mr. Marshall, who has had many years' experience in planting the seed. "We prepare the seedbed much the same as for alfalfa. It is absolutely essential that the soil should be firm—a loose seedbed will not do for sweet clover."

"We plow the land 4 inches deep just as soon as

possible after the spring grain crop is off, if sweet clover is to be sown in the fall. The land then is repeatedly worked with a disk and drag harrow until the seed is planted, which usually is about the middle of August. We never have had good success with seed sown after September 1. It usually will come up all right, but it can't make a good enough growth before cold weather to enable it to live through the winter.

"Ten pounds of seed to the acre is sown. The weight of the seed is 60 pounds to the bushel. It may be sown broadcast or with a drill, but it is important that the seed should be spread evenly, so that the stand will be uniform. We sometimes sow the seed successfully in the spring, and many growers prefer this time. As a rule, the best stands are obtained from fall sowings. It is important that there should be enough moisture in the ground to germinate the seed when it is sown—it is similar to alfalfa in this respect."

Sweet clover usually does not produce seed the first year. It does give one crop of hay, however. The yields of hay the first year never are large; they usually average about a ton an acre in the Garden City section but sometimes they are higher. Good pasture usually can be obtained in the fall, after the hay crop has been cut.

The second year is when sweet clover makes the profits. A hay crop—which usually gives from 1 to 1½ tons an acre—is cut about the first week in June, just before it blooms. It is essential that the cutter bar of the mowing machine should run high, from 3 to 4 inches, or the crop may be killed. If the cutter bar is lowered it clips the crowns, and this will damage the seed crop.

Sweet clover hay should be raked promptly, before the leaves have had time to shatter. If the hay is placed in windrows the stems and leaves will cure out together, for the leaves will continue to draw the moisture out of the stems. This is important, for the stems of sweet clover are large, and contain much moisture. Most of the hay around Garden City is raked with dump rakes, but side-delivery rakes give the best results. The stems frequently get caught in the teeth of the dump rake—they are

much worse about this than alfalfa or red clover stems. The hay usually is moved to the stacks with buck rakes. A loader will work in it.

The second or seed crop usually is ready to cut about the last week in August, although there is some variation from this. The exact stage of maturity at which it should be cut is a somewhat fine point to determine, for the pods do not ripen evenly. The best plan is to cut it just before the drier pods begin to shatter. This will cause the greener seeds to be somewhat smaller than they would have been, but it will prevent the loss of the more mature pods.

### CURING THE CROP.

Much of the sweet clover seed around Garden City is cut with self-rakes. When this is done men usually follow the machine and place several, usually five, of the bunches together, crossing them so they will dry more readily. The crop usually is left in the large shocks for about a week to cure, and it then is ready to stack or thresh. Most of the seed is threshed from the field.

The bunches generally are hauled on tight-bottomed sleds to the separator, as this method is economical so far as labor is concerned and there is a minimum loss of seed. The pods shatter badly even under the best conditions, and constant care is required all along the line, or there will be a big loss. It is best to have canvas spread under the self-feeder, to catch the seed that shatters off as it is pitched into the separator.

Most of the seed is threshed with ordinary threshing machines, for they have given better success at Garden City than alfalfa hullers. The hullers produce considerable lint as the straw goes through the machine. This lint gets mixed with the seed, and results in both going into the strawpile. All concaves are put into the separator and they are screwed up as far as possible, for it is essential that the plants should be well torn to pieces. All machines waste some seed, even when they are doing their best work, so it frequently is possible to get a stand of sweet clover on a field by spreading the straw over it.

(Continued on Page 25.)





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## The Farmers Mail and Breeze

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**CHARLES DILLON, Managing Editor.**  
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# PASSING COMMENT—By T. A. McNeal

## A Socialist's Answer

Since the issue of the Mail and Breeze of October 4 I have received a great many letters from Socialists scattered over Kansas and Oklahoma replying to my criticisms of certain theories of Socialism. Space will not permit the publication of all of these letters. I have therefore selected one which seems to me to be as able a presentation of the Socialist theories as any of those received, which reads as follows:

Editor The Mail and Breeze—I have been a quiet but interested reader of your comments for the past three years, yet nothing you have heretofore said has brought me to the point of wishing to make a reply.

However, in your reply to the inquiries of A. A. Horner, Sycamore, Kan., where you present a very fair statement of some of the aims of Socialism and a remarkably kind defense of Socialists, you go on to mention some of your objections.

I beg to say, that, while you evidently desire to be fair, you persist in getting your wires crossed as it were. You remind me of my first efforts at speaking Spanish; I had to think in English and speak in Spanish.

Evidently you try to make a future state of things proposed square with the present state of things that is. A thing lost sight of too often, even by Socialists, is the word and its meaning—co-operation. Co-operative ownership of things used publicly—democratic control; private ownership of things used privately—individual control.

Under complete Socialism, should a man desire the use of a horse or automobile and his more industrious neighbor wished to charge a fee sufficient to pay preventing it. But the first man would be foolish to pay use and interest rates combined when he could go to the public garage or stable and secure an auto or a horse for its use value alone.

Under Socialism a man would have no more right to use his neighbor's things without compensation than he has now and a man wishing to charge profit, rent or interest on things he owned could go the limit if he wished, if he could find anyone foolish enough to pay it, in view of the fact that the public could and would furnish every convenience at cost.

Individuals could not compete with the public in things the public had use for and owned, therefore the individual would be compelled to use his horse, his auto, his pocket knife and smoke his own cigars or else accept what the public charged for similar things.

No Socialist or set of Socialists, so far as I know, has a plan worked out by which a bushel of wheat will be valued in the "sweet by-and-by." My dear Mr. McNeal, do you reject the Christian plan of heaven just because you don't know how you are going to get there? As to the problem of what going to get there? As to the problem of what each laborer should have for digging Panama's ditch, will say we are both agreed that they should get the full value of their toil and I think we will both agree again when I say they haven't or won't get it. I do not see how one could arrive at each one's earnings, including Colonel Goethals's for he is a laborer also, but I'm for it just the same and, as nothing but perpetual motion has yet been able to stump man's genius, I believe such a problem is workable.

Do not become alarmed that Socialism will work injustice and harm. Socialists hope that every man and woman can and will be benefited in a co-operative commonwealth. Such a state can come only when a majority so decides. Then all these seeming impossible questions will come up for solution.

We cannot decide how things will be in the future but our present duty is to see what ought to be done and set about finding ways and means to do it. The Socialist party offers the way; the means must certainly be found by an earnest, honest, persevering majority of the people of this and all nations.

FRANK EBERSOLE.

The first thing that strikes me in this letter, and I may say that the same difficulty appears in every letter received, is the lack of any plan to bring about the Utopian condition hoped for, coupled with a blind faith that somehow and some time the condition will be brought about.

"I do not see how one could arrive at each one's earnings," says Mr. Ebersole, "but I'm for it, just the same."

It occurs to me that a man who would undertake a business enterprise without having at least a fairly definite idea as to how the business is to be conducted would not be considered a very safe man to entrust with the management of the business.

If a man should come to Mr. Ebersole and ask his assistance and co-operation in organizing a business enterprise I imagine that one of the first questions Mr. Ebersole would ask would be, "What is your plan? How do you propose to go about carrying this enterprise into effect?"

And suppose the man should answer, "I have no plan. I am not bothering myself about plans. I do not know how it will work. Don't see how it can work in fact, but I'm for it anyway."

It is my judgment that as a reasonably prudent man, Mr. Ebersole would say, "Well, I believe that

you may count me out for the present. When you can come to me with a plan that at least seems to be reasonably definite and likely to succeed I will consider it."

Mr. Ebersole asks me if I would reject the Christian plan of heaven just because I don't know how to get there? No, but the believer in the Christian heaven does point out a very definite way by which he thinks I can get there. Suppose the Christian however, should go to the unbeliever and describe to him a glorious heaven, a place of supreme justice and happiness. And then suppose the unbeliever, becoming interested, should say, "That would certainly be a delightful location. How am I to get there?" And then suppose the Christian should answer, "Well, I don't know how you are to get there. I am not bothering my head about little details of that kind." What do you think the unbeliever would say to that?

Mr. Ebersole says that I get my wires crossed. Possibly so. Will not a little candid examination show that possibly he has his own wires crossed? Let me quote his definition of Socialism. "Co-operative ownership of things used publicly—democratic control. Private ownership of things used privately—private control." But a little further along he says that a man would be foolish to pay rent for a privately owned horse or automobile when he could go to the "public garage or stable and secure a horse or an auto for its use value."

Just what Mr. Ebersole means by "use value" I do not know, but the point is that the public will own all of these things which may be privately used. As all profit is to be eliminated there would of course be no private manufacturing plants, therefore all manufactures would be owned and operated by the commonwealth. It would seem then that there would be no kind of property that would not be owned by the public. Under this arrangement the public would own and operate all the sources of supply and inevitably become the sole employer of labor. Maybe this would not lead to communism, but it seems to me it would be dangerously near it.

There is one sentence however, in Mr. Ebersole's letter with which I at least partly agree. "We cannot decide how things will be done in the future, but our present duty is to see what ought to be done and set about finding ways and means to do it."

It is true that no man is wise enough to look into the future and tell with any degree of certainty what lies within its shadows. It is true also that the future holds possibilities that with our present knowledge seem utterly impossible. But our steps must be guided by the lamp of experience. We cannot ignore the lessons of the past and plans for the future must take into consideration the conditions of the present. I fully agree with that part of Mr. Ebersole's sentence which says, "Our present duty is to see what ought to be done and set about finding ways and means to do it."

It is through the clash of ideas that we make progress. It is through the interchange of opinions that the human intellect is sharpened even as "iron sharpeneth iron." I have faith to believe that the ultimate destiny of the race is to be a condition vastly better and juster than that we now have.

Progress is an evolution that moves forward with a slowness that seems discouraging to us short-lived mortals but we forget that to the Supreme Architect of the universe a thousand years are as one day and that the ages are His.

I have tried to point out some of the things in the Socialist philosophy which seem to me to be impractical and unworkable, but I do not do this in a spirit of dogmatism, for I recognize the limitations of my own understanding. I know that intolerance and bigotry have been tremendous hindrances in the way of human progress.

I shall have no quarrel with Socialists. I recognize the fact that among them are some whom I think are wild, unreasonable fanatics, some who are moved by ignoble and selfish purposes, but on the other hand a good many who are men of great intellectual power, earnest students, imbued with love for their fellowmen, and that their agitation has done and is doing the world good.

## A Suggested Plan

One very intelligent Socialist who takes exceptions to my editorial of October 4 winds up his letter with this question in substance: "You do not think that Socialism would work in practice, then what is your plan?"

And that is a most proper question to ask. I have

not much patience with the person who does nothing but object and find fault. Reasonable objections are a good thing and fault finding that is honest is a good thing, but it is idle to be continually knocking on what is or continually finding fault with a plan suggested by another unless you are at least ready to suggest a plan yourself that will probably improve conditions.

I do not pretend for a moment to be possessed of the wisdom to look into the future or to organize a system of society that will eliminate all the evils we have to endure now but I do have some ideas that I think might improve conditions if they were put into operation.

First, I hold that the proper purpose of government is as far as possible to protect the weak from the encroachments of the strong. Unfortunately, human governments have always failed in part, and often wholly failed, to perform this proper function. The reason for this is not hard to find. Most governments have been organized by the strong, the powerful property-owning classes, and they have fashioned laws and constitutions that were intended to protect the interests of their own class. That is the reason why rights of property have received more consideration in constitutions and laws than rights of persons.

In the beginnings of government the masses were almost helpless although they possessed sufficient power in the aggregate to have overthrown at any time the privileged few, but they were disorganized and ignorant and utterly unable to use the power they possessed.

As education has gradually spread among the masses their struggle to obtain the rights that justly belong to them has constantly grown more systematic and more powerful, but there is yet a lack of organization and complete understanding as to what their rights are or how they may be obtained. This lack of understanding often leads them astray and causes them to follow, at least temporarily, the lead of demagogues who are men of little or no constructive ability but who have a capacity for emitting words and sounds that often pass in the minds of the unthinking for profound wisdom and finished statesmanship.

The masses will never secure their proper share of the benefits of government until at least a majority of them have attained a degree of intelligence and education that will enable them to understand what they need and how to obtain it through governmental agency.

There are two things that I think should be kept constantly in mind in working out a plan for an ideal government: One is that there should be the greatest freedom of opportunity consistent with the just principle that the strong should never be given freedom of opportunity to exploit the weak and second, that the government should not only be the instrumentality through which the weak are to be protected from the selfish encroachments of the strong and unscrupulous, but also the instrumentality through which certain services can be better performed in a public way than in a private way.

Those things which are in their very nature monopolistic should in my judgment be performed or carried on through the public service for the reason that it seems to me to be contrary to what I conceive to be the first principles of just government that the few should be able to monopolize and control what all must have in order to live and prosper. As there cannot well be, for example, two waterworks systems in the same town and the people are compelled to use water, the waterworks systems should be owned and operated by the people through their local government.

The same rule applies to street cars. As in our modern civilization rapid transportation is necessary to the transaction of business and the comfort and happiness of the people, and as it is impossible for individuals to construct and operate their own railroad lines, railroad transportation is in the nature of a monopoly and should therefore, in my judgment, be owned by the people and operated by the government at cost and without discrimination in favor of any locality or individual.

As land is as necessary as water or air to human life, it is wrong that land should be monopolized by a part of the people. In the beginning the government should have retained the title to all of its lands and have permitted only the right of user to individuals, but as that policy was not adopted it would now be a great hardship to absolutely destroy private ownership in land. Laws should be put into



operation that will prevent the monopolization of the lands of the country in the hands of the few. If private ownership were limited to comparatively small tracts the same practical effect would be obtained as if there were no private ownership.

I would therefore favor a graduated land tax that would relieve the owner of the small farm from most of his burden of taxation and make it unprofitable to hold large areas of land. I also think the plan of co-operative farming suggested by Mr. Ferris of Osage is entitled to serious consideration.

As it is impossible in these days to transact business by direct barter, money is necessary as a medium of exchange and in my judgment that is the only proper function of money. Business is done now by an exchange of credits, but we still hold to the archaic theory that these credits must be redeemed in one particular kind of money and that must be gold. Every business man recognizes the utter impossibility of doing this in practice and furthermore few if any want the gold if they could get it, but upon this narrow foundation have we built up the vast structure of business.

To build a wide house upon a narrow foundation would be to invite certain disaster and the architect who would plan such a structure would be considered insane or a fool and yet our supposedly wise men persist in arguing for a system that piles 40 billions of credit on a foundation of less than 2 billions of dollars in gold. The result of such a system is certain to bring widespread disaster every time the public confidence is shaken.

The confidence of the people in such money as we have is bottomed on their confidence in the government. If it were not for the stamp of this and other governments on gold, making it money, it would rapidly decline in value and soon cease to be used at all as a medium of exchange.

As money is necessary to the well being and happiness of every citizen of the United States and as its sole purpose is, or ought to be to facilitate exchange of commodities, or labor in some form; and as there must be a uniform standard of exchange value in order that business may not be disturbed, money then becomes a necessary monopoly and should not be controlled by private individuals or corporations.

The government has the power to coin money and regulate the value thereof and should exercise that right not for the benefit of banks or individuals but for the benefit of the whole people. It is preposterous that the government should delegate its power in this respect to private individuals and then borrow back the credit it has given to them and pay interest on the very thing that it has the sole power to issue.

There should therefore be no government interest-bearing debt. The government should not be run for profit, nor should it have a deficit. Its expenses should not exceed its income nor should its income exceed its expenses. It should pay its expenses with non-interest-bearing government notes and these notes should again be received in the way of taxes into the United States treasury. Such currency as is needed to facilitate exchanges among the people should be furnished by the government at cost.

As fast as present municipal bonds fall due, if the municipality is not prepared to pay the obligation it should be permitted to issue its bonds to the government, deposit the same in the United States treasury and receive currency thereon, a full legal tender for all debts public and private. The bonds should bear a rate of interest that would pay the cost of issuing the currency and distributing the same. This interest would certainly not exceed 2 per cent per annum and I think less than that would be ample.

When I speak of cost I mean to include the cost of paper, engraving and engravers, machinery and all the skilled labor necessary in printing and distribution.

A proper function of government is also, as I think, to see that all have opportunities for labor at remunerative wages. I would therefore have the government engage in such useful public improvements as the building of roads, the improvements of rivers, the drainage of swamp lands, the irrigation of arid lands, etc., to the extent that every citizen not engaged in some private enterprise might find employment on the government work.

I would not discourage private enterprise nor would I favor a system that would, as it seems to me, eventually and inevitably make the government the sole employer of labor, but I would have the government stand between inordinate private greed and its victim so that no person able and willing to work would be forced by hard necessity to labor for wages insufficient to support him and those dependent on him in reasonable comfort.

Of course there is a multitude of details to be worked out in putting these general ideas into operation.

### Favors a Standing Army and Navy

Editor The Mail and Breeze—All human government is faulty, that's why the anarchist wants to destroy all government. Our army and navy are not what they ought to be and so you and a lot of other men would abolish both. When news is scarce editors figure out how many miles of roads the expense of the army would build. This may be true but I can think of a lot of other ways in which

we squander a good many homes, fool away a good many trainloads of flour and waste many thousand miles of good road. I take space to name but one.

Our national drink bill, our disgrace and destruction, is many times what we spend on our army and navy, our "peace insurance."

I have been told that a good many Spaniards were praying to the just God of Nations at the time Admiral Dewey said, "You may fire when you are ready, Gridley," but the just God of Nations didn't say anything to Gridley. We had the usual egotism of the victor to claim that God helped us kill those poor, proud, defenseless misgoverned, human creatures.

You speak of civilized nations but civilization is comparative, a thing of degrees, and not a finished art. Europe's policy of territorial extension and acquisition has not changed in 200 years.

You have said that any one of half a dozen powers in Europe could lick us most any time. Will you please explain why they don't?

You speak of "Christian" nations. Who have you got on that list?

Have you noticed that a certain degree of civilization, a certain amount of ambition, makes people more war-like? Do you know of a nation that was peace-loving and unprepared for war at the same time that didn't get scooped by a more ambitious and less civilized neighbor?

The fact that the early settlers took their muskets to church did not make them murderers. "Pray, but keep your powder dry." Occasionally the lion and the lamb lie down together, but only the lion gets up.

I agree with you heartily that war is an awful crime, beyond the comprehension of the average man but if war is ever forced upon us either by some mistake of our own or through the design of a set of selfish men—a reasonable preparedness should enable us to save a vast number of human lives because it is so much cheaper in human lives and money to "be ready" for war than it is to "get ready."

The army can and should be made self-supporting, spend less time on brass buttons and shined shoes and produce something useful. Some of the ships in the navy could do much useful work such as carrying mail and valuable freight, for which the government is paying a lot of money.

Improve the army and navy as you would other lines of our government but don't "chop up" the big stick.

ADAM YAKEL

I think that if Mr. Yakel will refer again to what I said regarding nations he will find that I used the adjective "alleged" before the word Christian. In my opinion there are no nations that are really entitled to be called Christian.

Neither would I object to a standing army built up and conducted on a plan that I have several times outlined and advocated. In fact I believe that an army could be organized that would not only pay or very nearly pay its way, but in addition to that would be a most useful institution in time of peace and of incalculable benefit if ever there should be a war forced upon us.

I would change the whole army system which I consider un-American and of untold damage to this government, to say nothing of the vast expense of keeping it up. I would make the regular army the greatest and most practical school in the world, a school in which every American parent who wished to see his son get the best mental and physical and practical education possible, would be glad to see that son enrolled.

The regular army under the system I suggest would fill the country with efficient men and patriotic lovers of their country, instead of as now filling it with hunted criminals and men driven by their experiences to hate their government.

I would abolish the military academy at West Point which is calculated to create a military aristocracy, and make all promotions from the ranks. I would abolish punishment for desertion in time of peace and permit any soldier to resign from the service if he so desired.

Drunkenness, immorality or lack of attention to duty would be followed by dishonorable discharge. For the commission of serious crime the soldier would be given the same kind of trial as the civilian.

A complete course of study would be laid out covering a period of six years and every enlisted man would be enrolled as a student in the course. There would be a reasonable amount of military drill intermixed with reasonable hours of study, work and recreation. All promotions would be from the ranks and on merit. No soldier would be permitted to continue indefinitely as a private, the object being to educate as many as possible of the young men of the country and to discourage the idea of becoming simply a professional soldier.

The present social distinctions which make the private soldier constantly feel his inferiority and put him on a social plane but little higher than that of the convict, would be entirely abolished and except when on duty, the private would meet his superior officer on terms of perfect equality.

So I imagine that Mr. Yakel and myself are not so far apart as he may think. I regard our present army system as little short of infamous but I also recognize the fact that it is possible we may

*It is your duty to watch the public business as closely as you watch your own business. If every citizen will do that, we will soon have genuine rule by the people.—ARTHUR CAPPER.*

some time have to fight. I would prepare for such an exigency, but the means by which I would prepare for it would improve our citizenship instead of creating a lot of military snobs and aristocrats on the one hand and dissatisfied privates ready to desert at the first favorable opportunity on the other.

### Give It a Fair Trial

Now that the tariff bill has become a law I am most decidedly in favor of giving it a fair trial. There may be those who for purely political reasons would be glad to see it fail and business depression spread over the land, but such a person is not as good an American and patriot as he ought to be. We want prosperity, not failure.

### Truthful James

"Things are certainly growing out my way," said Truthful James. It was all-fired dry in this section up to the first of September, however. The ground cracked open in places 25 feet deep. One of my neighbors just cemented up a crack and has the finest cellar in this part of the country.

"There were some accidents on account of the drouth and hot weather. Jabez Smart had in two acres of popcorn which looked like a prospect for a fine crop. It stood the drouth and hot weather well and developed good ears. Just as it was getting ripe a lot of his neighbor's hens got into the patch and ate their fill of that popcorn and then, satisfied and indolent, they sat round on the sand with their wings spread out after the manner of hens.

"In a little while the sun shinin' down on them hens got in its work and the corn commenced to pop. At first the hens didn't understand it at all. They looked at each other reproachful like, as much as to say, 'What's the matter with you anyway?' The corn got to poppin' faster and faster and it was really a curious sight to watch them hens. In a little while it finished them, however. They all swelled up and busted. An hour after the owner came to look for his hens and found every one of 'em busted wide open and surrounded by popped corn."

"Jim Pixley hez a dog that is the limit for laziness. Well, durin' the dry spell that dog sat down right on the edge of one of the dry weather cracks and let his tail hang over. He was sittin' that way when it commenced to rain. At first the dog seemed to enjoy the change of weather immensely. His hide hadn't been soaked for so long that I reckon it felt good to him.

"But all at once I heard him give an awful howl and jump up as if he wanted to run away, but couldn't do it. I went to see what was the matter and there I found that the crack had closed up on that blamed dog's tail and was a holdin' him fast.

"The dog was terribly excited and anxious to get away from there. So I took a scythe and mowed his tail off even with the top of the ground and left the tail stickin' in the place where the dry weather crack had been before the rain. For some days the dog looked mighty queer goin' round without his tail, and also seemed to be more or less ashamed about it, for the fact was that his tail had been his chief pride.

"But that wa'n't the most curious thing that happened. Four or five days after this accident to Jim Pixley's dog I was strollin' out across the country when I saw what looked like about a half grown pup sittin' out there in the field. I went over to see about it and blamed if there wa'n't a new dog growin' up from that tail of the Pixley dog that I hed left stickin' in the crack. The pup was growin' pretty well but he wa'n't gettin' proper nourishment.

"I got a spade and dug the tail out of the earth and led the pup to where there was some milk. He is doin' fine at this writin'."

"Since the rain things hev grown as I never knew them to before and there hez been a good many queer things resulted. For instance, there is Lige Gamble, who never takes a bath between rains nor ever washes his neck and ears.

"Durin' the long dry dusty period Lige accumulated a great deal of soil that was blowed about by the winds, in his ears and on his neck and along with it considerable grass seed of one sort and another.

"Two days after the rain Lige's neighbors noticed that he was gettin' green around his neck and ears. They couldn't understand it till one of 'em got close enough to make an examination and discovered that a bunch of alfalfa was growing out of one ear and fourteen stalks of millet out of the other, while there was a fringe of young timothy sticking up around the collar of his shirt.

"You see Lige had got caught out in the rain and got soaked to the skin.

"Generally speakin', things are a lookin' mighty prosperous round here now."



# Royal Show Was Large

Breeding Cattle Attracted the Most Attention

BY TURNER WRIGHT  
Livestock Editor.

THE fifteenth American Royal Livestock show at Kansas City, opened Monday morning last week under a clear sky. The day, however, was a little warm for the best comfort of the stock on exhibition. The remainder of the week was cooler and good weather prevailed. The opening day of the fair and the first night of the night horse show brought out the largest crowds in the history of the Royal.

The prize winners of other shows and state fairs come together at the American Royal to fight for positions of honor in the greatest show of breeding stock held in the Middle West. The ribbons and trophies won here are always highly prized by the winners. A spirit of fairness is always in evidence, and it is this spirit that has made the Kansas City stockyards show a success. The ratings made here may not accord with those made by the other judges at other fairs, but the winning candidates are usually successful in other shows. The fact that the first prize animals here are able to hold their own in that final court of arbitration, "The International," is proof of the kind of judgment rendered and the character of the opposition met and defeated in the show ring here.

## It's a Busy Week.

The interest taken in the constantly changing classes as they are brought into the arena, and the way in which the winning animals are studied by the throngs that visit the show is reflected to the surrounding country, and later shows itself again in the character of the stock raised on the farms from which the visitors came. It is here that the plans for the future are made and often successfully put into operation, for every year an immense amount of business is transacted during the Royal week. As the visitor studies the prize-winning animals and the ratings made by the judges, he decides wherein he has failed or how he can improve his own flocks and herds and the methods of handling them. Many a successfully developed or improved herd has thus been the result of a visit to the stockyards show.

The American Royal this year was a success from practically every view point. The dry weather of the past summer did not seem to have much effect on the show, either in the number or the character of the entries.

## Who Pays? Is It the Dealer?

Who pays for the advertising? Is it the retail dealer from whom you buy? Let's see.

You read the manufacturer's advertisement. You like the sound of it. It rings true.

You see by the dealer's own advertising that he is selling that article. So you go to him and get it. The ad has helped him to make a sale to you—but that isn't all.

If you like the article, and the chances are ninety-nine to one that you will—you'll keep on buying it, and you will naturally associate it with that dealer, and continue to buy it from him, and also other things at the same time.

So it serves to give him steady, dependable patronage. It gives you confidence in the quality of his goods—a knowledge that you are getting value for every cent of your money when you buy from him. If he makes a smaller profit on each sale than he would on unknown, unlabelled goods, he sells more and his total profits are greater, and he is more sure of making a success of his business.

No, advertising is not paid for by the retail dealer who sells the advertised goods.

The night horse show was one of the features, and it drew large crowds. Entries from the stables of Miss Lula Long of Kansas City, Mo., O. J. Moores of Columbia, Mo., Matlock & Shropshire of Winchester, Ky., J. A. Tapp of Platte City, Mo.; J. T. Harris, Columbia, Mo., and Houchin & Anderson, Jefferson City, Mo., came together in royal competition and much lively interest was manifested in the decisions of the judges. This was by all odds the best show of light horses ever presented to horse show visitors at the American Royal.

## Fine Horses Were There.

The draft horse exhibit, from the standpoint of numbers, was hardly in keeping with other years. A number of home breeders, however, were exhibiting horses of good quality, and several excellent individuals were seen in the show ring. The Percheron Importing Company of South St. Joseph, Mo., was the only importing company on the grounds, and it had a high class lot of horses on exhibition.

The show of mules was as good as has ever been made at the Royal. It is doubtful if a better class of yearling mules than that brought before the judge in this show has ever been led into any show ring in America. The quality of all the mules exhibited at all the state fairs and shows this fall clearly demonstrates the growing interest that is being taken in the production of high class mules, and the improvement that is being made in the jack stock of the country.

The show of hogs was hardly in keeping with that made at many of the state fairs this fall. The quality of all the entries was good, but the number of entries fell far short of what a show of this standing should bring out. Much interest was manifested in the display, and considerable business was transacted by the breeders.

The poultry department received its full share of consideration. This division of the show is growing in popularity from year to year. More than 600 birds, coming from the flocks of 50 exhibitors, were shown. All the leading breeds were well represented.

The chief interest of the show was centered in the display of breeding cattle; the Herefords led in this division with the largest and best showing the breed has ever made at the American Royal. Good herds came from eight states, and some of the best representatives of the breed coming from the best herds in the land were on exhibition. The cattle shown by W. J. Davis & Co., of Jackson, Miss., made up one of the best herds of this breed on the ground. This herd, coming as it did from a section that corn belt farmers generally consider outside the beef producing district, was, because of its outstanding merit, a constant source of surprise to the visitors.

The Shorthorns ranked second to the Herefords with many good herds of high class cattle on exhibition. Practically all the best herds of this breed that have been shown on the state fair circuits this season were represented here. The classification for junior yearling heifers brought out one of the strongest classes of heifers of the entire show.

The show of Angus cattle, while not so large as that of the two leading breeds, was of equal quality, and compared favorably with other shows of past years. Five herds were represented in the competition.

The show of Galloway cattle was not quite so strong as was expected, for but two herds of good cattle were shown. These herds came from the Capital View ranch, Silver Lake, Kan., and the farm of C. H. Hechtner, Chariton, Ia.

The representation of all the breeds taken together, made a splendid showing of beef breeding cattle, and argues well for the future of the beef outlook. Here are the championship awards:

## CATTLE

Interest centered, as usual, around the big awards in the cattle division. The champions were:

### Shorthorns.

Grand champion bull—Anoka Farms, Waukesha, Wis., on Sultan Stamp.

Grand champion female—Anoka Farms, Waukesha, Wis., on Maxwellton Missie 2d.

### Herefords.

Grand champion bull—O. Harris & Sons, Harris, Mo., on Prince Perfection.  
Grand champion female—Warren T. McCray, Kentland, Ind., on Perfection Lass.

### Angus.

Grand champion bull—W. A. McHenry, Denison, Iowa, on Erwin C.  
Grand champion cow—W. A. McHenry, Denison, Iowa, on Blackcap McHenry 88th.

### Fat Galloways.

Aged steers—1, University of Missouri, on Woodland.  
Yearlings—1, Kansas Agricultural college, on Medalist; 2 and 3, University of Missouri, on Grayland and Starland.

## HOGS

The grand championships in the hog division gave general satisfaction. The awards were:

### Poland Chinas.

Grand champion boar—A. B. Hale, Cameron, Mo., on Missouri Lad.  
Grand champion sow—W. Z. Baker, Rich Hill, Mo., on Hadley's Beauty 2d.

### Chester Whites.

Grand champion boar—H. L. Bode, Friend, Neb., on Bode's Combination.  
Grand champion sow—J. A. Buxton, Nelson, Mo., on Buxton's Gem.

### Bershires.

Grand champion boar—Iowana Farms, Davenport, Iowa, on Baron Premier Rival.  
Grand champion sow—George W. Berry & Son, Topeka, Kan., on Rockwood Lady 52d.

### Duroc-Jerseys.

Grand champion boar—J. L. Taylor, Olean, Mo., on Whiskey Faith.  
Grand champion sow—C. W. Finley, Otterville, Mo., on Dottie Queen.

## HEAVY HORSES

The draft horses always receive a large share of the public appreciation. The principal awards were:

### Percherons.

Grand champion stallion—C. R. Kirk, St. Joseph, Mo., on Joel.  
Grand champion mare—P. G. McCulley, Princeton, Mo., on Galte.

### Belgians.

Grand champion stallion—Lew Jones, Alma, Kan., on Medor.  
Grand champion mare—Lew Jones, Alma, Kan., on Mona.

### Clydesdales.

In the Clydesdale classes, F. L. Crosby of Mexico, Mo., was the only exhibitor, and took all the awards.

### Shires.

In the Shire classes J. D. DeTar of Spring Hill, Kan., was the only exhibitor, and took all awards.

### Mules.

Aged mules—1, 3 and 4, C. S. Hiles & Son, Norborne, Mo.; 2, William Motherhead, Parkville, Mo.  
Mule foals—1, Everly & Son, Coffey, Mo.; 2, J. W. Link, Linkville, Mo.; 3, Smith & Wilhoit, Gashland, Mo.

## Need Any Seed Corn?

Mr. Editor—I notice in the Mail and Breeze that Kansas grown seed corn will be scarce for the 1914 crop. I have from 700 to 800 bushels of the 1912 crop pure Boone County White, that has been sheltered well, and is extra good for seed, testing better than 95 per cent this year.

If I can sell enough of this corn for seed to pay to hold it, I will sell it that way. If those wishing seed will let me know their wants, will gladly state prices through the Mail and Breeze.

Linwood, Kan.

## Train a Vine Up the Silo

If you have ever seen one or even a picture of one, you know how beautiful an ivy or vineclad tower looks in a landscape. If you have a concrete silo on the home place, you have as great an opportunity to make it "picture-skew" and beautiful by training a vine up one side of it, such as a wistaria vine, a trumpet creeper, or even a moon vine, or the good old fashioned Madeira vine. Mention this to the women folks and let them try it next spring. It is just such touches as these that make the home place beautiful and the folks who stay there proud to live on it.

The Mail and Breeze is the best paper we take. We get two dailies but when the Breeze comes along the dailies are laid down until it is finished.—F. A. Huff, Savonburg, Kan.

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Here is the most unique, popular novelty of the year—a nifty little leather holster and metal gun, an exact duplicate of a "45" Army Colt, with bright polished barrel and cylinder, black handle. Gun 2 1/4 in. long. Holster 2 1/2 in. long, genuine leather, tan color. Makes a neat appearing and serviceable watch fob or can be worn on belt as ornament. Worn by men, women, boys and girls. The one real western novelty. Sold in big cities at a high price. Send 10c to pay for 3-months trial subscription to our big farm and home magazine and receive the **COWBOY WATCH FOB and GUN** free. Address, **VALLEY FARMER, Dept. Fob-14, Topeka, Kan.**

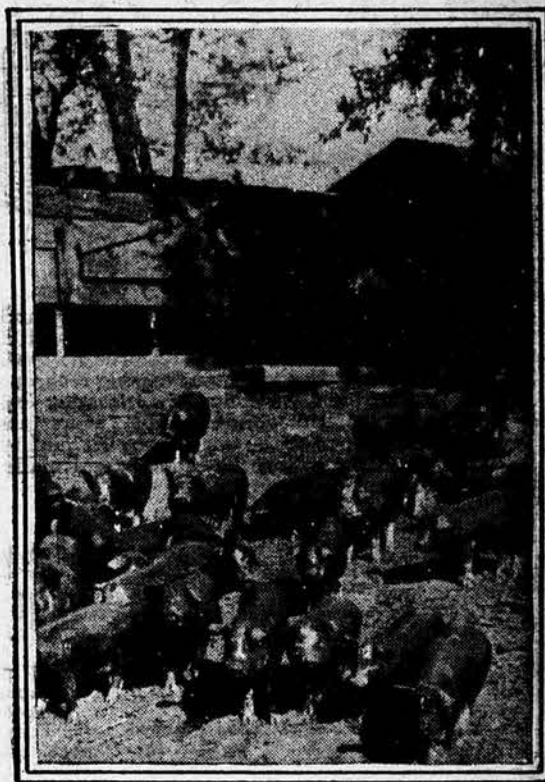


# HEALTH FOR LIVESTOCK



## CLEANLINESS—PREVENTION—THESE MEAN PROSPERITY FOR YOU ~

By  
Dr. F.W. CALDWELL  
Dean  
St. Joseph Veterinary College



**I**F WE estimate a farmer's investment at the actual selling value of his farm we find only an occasional farm that pays an adequate dividend on the investment. There are farms, however, in every community—well managed properties—that pay a good return. Management is the keynote of success.

These farmers adopt progressive methods. You will find them eager to learn. The importance of the livestock industry is no new theory to them. They know that no agriculture will be either permanent or permanently profitable unless livestock is combined with it. Not only is there the direct profit incident to converting bulky, unsalable products into concentrated, marketable, high-priced meat products, but the continuous cropping of land without the return of fertility eventually will cause an unprofitable return. The returns for the breeding of high grade livestock never have been better than at the present. There never has been a time when the average stockbreeder could get improved blood to improve his herd with as small relative outlay.

Disease in connection with improved livestock assumes a more important aspect, however, than is the case with grades. A purebred animal deteriorates rapidly unless kept under as nearly ideal conditions as possible. It has been said that there is more in the breed of the corn crib than in the breeding of the animal, and this is in a large measure true. At least, improved animals to maintain their quality and make the proper returns must have a liberal allowance of nutritious food. The man who gives his herd the attention necessary for their improvement is not going to neglect such other important phases as shelter and protection. These added attentions simply have the effect of putting the animal under an artificial condition which tends to lower his vitality. The improved animal has been improved with the whole idea of making him return a greater profit on the food consumed.

Another feature that must be considered in relation to the health of animals is that almost all infectious diseases become more prevalent and more severe in character, the longer a community is settled. Let me cite you to the comparative freedom of hogs from hog cholera in the sparsely settled regions of the West and of the small per cent of tubercular cattle coming from the open ranges. The two chief reasons are the additional opportunities for infection when animals are brought together in large numbers and on closely adjacent farms, and second, to the accumulation of infectious material around constantly inhabited premises.

Because of the fact that a great share of this loss may be prevented makes this a subject that may well engross the attention of progressive stockmen who take a leading part in their community's af-

fairs. For instance, there are diseases which appear, apparently, spontaneously, affecting probably only a single animal in a herd. This class of diseases is spoken of, as a sporadic disease and is caused chiefly by injudicious watering and feeding and by placing animals in unsanitary environments with regard to atmosphere, water, air, light and temperature. It is not a matter of luck that some breeders escape this class of diseases while others have their animals affected, but simply a matter of judgment.

The second class of diseases is known as infectious or contagious diseases, the cause of which is a specific infective substance usually a micro-organism. No condition of feeding or handling animals can produce this class of disease without the specific cause, though of course, unsanitary conditions may so lower the animals resistance to infection that they will be more readily infected. Infective material as we have said usually consists of micro-organisms or bacteria which are minute living plants. As the natural habitat for corn to propagate is a rich, moist soil, so the proper soil for the development of these organisms is the tissues and tissue juices of an animal susceptible to this particular disease.

When infection enters an animal it develops and propagates until, when a sufficient number has developed, the disease is produced. During the course of the disease and even before this, the organisms are constantly being eliminated from the animal. Should these come in contact with other susceptible animals they again produce the disease. In this way disease is disseminated through a herd or from herd to herd. It is not necessary usually for this infective material to be carried directly from one animal to another. It may remain outside the animal body for a considerable length of time though in most cases it does not grow outside the body. These organisms vary in their resistance to destructive agents, although as a general rule, sunlight is very destructive to bacteria while a dark, warm, moist environment preserves them for a longer time.

Infective organisms are eliminated from infected animals in their expectoration, in their excrements, their expired air and from their decaying carcasses. Infection may enter an animal's body either through wounds on the exterior or interior, through the bites of insects or other parasites, through the digestive, respiratory or other mucous membranes. It may be carried from animal to animal by parasites, air current, infected food or water, contaminated soil, harness, feeding places, combs and brushes, the attendant's person or in numerous other ways. A short time or a considerable time may elapse between subsequent appearances of the disease. Agents that may carry infection from one herd to another are rodents, dogs, birds, stray animals, wheels of vehicles, the feet of attendants, infected feed, or fertilizer, railway cars, running streams.

Some considerations in minimizing infectious disease would include in the first place, abundance of pure air. It is not advised to expose animals to the vicissitudes of a region's climate at all times but the animal that has the privilege of outside air and sunlight stands a better chance of escaping infection than has the stabled animal. One of the first

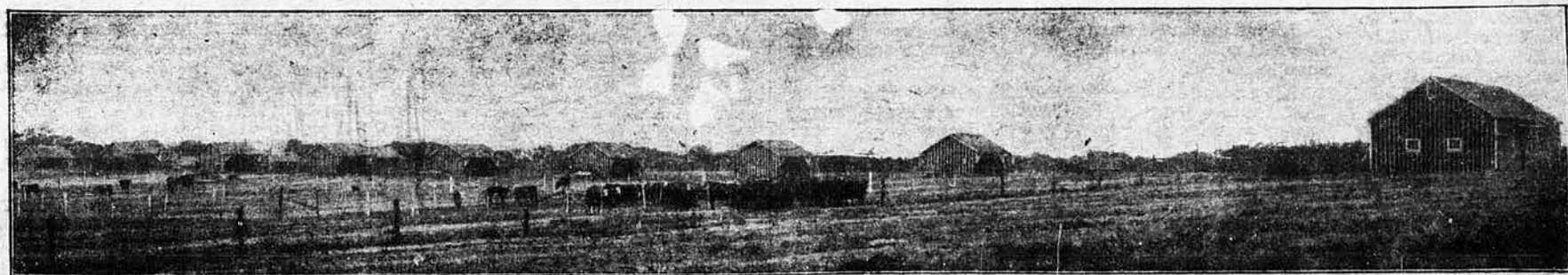
considerations in the construction of a stable should be light and ventilation. The next should be the immediate and proper disposal of all material that may be infected. This will include the careful and complete removal of all excrements and accumulating litter as corn cobs, stalks, straw. I know of no better way than to scatter this material thinly over fields that the sunlight may act upon it and later it may be covered with fresh earth. Next comes the disposal of dead animals. There is but one acceptable way and this is by burning, including the hide.

Next in order, we may consider police control. All herds and premises where infection exists should be rigidly quarantined to prevent the spread to non-infected herds. This quarantine should include all animals from the infected premises, dogs, cats and rats, if possible. Intercourse of any kind with the affected premises should be supervised. Surface drainage should not by any means be allowed to enter the well. A cement curb, extending from well above the ground to an impervious strata below usually will exclude this. Sloughs, streams and ponds should not be used as they are all disseminators of disease. If they cannot be drained they should be fenced to exclude stock. Vaccines may be employed to render immune animals that cannot otherwise be protected.

It is a stupendous task to disinfect premises effectively. Scattering a quantity of lime about does not constitute disinfection. To kill an infective bacteria, it is ordinarily necessary to soak them in a disinfectant solution for at least five minutes. As the first inch or two of soil or litter of an infected barn or corral usually contains an abundance of infection, it usually is necessary to saturate the ground to that depth. In addition it must include everything that may have come in contact with the infection.

Stockmen should talk more with their veterinarians. Let them advise you in regard to disease prevention. They will be glad to talk with you individually or to address your farmers' institute or to stop at your farms on their way by and advise you in regard to local conditions. Don't wait until the disease comes.

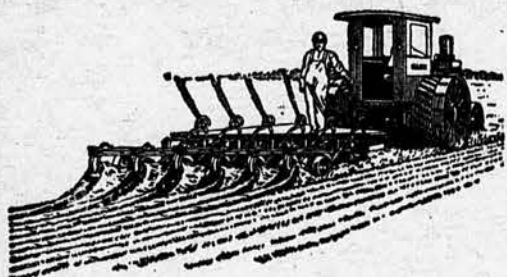
Uncle Sam is getting more tender hearted as the years go by. He now says that we must not shoot transitory birds in the spring and gives us from September 1 to December 16, in this zone to shoot these birds. According to the new tariff, no plumes or feathers can now be imported, and this far-reaching law will touch the remotest parts of the earth. But it took a law to convince the women—if they are convinced.





## CASE Wins World Honors

Awarded 9 Out of 10 Gold Medals at Winnipeg



The Standard of Mechanical Excellence the World Over

With our Steam, Gas and Oil Tractors and Tractor Gang Plows, Case won 9 out of a possible 10 Gold Medals and Grand Sweepstakes Honors, and established new World's Records at the 1913 Winnipeg International Motor Contest. Even its own amazing records were splendidly surpassed—the result of the Case policy of continuous improvement.

The data of this contest enables every farm power user to make practical comparisons of the various makes and types of tractors and tractor gang plows, based on the official tests made under direct supervision of the Canadian Government.

## CASE Entries Notably Superior in All Classes

**Steam** Case won three Gold Medals, for 110 H. P., 80 H. P. and 40 H. P. Steam Tractors.

The 110 H. P., four times entered, four times Gold Medal winner, four times awarded Sweepstakes Honors.

The 80 H. P., three times entered, three times winner.

**Oil** Case 60 H. P. Tractor, in its Gold Medal winning series, was given 79.15 points, out of a possible 100, on Design and Construction. This tractor has always won a higher score on accessibility, protection of working parts and ease of manipulation than any other make, in any international combustion class, entered at Winnipeg.

**Gas** Case 40 Gas and Oil Tractor captured the Gold Medals in both Gasoline and Kerosene classes.

The performance of this tractor, burning kerosene, was the sensation of the Contest. Its nearest competitor required 42 per cent more gasoline

and 32 per cent more kerosene to do the same work.

Case 25 won Gold Medal, scoring 36 per cent more points than its nearest competitor. This was the first public appearance of this new model. Its winning the Gold Medal was a most satisfying endorsement of our policy to do no experimenting at the cost of our customers.

**Plows** Our Tractor Gang Plows won both Gold Medals and Sweepstakes Honors in large and small classes.

Our new automatic-lift plow demonstrated that the plow that needs no plowman is now a certainty. The man in the cab with this outfit can easily and accurately care for the tractor and plows. Does this economy interest you?

Shall we send you a copy of special Gold Medal Bulletin, on the amazing results of the Winnipeg Contest, also catalog of our Tractors and Tractor Gang Plows?

**J. I. CASE THRESHING MACHINE COMPANY, Inc.**  
633 State Street, Racine, Wisconsin (185)



For Best Results Use Perfection Oil

## Keep Warm This Winter!

There are times when stove and furnace fires won't keep the house comfortable—times, in early fall and late winter, when it is "crisp" enough for a little warmth but not cold enough for a big fire.

At such times and in cases of sickness you need a

**PERFECTION**  
SMOKELESS  
OIL HEATER

It affords the cheapest and handiest way of getting heat where you want it and when you want it.

Lights instantly, burns evenly, can be turned up or down at will. Used with a wick and carrier making it easy to re-wick.

King of Oil Heaters because the most practical, the least expensive—in short the Best. See the different models at your dealer's.

Ten hours' warmth from a single gallon of oil. Can be carried wherever needed. No smoke or smell. Reliable. Ornamental. Inexpensive. Lasts for years. Send for our free descriptive booklet.

**STANDARD OIL COMPANY**  
(AN INDIANA CORPORATION) Chicago, Ill. (150)

## Much Feed—Few Cattle

Also Some Letters Showing the Value of Advertising

Cattle feeders should have no difficulty in finding feed in Kansas. Not one letter has been received in a week from a feeder but there are numerous offers from farmers who have hay or fodder or silage to sell. Here are a few:

Mr. Editor—I have two cars of good wheat straw baled, in good shape, all in the barn; has not been wet. Will put this hay on track, either Missouri Pacific or K. S. W. branch of the Santa Fe.  
FRANK PULLIAM.  
Bluff City, Kan.

### Arkansas Is Heard From.

Mr. Editor—I have more hay and feed stuff this year than my stock and the stock of my tenants can consume.  
Ashdown, Ark. SETH REYNOLDS.

### Fodder \$5.

Mr. Editor—I have, near Menoken station, 5 miles northwest of Topeka, about 800 shocks of good corn fodder which I will sell at \$5 a ton.  
R. 6, Topeka, Kan. J. C. BANTA.

### Turnips and Yams.

Mr. Editor—I have two acres of turnips, a part of which are ready to start to market. Will sell in lots, any amount, or the whole crop. Also about 100 bushels of yams.  
Grayson, Okla. J. C. MEBANE.

### Will Sell and Buy.

Mr. Editor—I have about 5 carloads of alfalfa to sell this winter. Also wish to buy quite a bit of alfalfa seed and some sweet clover seed.  
Fort Collins, Colo. FRANK J. EARL.

### Feed at Dodge City.

Mr. Editor—We have about 50 tons of good alfalfa hay, about 10 tons of alfalfa straw (or chaff), and a lot of wheat straw. All could be baled and shipped where most needed, or convenient.  
Dodge City, Kan. J. H. DUPREE.

### Prairie Hay \$13.

Mr. Editor—I have two carloads of fine prairie hay which I will load on cars f. o. b. at \$13 a ton, or will take \$12.50 on the ground. Also have about 25 acres of kafir in the bundle.  
R. 3, Box 62, Custer, Okla. W. E. SHAW.

### Emporia Has Hay.

Mr. Editor—I have a carload of No. 2 prairie hay for sale at \$13 a ton f. o. b. car at Emporia. Can load on Santa Fe or M. & T.  
R. 10, Emporia, Kan. GEORGE A. SLATER.

### Feterita Seed.

Mr. Editor—I should like to be put in touch with some Kansas or Oklahoma farmer who has feterita seed for sale. I should prefer to purchase the seed of someone living as far west as possible.  
Spivey, Kan. W. H. STILES.

### Alfalfa Hay \$16.50.

Mr. Editor—I have about 100 tons of good alfalfa hay I will sell at \$16.50 a ton f. o. b. Winfield, Kan. Also have 100 acres about ready to cut. I want \$17.50 for it. Can load on Santa Fe, Missouri Pacific or Frisco railroad.  
R. 8, Winfield, Kan. B. L. WILSON.

### Kafir, 50 Acres.

Mr. Editor—I have about 50 acres of extra good kafir to sell in row or shock bound. Also some corn fodder and other roughness. This is between Huncwell and Caldwell, Kan. Would take stock to feed.  
South Haven, Kan. JOHN W. LAWRENCE.

### Baled Alfalfa.

Mr. Editor—I have for sale a lot of fine alfalfa hay, some of it baled and in the barn; remainder in good condition. This is short, leafy hay, cut at the right time; \$16 on track at Fowler. C. R. I. & P. R. R.  
Fowler, Kan. HERBERT NEWBY.

### Wheat Pasture.

Mr. Editor—I have 200 acres of wheat pasture, 40 acres of corn fodder, some kafir, straw from 170 acres of wheat, plenty of well water, good sheds and windbreaks. Horses preferred.  
Partridge Kan. Eleven miles southwest of Hutchinson. S. O. RATTES.

### Any Hungry Steers?

Mr. Editor—I have a 130-ton silo of feed to sell, three-fourths of it corn silage, with fair corn. The remainder is kafir. Will take \$6 a ton and feed it. Would prefer a bunch of steers. I have good shelter and water. There are also two other silos within two miles of me to sell.  
R. 1, Grenola, Kan. J. M. WATKINS.

### Plenty of Feed.

Mr. Editor—There is enough feed here to winter 200 head of cattle. I have about 80 acres of good kafir fodder and my neighbors have plenty to sell. I can furnish a feed lot and should like the job of feeding a herd this winter. I thank you in advance for a space in your paper.  
R. 1, Corral, Kan. ROY CORTELYOU.

### Kafir Silage.

Mr. Editor—I have 110 tons of kafir ensilage well seeded; would have made 20 bushels to the acre. Also have about 40 tons of roughage, water, lots and sheds. Also about 2,000 bushels of corn. Would like to sell persons this feed who are willing to feed here on the place.  
R. 1, Lockridge, Kan. F. E. FEARING.

### Want Some Feterita?

Mr. Editor—We have corn, headed and put up in good large shocks; quite a lot of corn on it; have about 60 tons of this and 50 or 60 tons of good kafir, milo and cane feed. This is all good feed; and have a good

place to feed; 3 1/2 miles northeast of Fowler. Also have some feterita to sell. It is the best matured I have seen. Have not threshed it yet but will have from 200 to 300 bushels of it. Will sell it at the depot for \$3.50 a bushel.  
Fowler, Kan. WILLIAM F. ORR.

### A City Farmer Has Feed.

Mr. Editor—I have 250 tons of good, sweet alfalfa hay stacked in sheds for sale. Can be fed on farm at Wyckoff, Kan., with good water and help to care for cattle if needed; or will bale and ship Wyckoff, Kan.  
GEORGE SCHAEFER.  
4020 Terrace St., Kansas City, Mo.

### Feed and a Farm.

Mr. Editor—I have taken your paper for some time and should not like to be without it. I have plenty of good range and some feed, and have only a few head of stock. I would trade a farm of 120 acres in the Ozark country, Douglas county, Missouri, 7 miles southeast of Mountain Grove, for cattle, young mules and good mares. Would sell for \$30 an acre and take stock at their worth, if not too far from Hamilton county.  
Menlo, Kan. J. P. FREEMAN.

### He Begs to Explain.

Mr. Editor—I shall have to explain a little better about the hay here which I said could be bought for \$3.50 to \$4 a ton. It can be bought for that yet in the stack. I have received many inquiries about what it will cost on the track at station. Men are putting it in the car for \$9 at Burwell, Neb. The hay is of good quality. It might be got at Onell, Atkins or Basset for less money. I have no hay for sale now.  
Gracie, Neb. W. B. BAKER.

### The Leaven Is Working.

Mr. Editor—I have received a number of communications from my little note you printed in the Mail and Breeze, September 27, and have endeavored to reply to them all. I am getting a great many letters from farmer friends in Kansas. We have an immense amount of rough feed here such as wild and alfalfa hay, oat straw, beet tops, and winter range. Alfalfa is worth \$8 or \$9 at present but is going up. I should like to winter a car or two of dairy cows on shares of half the net gain in value of herd.  
Morrill, Neb. R. A. WILDER.

### Here's a Fine Place.

Mr. Editor—I live near three large lakes; also have a never failing well with windmill and large storage reservoir. Always have plenty of fresh water for stock. Should like to take cattle to keep the year around. Will pasture them in summer for 25 cents a head a month and a reasonable price for winter. Should like to get 100 head or more for this winter. We have plenty of good grass pasture land and abundance of feed. Will insure good care; plenty of feed; water and protection from storms. I wish to thank you for your liberality in getting cattle and feed together.  
Eads, Colo. ALBERT SCHRINER.

Don't let filth and dirt accumulate on the cow. It may be unhealthy for her and may drop into the milk pail. Curry her every day and be sure to brush her down well.

## A FOOD DRINK Which Brings Daily Enjoyment.

A lady doctor writes:  
"Though busy hourly with my own affairs, I will not deny myself the pleasure of taking a few minutes to tell of my enjoyment daily obtained from my morning cup of Postum. It is a food beverage, not an irritant like coffee."

"I began to use Postum 8 years ago, not because I wanted to, but because coffee, which I dearly loved, made my nights long, weary periods to be dreaded and unfitting me for business during the day."

"On advice of a friend, I first tried Postum, making it carefully as suggested on the package. As I had always used 'cream and no sugar,' I mixed my Postum so. It looked good, was clear and fragrant, and it was a pleasure to see the cream color it as my Kentucky friend wanted her coffee to look—like a new saddle."

"Then I tasted it critically, for I had tried many 'substitutes' for coffee. I was pleased, yes, satisfied with my Postum in taste and effect, and am yet, being a constant user of it all these years. I continually assure my friends and acquaintances that they will like it in place of coffee, and receive benefit from its use. I have gained weight, can sleep and am not nervous."

Name given by Postum Co., Battle Creek, Mich. Write for the little book, "The Road to Wellville."

Postum comes in two forms: Regular Postum—must be well boiled. Instant Postum is a soluble powder. A teaspoonful dissolves quickly in a cup of hot water and, with cream and sugar, makes a delicious beverage instantly. Grocers sell both kinds.

"There's a reason" for Postum.



## The How of Success With Cows

### Some Things to do and Some to Avoid

BY J. H. FRANDSEN

Dairyman, Nebraska Agricultural College

The farmers of Nebraska are at present milking about 700,000 dairy cows. The value of dairy products in Nebraska for 1912 was about 20½ million dollars. But the older and better developed states are still far in advance of Nebraska in the number of dairy cows. New York state has 30.4 cows to the square mile, Wisconsin has 26.83, Iowa 24.86, Kansas 8.5, and Nebraska 7.9 cows to the square mile.

The foregoing figures show that dairying has been developed as a leading industry in states where land is high priced and intensive farming methods are followed. Our cheaper lands give Nebraska a special advantage in marketing high priced products, since the freight on butter and other dairy products to large central markets is very much less than the freight on wheat, corn, hay and other coarse products.

The following statistics show the average income an acre from grain farms and stock farms in three middle western states, also the average for the United States:

	Grain.	Stock.
Illinois .....	\$10.60	\$12.54
Missouri .....	7.69	9.55
Iowa .....	8.88	13.17
United States .....	7.72	11.99

The increased income from stock farming over grain farming amounted to 18 per cent in Illinois, 24 per cent in Missouri and 48 per cent in Iowa. Although similar statistics are not available for this state, our conditions will be found very similar to those of Iowa and Illinois.

By marketing the products of the farm in the form of butter or cream, only 5 per cent of the fertility contained in farm crops is sold in the product. When marketing corn, wheat, or hay practically all the fertility required to grow the crop is sold from the farm. By feeding raw materials of the farm to the dairy cows, we are not only manufacturing high priced products, but retaining upon the farm almost all the fertilizing material taken from the soil by the growing crop.

#### One Cow in Three a Boarder.

It is safe to say that one-third of all our cows in Nebraska are milked at a loss. If they could be eliminated from the herds, the other two-thirds would produce a greater net profit than is now produced on the entire number.

The most reliable guide in selecting a dairy cow is to determine her actual butterfat record. This can be done by weighing the milk produced by each cow and by determining the per cent of butterfat through frequent tests.

Keep a record of the number of pounds of milk given by each cow. Hang a spring scale in a convenient place where the milk can easily be weighed and mark down the weight of each milking on a chart prepared for the purpose. At the end of each month, add up the amount of milk produced to determine the monthly record. The year's record will show the amount of milk produced by each cow.

Take a sample of each cow's milk about three times each month and test it for butterfat with a Babcock milk tester. A simple and complete outfit can be purchased for \$5 and it is so easily used that a farmer can learn to operate it in a few hours. For full particulars regarding testing of milk, write to the Dairy Department, University of Nebraska, Lincoln.

By carefully testing and weeding out poor cows, the people of Denmark, in five years, have succeeded in raising the average annual production of each cow more than 40 pounds of butterfat. This has increased the profit of each cow more than \$12 a year. By adopting the same systematic method, Nebraska dairymen can secure as good results.

Where a sufficient number of farmers in a community are interested in testing their cows, a cow testing association may be formed and a specially trained man employed to make regular tests of the herd at a small cost a cow. There are three such associations in Nebraska at the present time.

In addition to weeding out the poor cows, an effort should be made to improve the young stock on the farm

through purebred sires, which should be selected from heavy milking cows. It is highly desirable not only that each dairyman build up a good herd but that all the dairymen of a community unite on the same breed of cattle. This enables nearby farmers to unite in purchasing high class sires. As soon as a considerable number of farmers have dairy cattle for sale, they can advertise together and secure a much better market than could be done by any single breeder, since they attract more buyers and can furnish cattle in car lots where a buyer so desires.

#### Points of a Good Milk Cow.

The essential points of a good dairy cow are indications of constitutional vigor, food capacity, development of the nervous system, good blood circulation, and the ability to produce milk abundantly.

Well-distended nostrils and good heart girth due to breadth and depth of chest are the best indications of that quality of health and vigor commonly referred to as constitution.

Great length from shoulder to hip bones, together with great width and depth of barrel, indicates well-developed digestive organs, which enable the cow to consume and digest large quantities of food.

A good dairy cow is active and intelligent. Large, bright eyes, set rather far apart, a broad, well-dished face, and a spare and angular form are good indications of nervous temperament.

A good circulatory system is necessary to carry the digested food from the abdominal region to the udder. The milk veins should be large, tortuous, and branching, entering as many large wells as possible.

The digested food is converted into milk only after reaching the udder. A large udder that is soft and pliable but not flabby when empty, and well developed forward and attached rather high behind, and teats of medium size and squarely placed are the best indications of the cow's producing ability.

#### Why Fall Freshening Pays.

There are many advantages in having cows freshen in the fall or early winter. In Nebraska, butter is generally fully one-third higher in winter than in summer. Cows which freshen in the early winter and are well cared for during the winter period go on pasture at the time when they would naturally be drying up, and this lengthens the milking period and increases the annual yield of butter. The farmer has more time to milk cows in winter. The climate is also more favorable in winter where good shelter is available.

No dairyman can afford to be without a good cream separator. A separator will remove practically all the butterfat from the milk. With the old skimming system, from 10 to 25 per cent of the butterfat was left in the milk after skimming. Butter fat is too expensive for hog feed.

After separation, the cream should be quickly cooled to as low a temperature as is possible. Have a small tank through which the water from the well flows. Set the cream in a deep can in this tank. Stir the cream until it is of about the same temperature as the water. Do not mix warm cream and cold cream. The warm cream quickly sours the cream which has stood for a day or more.

Inasmuch as protein and carbohydrates are the two feed constituents with which the feeder is most concerned and to aid the feeders of this state to make proper selection, it may be of value to roughly group some of the most common Nebraska feeds into two classes as follows:

#### Foods Rich in Protein.

Alfalfa hay.	Cottonseed meal.
Clover hay.	Oats.
Pea hay.	Gluten meal.
Bran.	Soy beans.
Oil meal.	

#### Rich in Carbohydrates.

Corn.	Orchard grass.
Corn silage.	Oat straw.

(Continued on Page 31.)



### He works 36 hours at a stretch

And overtime when needed. Any one can afford him, for he only costs \$2.50 to buy and nothing at all to keep. 3,000,000 American homes have taken advantage of this and have employed him to get the family up in the morning.

Even if you have a preference about waking up, he's ready to get you up *your way*. If you like to be awakened gradually, he'll ring little short rings every other half-minute for ten minutes. If you're a hard sleeper and need a strong dose, he'll sing out with a long, vigorous, full five-minute ring. Either way, you can shut him off at any point.

20,000 jewelers are necessary to take care of the demand he's created for himself. He's made a World's Record as a success.

He's invaluable on the farm, because he not only helps you get the hands out on time, but serves as a first-class clock to tell the daytime by.

He stands 7 inches tall, is triple nickel-plated—has a vest of good implement steel that keeps him hardy; large, bold figures and hands to tell the time by in the dim light of morning. He is as fit for the parlor as the bedroom.

If your jeweler hasn't him, send a money order for \$2.50 to Westclox, La Salle, Ill., and he'll come anywhere in the States by parcel post, prepaid.

He bears this imprint, "Made in La Salle, Illinois, by Westclox," which is the best alarm-clock insurance you can buy.



When stubborn burnt-on crusts and grease are hard to remove try Old Dutch Cleanser.

It quickly and easily

**LOOSENS AND REMOVES THE HARDEST DEPOSITS**

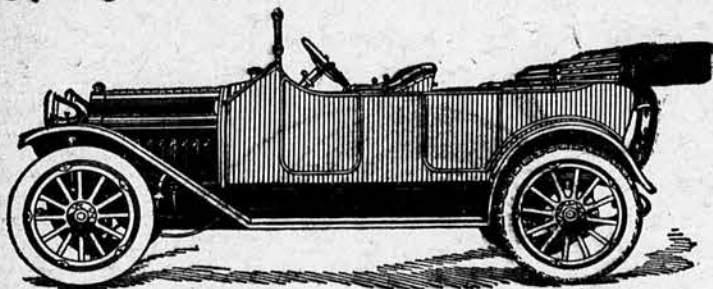
Everything that ordinarily requires hard rubbing, quickly gives way to its extra cleaning powers.

Many other uses and Directions on Large Sifter Can—10c

**DON'T BE WITHOUT IT**



Paige Model Glenwood,  
5-passenger touring car, \$1275



## As Quiet as the Watch in your pocket

YOU can't hear a Paige motor running unless you stop and listen. There's probably not a Paige owner anywhere—of all the thousands—who hasn't gone around in front to crank his car many a time when the engine was running.

A quiet motor—as quiet as the Paige motor—is something to be proud of in your car.

But it is more than merely "nice" to have a quiet motor. A quiet motor is a sign of careful workmanship, hair-line precision in the grinding and fitting of parts and no lost motion or lost power.

# PAIGE 36

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## Dunlaps Are Poor Shippers

Wathena Strawberry Growers Favor the  
Aroma Variety

THE Senator Dunlap has been the standard strawberry variety for northern Kansas, but I believe the time has come for the commercial growers to change to a variety that will stand shipping better. This variety will not carry nearly so far as the Aroma, for example. There has been a great extension of the strawberry acreage in the last few years in northeastern Kansas, and we now are shipping berries all over the United States. We must get a variety that is a better shipper."

This is the opinion of W. R. Martin, manager of the Wathena Fruit Growers' association and one of the leading berry growers in that section. "There is another objection to the Senator Dunlap," said Mr. Martin, "which is that it gets ripe at the same time as the berries from the Ozark region of southern Missouri. Now, if the acreage here was mostly Aroma, our berries would not begin to move until most of the fruit from the Ozark section had been picked. This would run the picking of the strawberries into the raspberry season. It is true, but that can't be helped. One of the advantages of the Aroma is that the season is not nearly so long as with the 'Senator Dunlap,' which sometimes lasts an amazingly long time. Three years ago, for example, we shipped the first crate April 28, and the last one didn't go out until two months later. Of course, that is an extreme case, but the season generally lasts more than a month.

### Is the Aroma the Best?

"I am not certain whether the Aroma or the Klondike is the best commercial berry for this section, but I am inclined to believe the Aroma is. Neither of these berries has yielded in the past up with the 'Senator Dunlap,' but I believe the yields would be increased if they were grown here for several years. The trials in the past have been mostly on a small scale and with foreign plants, and as they have not yielded with the Dunlaps, the fields have been plowed up. It is certain that we could have obtained much higher prices this year if the berries had been of a variety that would stand shipment well, so that would have taken care of a smaller yield, so far as profits are concerned."

Wathena is a great strawberry town, and this makes the shipping problem of the growers all the more complex. There was an average of 15 cars of strawberries a day sent out of Wathena during the strawberry season this year, and the shipments from Blair and Troy, two towns near there, have brought the total up to about 25 cars. Almost all of these were Senator Dunlaps, and as many of the buyers are afraid to handle this variety on account of the danger of loss, the selling problem was much harder to solve than if they had been good shippers. When but a few cars a day were loaded, it was easy to sell them to the cities that were not more than a few hundred miles away, but shipments now must be made farther, and the berries don't carry well.

### Wathena Is Progressive.

Wathena has many advantages as a strawberry section. It has the fine loess soil found along the hills of the Missouri river, and in addition to being strong in the mineral elements, this land is not easily exhausted in humus. The growers are just beginning to use cowpeas as a crop to grow for green manuring after the strawberries are plowed up. Several of the growers around Wathena planted cowpeas on such land this year.

Two crops is the rule in that section, and the beds generally are carefully renewed for the second crop. Sometimes the beds are left longer, but as a rule the better growers have quit doing this, for they have found that it does not pay. The yields are generally fairly high; W. R. Martin grew 3124-quart crates on two and one-half acres one year, and there are many other high yields on record. All the boxes are of the wine quarts; that is, they are about 20 per cent less than a quart.

The average price for picking is 35 cents a crate; but this is not absolutely uniform. As a rule, it is possible to get

all the pickers that are needed from St. Joseph, but this year there was some trouble with them, and there were several strikes, and some losses on account of these strikes. F. W. Kotsch, who lives near Troy, had 30 pickers this year for his very fine five-acre field, and this was about an average number when the grower had all the pickers he needed.

There are several associations in this district that are shipping strawberries, and this year with the large crop the berries from one association came into sharp competition with the berries from other associations, and the buyers worked every means to force the price down.

"It is evident that the associations in this section will have to get together under one management much the same as the Ozark Fruit Growers' association," said one prominent grower, who is not concerned in the active management of any of the associations. "Now the fruit from one association is used by buyers to force down the price brother growers in other associations get. Then the selling cost could be greatly reduced, too, if they all were under one head, for the expense of maintaining all these independent offices is considerable. So this proposition resolves itself into this: If we all were together, the selling cost would be much less than it is and we could get a better price for the berries. The Ozark Fruit Growers' association is a good success, and the same idea could be worked out here.

### Organize!

"The constant tendency of all fruit growers in a district is to organize, for the present selling methods force them to do so. As examples, take the Ozark strawberry growers, the California orange growers and northwestern apple growers, who are now organizing. The same reasons that have led to these growers organizing are present here, and the growers ought to get together. It is probable, too, that they will do so before long."

The loading price this year has ranged around \$1.50 a crate much of the season; although it was considerably higher than this at first. The growers got less than this, for the association charges had to be paid.

The Wathena section is a splendid strawberry district, but it is evident that if the industry is to expand a strawberry that is a better shipper must be grown. It also is obvious that all the associations ought to get together, and form a central sales company; for it would give growers better prices.

### The Farmer of the Future

BY W. A. COCHEL.

The cattle farmer in the future must of necessity grow just as good or a better crop than the man who produces hay and grain for the market. He must, in addition to his ability as a farmer, have an appreciation of the breeding, feeding and development of livestock, in order that he may gain a further profit from converting those crops into beef. With corn, alfalfa and the best of pasture grasses, Kansas will become the leading beef cattle state in the Union whenever the farmers of the state give as much attention to breeding and feeding as they now do to the selection of grain and the cultivation of crops. They have the soil, climate, water supply and the feed from which to make beef. The conversion of these raw materials into a finished beef will result in an increase of the yield of all grain crops, in better cultivation of corn, kafir and other forage crops, a market for the by products of grain production, continuous employment for the best and most intelligent farm labor, and finally in the improvement of buildings and equipment, which almost invariably follows the improvement of livestock.

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**Note:** "Messenger Boy 6129"—the Lewis' Lye Hog—Winner of First Champion and Grand Champion Prizes pictured above is owned by Mr. Clayton Messenger, President American Hampshire Swine Record Association, Keosauqua, Iowa.



## Brief Bits of Farm News

Items From the Dailies You May Have Overlooked

### Beef Cattle Outlook Is Better.

"There still remains in my section a considerable number of cattle," is the way C. C. Kimball of Beggs, Okla., explains the situation. "Since the rains came cattle owners have put on a smile, as everything now looks green. There is considerable forage feed in the country."

### There's Enough Feed in Coffey.

P. McMullin of Coffey county, Kan., says that while corn is very scarce down that way farmers will have enough forage feed to winter all the stock they have. "Anyway, cattle feeding does not always mean money making," Mr. McMullin jokingly remarked. "So it may be a piece of good fortune for us that we have no corn to full feed with the coming winter."

### Cream Brings \$160 a Month.

Starting in four years ago with three purebred Jersey cows, which cost him \$150 each, J. L. Rives, of Monroe county, Missouri, now has 65 cows, 24 of which are giving milk. The cream sales from these 24 cows amount to \$160 a month, without counting the skimmed milk. In keeping an account with each cow, Mr. Rives finds that for every dollar he pays out for feed, he receives almost twice that amount in a cash return.

### More Dairy Cattle at Tribune.

"It really seems strange that in what was formerly an exclusive range cattle country, following the severe drouth, beef cattle are being moved out, and dairy cattle moved in," said N. R. Thompson of Tribune, Kan. "This plainly shows that when an emergency comes, the cow that furnishes milk will carry the family through. Hundreds of families in western Kansas will pay grocery bills and other family expenses during the next year from the sale of cream."

### Watch the Cottonseed.

The farmers and feed buyers of Kansas should be on the lookout for inferior cotton seed meal. This is the warning issued by L. A. Fitz, professor of milling industry in the Kansas Agricultural college.

"Much of the meal that is being shipped into the state is absolutely rotten," says Prof. Fitz. Most states have laws that protect them, but Missouri and Kansas are unprotected and as a result they are being flooded with large quantities of the rotten meal.

### Kansas Cattle Win.

In the feeder contest which has been conducted by the St. Louis National Stock Yards, C. D. McPherson, of Topeka, took first and second prizes with Shorthorns in the Kansas division. The grand sweepstakes cattle of the contest went to Col. J. T. Johnson of Mexico, Mo. They were Angus.

Seven states took part in this feeder cattle event. A total of 173 cars were entered. Professor Kennedy, the judge, says this is the biggest feeder cattle exhibit of this kind that has even been held.

### Concrete Bridges Are Popular.

Re-enforced concrete is fast replacing the wooden culverts and small bridges, as well as many of the small rock bridges and culverts around Marysville. During the past year at least 75 such structures were built, and this year 125 will, before winter sets in, have been built.

A half dozen of the larger re-enforced concrete arch bridges have been built by the county, and the township boards of several townships have constructed a large number of small concrete culverts. It is safe to say that within the next decade there will be no more wooden culverts in use in this county.

### Silos Reduce Drouth Losses.

R. A. Williamson, of Chautauqua county, Kan., referring to crops and the stock situation in that part of the state, says that he has made up his mind that the silo will solve the farmers' troubles. While a considerable amount of forage feed was raised in that section, at the same time stock

owners are saving all the feed they have.

"This year," Mr. Williamson said, "I built on my place two silos of 160 tons capacity each, and I think I will build two more next season. One is filled with kafir corn and the other with corn. When every farmer has one or more silos he will be fixed so that he will not be compelled to sacrifice his stock by shipping them to save buying expensive feed."

### Fewer Hogs At Howard.

"There is bound to be a big hog shortage," said Ed Green of Howard, Kan., in sizing up the situation. "Take the corn shortage in Kansas and that alone will create a hog shortage. Farmers simply let their hogs go, and they will not make any efforts to stock up till a new corn crop is in sight, which will be some time."

### National Corn Show to Dallas.

The Sixth National Corn exposition, to be held at Dallas, Tex., Feb. 10-24, will offer trophies and premiums amounting to thousands of dollars for individual ears of corn, ten-ear samples of corn, probably bushel lots of corn, and also for grains and other kinds of farm seeds in peck samples, sheaves of grain, forage crops from four to six inches in diameter, bales of hay and other Lee located in Pawnee county in 1877.

"There has hardly been a year when irrigation would not have increased the yield, even though not really necessary," he added.

### A New Kansas Serum Plant.

A new serum plant will be constructed by the Kansas Agricultural college at Manhattan. F. S. Schoenleber, professor of veterinary medicine, says the new plant was necessary because of the limited capacity of the old plant for the production of serum. "There is an increasing demand for serum," said Dr. Schoenleber. "Recently it was necessary to return a check for a thousand dollars simply because the plant could not supply the serum. At present we are supplying serum for Iowa, Virginia and Idaho. As a matter of safety it is necessary to keep on hand a constant reserve of 500,000 centimeters for emergency calls."

### Summer Fallowing Paid.

W. B. Eastman is one of the Reno county farmers who found that it pays to summer-fallow wheat. On his Reno township farm he had one patch of summer-fallowed wheat, 2½ acres in all, that averaged 47 bushels to the acre this season.

"It was harvested with a binder and required nearly six pounds of twine to the acre," reported Mr. Eastman. "I could only cut a swath of about one-half the width of the cutter bar. The surprising thing about this patch of wheat was the fact that in spite of its extreme thickness it remained green through the hot winds the latter part of May and right up to maturity. It was seeded at the rate of 1¼ bushels to the acre."

### Cholera Is Being Eliminated.

Hog raisers of Smith county have learned by actual experience that double vaccination of hogs is a sure preventive of cholera, and the services of local veterinarians, who do the work, are much in demand. Dozens of instances could be cited where herds of the animals, fortified with the treatment, have remained healthy and vigorous, while on adjoining farms hogs not so treated were dying daily.

So firm is the faith of Henry Ramaker of Prairie View, Phillips county, in the efficacy of the treatment that he allows no unvaccinated hog on his place, and when he sells one a written guarantee goes with it that it will not die of cholera. If it does, the purchase price is promptly refunded.

Mr. Ramaker is a fancy hog breeder and his example of vaccination is being followed by many farmers in his community. It is a notable fact that in that community hardly a case of cholera has occurred in the last six months and hog raisers are pleased over the bright prospect for an early and complete eradication of the scourge from the country.

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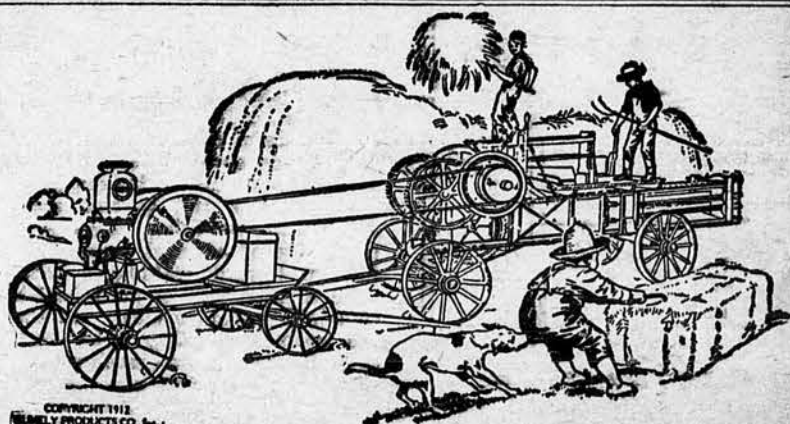
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## Fifty Dollars For a Bedroom

### Ways That Are Simple and Artistic and Save Labor

BY GRACE UTT.

The simplest bedroom may be artistic and beautiful. If you have an unused room in your house try fitting it up simply, and see what a cozy, homey room you will have for your guest, or, perchance, for yourself, when you are weary and worn, and longing to get away from the grind.

Possibly the wall is white, just the cold, unresponsive white plaster that suggests loneliness first of all. You want to change it, but you are limited in the amount you can spend and you ask, "Will it be cheaper to paper the walls, or to paint them?"

Either may be done cheaply or expensively, depending on quality of materials. But for a pretty effect which shall be lasting as well, nothing can give you such good service as the flat tone wall paint which comes in all the desirable shades, as well as in white and ivory.

This finish retails at about \$1.50 a gallon, and is washable. A gallon and a half should coat the walls of a small bedroom.

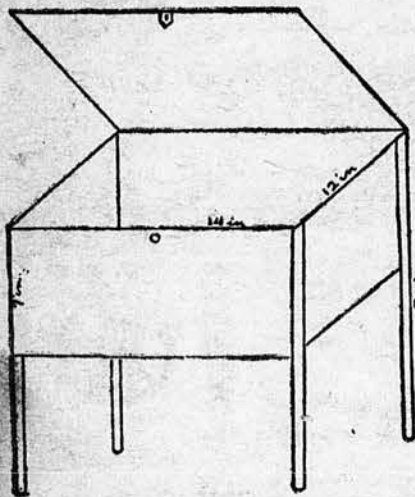
Suppose you select a buff or straw color, or any shade that suggests sunniness and light. This will be your keynote for colors in the hangings and furnishings.

#### Plain Curtains Are Best.

Plain white curtains are always in good taste in a bedroom, and if you are trying to keep down the cost, why not buy the 10-cent grade of cheese cloth or bunting? It is firmer and softer than many more expensive materials, and stands tubbing better, too.

If your windows are wide, put two widths at each window. Make a three-inch hem at the bottom, and make them long enough to come about two inches below the window sill, to allow for shrinking.

A brass bed looks well in almost any bedroom, but it is more expensive than a white enamel one of the same style.



Utility Box for Bedroom.

In selecting the white enameled bed, look for the perfectly plain ones, with large, continuous posts. Such a bed may be bought for \$8 or \$10. It is elegant looking, and easily kept clean.

If you buy springs and mattress for this bed, buy comfortable ones. Don't ask your guests to spend a night on springs which make them dream of the roller coaster and the merry-go-round. Twenty dollars will buy good springs and mattress, but it will not buy the best.

Use small rugs if you would have a sanitary bedroom. These can be taken out often, and make cleaning a simple task. The blue and white rag rugs, either homemade or bought ones, are pretty and inexpensive. They are not hard to wash, and will wear for years. The ready-woven ones range in price from \$1.25 to \$2.50, or more, and can be found to match almost any color you may choose for your room.

A white enamel dresser seems to demand a place in this bedroom. A good one purchased from your dealer will cost you not less than \$15, and it may cost you more. About the same effect can be obtained at much less cost, if you white enamel an old chest of drawers and hang over it a white-framed mirror, measuring one foot by two feet.

A low rocker, a common chair, and perhaps a low stool, all enameled white, would complete the necessary furnishings of the room. If you can allow yourself "extras," include a bedspread in the gold color which is popular now. Stencil a straw-colored design on your curtains, purchase a few Dutch blue prints for the walls, and a Japanese towel (white, with blue figures) for the dresser. Then, if you have any time and patience left, add a "utility box," made in this way:

Select a small wooden grocery box, 10 by 14 inches, and seven or eight inches deep. Attach the lid with strong hinges.

Line the inside with white drilling, sateen or any suitable material. For the outside select a cretonne in which the predominating color harmonizes with the yellow in your room. Use brass tacks for finishing. Mount the box on four legs 2½ feet by 1 inch by ½ inch. Any wood, new or old, will do for these legs, as they too should be enameled white.

Fit this box with pin cushion, pins, needles, scissors, thimble and darning materials, and your guests will bless you for anticipating their emergencies.

The itemized cost of this bedroom is given as a careful estimate:

Flat tone wall finish.....	2.25
10 yds. curtain goods.....	1.00
Bed.....	8.00
Springs.....	8.00
Mattress.....	12.00
Two rugs at \$1.50 and \$1.25.....	2.75
Second hand chest of drawers.....	2.00
Mirror.....	2.00
Rockers.....	1.00
Chair.....	1.00
Stool.....	.50
Bedspread.....	2.50
Pictures.....	2.00
Dresser-cover.....	.15
Utility-box—actual cost need not be more than.....	.50
White enamel for chest of drawers and chairs.....	2.00
<b>Total.....</b>	<b>\$49.65</b>

#### Children Deserve a Good Copy.

I want to say a few words about the children who have reached the age to follow the ways of their elders. Why is it that mothers, and especially fathers, seem simply to worship their children until they have grown in many ways like themselves? Then they begin to criticize and pick at them on every corner. I have seen some parents who actually seemed to have a spite against their children, just because they were like themselves. I say, let us improve ourselves so their little ways won't be so distasteful to us. I saw one family quarrel; as soon as their children were alone or with other children they would begin to jaw and quarrel, more from habit than anything else. A written guarantee of a sweet temper would go farther toward making a good home than a guarantee of good health; both combined would be ideal. As the children grow older they need kind, good counsel more than so much petting when they were so small and sweet. It is during the years from 7 to 12 that they are shown the least consideration; and it is during this time that they become careless and hard to do anything with. This is from a mother of three.

Mrs. Cora Harding.

Ozawkie, Kan.

#### A Word to Mothers of Boys.

[Prize Letter.]

Twelve years ago we boarded a teacher for seven months. She was bright and charming, and so lovable that she won all hearts. At the close of school a jolly, handsome, good-natured youth came and claimed her for his bride and took her to his home several hundred miles distant. I knew she would make that home a paradise. During her stay in our home she had kept her room a marvel of cleanliness and daintiness, and I thought then, as I know now, that only in such surroundings could she be content.

A few weeks ago I visited our little heroine—for a heroine she certainly is, although she is seamstress, laundress, and maid of all work for her husband and five children, she still keeps house beautifully. I might almost say perfectly—a thing she could not possibly accomplish did she not plan carefully, work systematically, and have a place for everything. Does this woman look

and feel old and tired? Yes, I am sorry to say that she does.

In this particular case the "straw that breaks the camel's back," is in the form of a husband whose mother failed to teach him orderly habits. I have seen him come into the house, throw his hat in one corner and his coat in another and say, "Well, old girlie, where's my paper?" (The wife tells me the papers have been kept in the same place for 12 consecutive years). He reads while she finishes the dinner, picks up his hat and coat and papers and puts them in place.

It is the same with everything he uses. He leaves it lying just where he happens to get done with it, evidently not caring that the poor, tired little wife will gather up everything and put it back in place. I wondered much that she did it all so patiently, and waited for her confidence. It came, "My husband is good and kind," she said. "I will not allow myself to utter a word that could mar the sacredness of our home; but sometimes I have hard, bitter feelings toward my mother-in-law, to think that she let him grow up that way! My children are orderly. They've been drilled into orderly habits ever since they began to walk, and I could manage everything else and get on nicely but for the added burden of picking up and cleaning up after an untidy husband." I am glad to tell you that this friend does not allow this fault to cover up her husband's many virtues. Pearl Chenoweth.

Jennings, Kan.

#### Try a New Recipe

A CHANGE IS GOOD.

When you get tired of potatoes cooked other ways try this: After peeling the potatoes run through the food chopper enough to nearly fill a skillet, also a cupful of meat, any kind. Mix together and season with salt, pepper, and if the meat is very lean, a lump of butter. Cover with water and set in a hot oven for an hour and 15 minutes.

Mrs. C. A. Hall.

Oakhill, Kan.

#### Peanut Macaroons.

Beat the whites of 3 eggs stiff with ¼ pound of powdered sugar—2½ even cupful of powdered sugar make a pound. Stir in 1½ cups of finely minced peanuts. Beat until smooth, and drop by the spoonful upon greased paper. Bake 10 minutes in a steady oven.

Mrs. W. J. Singletary.

Grimes, Okla.

#### Sponge Pie.

To 4 eggs add 1 cup sugar and beat very light. Add 1 cup flour and bake in two pie or cake tins in a moderate oven. When done split each layer open, separating the top from the bottom, and put together with a filling. This makes two pies.

For the filling take 2 eggs, ½ cup sugar and 1 cup sweet milk. Cook in a double boiler. The pies are best when eaten fresh.

Mrs. L. L. Voran.

Norwich, Kan.

#### Things Other Women Do

When you are canning peaches and have a surplus of juice, add the juice of 1 lemon to a pint of the peach juice and it will sell as easily as apple.—Mrs. Lillie Adkinson, R. 6, Concordia, Kan.

When making peach butter instead of rubbing the peaches through the colander I run them through the meat grinder. It does not take so long to cook and makes nicer butter.—Mrs. H. H. Seubert, Wakefield, Kan.

When bottling chili sauce or catsup leave about an inch and a half at the top of the bottle and fill up with vinegar. This will prevent mold on top.—Mrs. Mamie Robison, R. 3, Altamont, Kan.

A pinch of soda added to green apple sauce will help the flavor. Also when cooking cranberries add a pinch of soda. It will take away the bitter taste and won't require as much sugar.—Mrs. Mamie Long, Burrton, Kan.

Buy some small brushes to use in washing dishes, cleaning chicken, and a number of other things about the house.—Mrs. C. A. Hall, Oakhill, Kan.

To remove mildew dip the stained cloth in buttermilk and lay in the sun.—Ora Morgan, Provencé, Okla.

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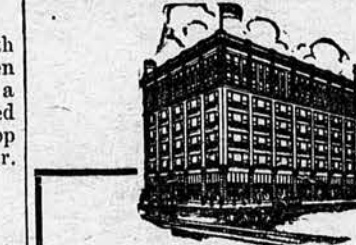
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should be bought now—especially if you are not in easy reach of stores that furnish the kind you want. By coming to the Big store now for your coat, or ordering it here by mail, you will be ready for the first cold days, with a good warm wrap of late style, exactly suited to your requirements—and the price will be right.

Railroad fare refunded according to amount of purchase.

**THE MILLS DRY GOODS CO.**

Topeka, Kansas.



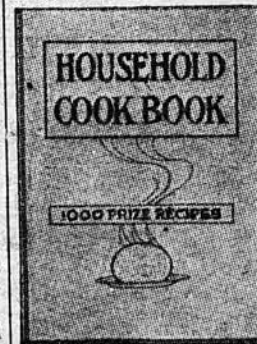
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Valley Farmer, Dept. C B-11, Topeka, Kan



## HOME DRESSMAKING

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

Ladies' Dress No. 6214 is cut in five sizes, 34 to 42 inches bust measure. Size 36 requires  $4\frac{3}{4}$  yards of 36-inch material.

This little girl's dress (6036) is cut in sizes 6, 8, 10 and 12 years. Age 8 years requires  $2\frac{1}{2}$  yards of 44-inch material.



Ladies' Dressing Sack No. 4682 is cut in six sizes, 32 to 42 inches bust measure. Medium size requires  $2\frac{3}{4}$  yards of 36-inch material and 3 yards of insertion, and  $3\frac{1}{4}$  yards of edging.

### USE THIS COUPON FOR PATTERN ORDERS.

The Farmers Mail and Breeze, Pattern Department,  
Topeka, Kan.  
Dear Sir—Enclosed find ..... cents, for which send me the following patterns:  
Pattern No. .... Size .....  
Pattern No. .... Size .....  
Pattern No. .... Size .....

Name .....

Postoffice .....

State .....

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

BE SURE TO GIVE NUMBER AND SIZE.

### How to Make a Husk Mat. [Prize Letter.]

My aunt in the country makes good money without having to invest one cent. At corn husking time she goes to the corn crib each morning and picks out all the nice clean corn husks she can get. She puts them in large, clean grain sacks until she is ready to use them. Then she braids them into mats which are used to wipe muddy feet on. For the benefit of those who never have seen a husk mat made I will tell how it is done: Three strands are used. Take four or five long husks for each strand at the start and commence to braid as you would braid a child's hair. As each strand is brought through the center and then over the outside edge from underneath place a new husk on it, leaving an inch or two of the large crinkled end outside the braid. The new husks, being "worked in" in this way, leave a firm heavy surface two inches thick.

After the braiding is finished sew the mat in the same way that the old fashioned braided rugs are sewed, edge

to edge, around in a circle. My aunt usually makes hers oval shaped, 2 feet wide and 3 feet long. But if liked they may be made round; 40 inches across is a good size. Always put your husks out doors over night the night before you braid your mats, as the damp air will make them tough enough to braid easily; otherwise they would break and be hard to braid. Use cotton wrapping twine to sew mats with. There is no trouble selling these for \$1.50 each.

Mrs. J. A. Dostal.

Douglas county, Nebraska.

### Does This Strike Home?

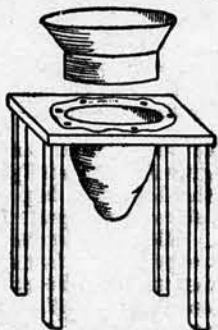
A few years ago a man, who had early lost his parents, told me his experience when a large boy, writes Alfred C. Kelly of the Hudelson Baptist Orphanage of Irvington, Ill. He was placed in a family where there was a son about his own age. He and the son were put together in the same bed. Late at night the mother came in quietly to kiss her sleeping boy goodnight. The motherless boy kept his eyes closed, but he was not asleep. The good woman kissed her own boy and left the room. "I cried myself to sleep in my disappointment that she did not also kiss me," said this man who had not in mature manhood forgotten so little an incident of his boyhood days.

I sometimes wonder how many of our older boys and girls cry themselves to sleep in all of our institutions, and also in homes where they are being placed for the service they can render.

We do the best we can to take the place of parent to these little lives, but we know full well that we are not giving to them as large a place in our lives as we gave to our own children. If the people only knew how mean and meager and stingy was the sympathy and affection given these little hungry souls as compared with that generous, glorious response to the approach of our own children!

### A Stand For Jelly Straining

While watching my wife try to fasten a cloth bag to the top of the porch for the purpose of straining jelly, I thought out a scheme that simplified this operation. I took an inch board 18 inches square and cut a 12-inch hole in the center. Then I nailed an inch strip 4 feet long to each corner for legs. Around



Serves a twofold purpose.

the hole in the center of the board I put several screw hooks. Now when my wife has jelly to strain she puts the bag through the hole, hangs the edge of it over the hooks, and pours in the fruit. Being 4 feet high the stand is convenient to work over and still allows room underneath for a vessel to catch the juice. I also had a tinner make a funnel 18 inches across the top and 11 inches across the bottom, which is very handy to use in the frame when we want to fill anything into bags.

Atchison, Kan. John H. Brown.

### Home Training Counts Most.

Mr. Editor—We must teach our boys and girls moral self-respect. This important matter should not be left to father or mother alone. While, as Mr. Capper says, a father should say to his son, "Resolve that you will bring as pure a soul and body to the girl you take to the altar as you expect her to bring to you," we mothers have much to do with teaching boys and girls what is moral and right. The vice problem can be overcome if properly fought, but the most effective work can be done at home.

I wish we had more men like Mr. Capper to fight wrong and vice in the world and uphold the standard of virtue.

Grimes, Okla.

Emila Thompson.

## Money in Sausage

The demand for good country sausage, such as you can make, is always greater than the supply and you can get good prices. Do your own killing this fall and see how much more profitable it is than to ship. You will need an

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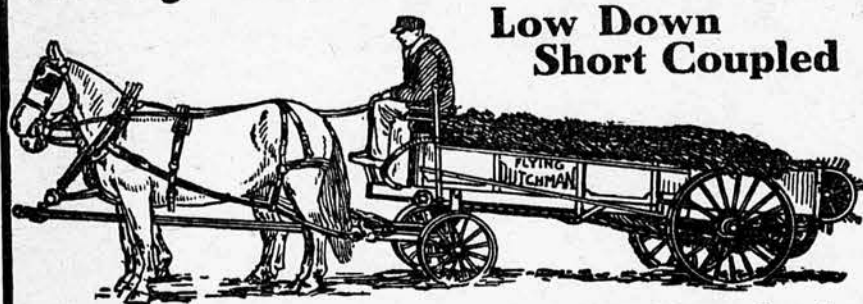
Your Lincoln Paint dealer will give you color cards, tell you how much you need and how it should be used. If you don't know who he is, drop us a postal and we will direct you.

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**Easy to Load**—The top of the Box being only 42 inches high, it is easy and quickly loaded, without that back-breaking lift.

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No other Spreader is so strong and well built. The Apron runs on three sets of steel rollers, safely carries 5,000 pounds without sagging.

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## Alfalfa at Jayhawker Farm

### Some Interesting Facts About Fall Seeding

BY HARLEY HATCH, Gridley, Kan.

The low price of seed and the favorable soil conditions have tempted many to sow largely of alfalfa this fall. The seeding is later than usual but with good winter conditions it will pull through all right.

Several years ago a brother of ours hired a man to sow several acres of alfalfa in the fall. The land was quite a distance from his home and the man took his own time to sow it. He did not get the seed in the ground until the middle of October and then it was sown broadcast and harrowed in. It barely came up before the ground froze but the winter was favorable and almost every plant lived.

We know of another field of alfalfa sown last fall so late that it hardly got two leaves above ground before freezing but it lived through winter and made a good stand. Last winter was easy on all fall growth. Many of the rape plants in our hog pasture lived through it and made seed last spring.

A large number of cattle have been brought into this section to winter here. There is considerable feed for sale here, mostly corn and kafir fodder and the cattle were brought to it instead of shipping the feed to the cattle. Some farmers have sold fodder outright while others have taken cattle to feed by the month. The price paid for wintering them in several instances was \$2.50 a month, which is double what has been paid here in the past.

Fodder is bringing from \$4 to \$10 an acre, depending on size of growth and amount of corn on the stalks. Some fields made as much as 6 or 8 bushels to the acre and this fodder brought the best price. While the price paid is not large it would have been thought extra good a few years ago for good corn, corn that would make 30 bushels to the acre. Corn is not a total loss when it brings around \$6 an acre as a fodder crop.

The outlook for keeping the hogs and shoats grows better each day as the price of corn goes down. For the last week the corn market has declined every day and men are now anxious to place corn in ear lots for 80 cents a bushel. At this price, and with the present price of hogs, one could feed this corn and just about break even. But many are looking for still higher prices for hogs and lower prices for corn.

Since the rains came our rape pasture has grown wonderfully until now we have the best fall hog pasture we ever had since we began farming, 31 years ago. With a light ration of corn the hogs are gaining as fast as they ever did in winter with all the grain and mill feed they could eat. The new growth of rape is very tender and the hogs put in all their time in the pasture. The best part of it is, this rape will live and provide good pasture until severe freezing weather comes.

Our potato crop is now in the cellar. It was not one to brag of, being poorer than most any that was grown around here. Circumstances were such last spring that we could not get them planted until late, and last spring early planting was a positive necessity if good potatoes were to be raised. Another thing against us was we planted too many Burbanks. The Burbank is a good potato in an average season but this year they were just a little too late. The Eurekas were good and, had our planting all been of this kind, we should have had a potato crop fully up to the average.

At the Oklahoma Experiment station they have both Sudan durra and feterita growing side by side and the experts say there is no difference between the two. So if any of our readers have seed of Sudan durra, they will have no need to send for feterita seed to give that a trial. As a grain crop for a dry country we think highly of feterita; for a fodder crop we do not think so much of it. It seems chinch bugs cannot make any headway eating it, and if chinch bugs cannot eat it, we think it must be pretty tough fodder. We would not advise discarding kafir here in eastern Kansas to take up feterita.

It seems that the last legislature slipped a cog and, by not strengthening the grain inspection law, left the door open for the importers of poor grain. We have heard many complaints of the poor quality of the corn shipped in, and this week one car of oats was brought into Gridley that was a sight to behold. We hardly see how such poor, dirty oats could get into market. The grain dealers have sized up the situation and seem to think anything which bears the name of grain can be shoved off onto Kansans.

Some hay is now moving out of this locality. The hay that remains here is about all of good quality, although there is still some of the late cut poor stuff on hand. This grades no better than a poor No. 3 but the prairie hay that was cut before August 10 is of good quality and most of it will grade No. 1. The hay shippers do not expect the demand to be brisk until cold weather and perhaps not then. They have barely enough on hand to supply their regular order buyers. While hay has not been moving fast, if it continues to go out at the present rate the barns will all be emptied by next spring. Hay is as low now as it is likely to be at any time until grass comes again.

There is a theory here that poor corn years go in cycles, and that the length of each cycle is from 12 to 14 years. It may be just a "happen so," but it is a fact that about every 12 or 14 years there is a failure, or part failure, of the corn crop in this part of eastern Kansas. The first on record was 1860; the next in 1873; there was one in 1887, one in 1901, and now comes that of 1913. If we don't have another until the cycle is complete, we can all stand it. For 1926 seems a long way off.

If anyone had said last August, when the drouth was on the high gear, that farm property would sell at sales this fall for prices fully as high as have been paid for years, he would have been set down as a mighty bad guesser or something worse. But had such an assertion been made it would have been the truth; practically everything in the line of farm property is selling well and some of it is bringing very high prices. Cattle of all kinds sells high; feed is on a par with cattle, hogs bring the full market price, and farm machinery as much as it usually does at this time of the year. The only thing which shows a slight letting down is the price paid for horses, especially for those of poorer grades. It is not speculative buying, either, for three-fourths of all the bills are paid in cash. At a sale near Gridley the other day the total amount was \$2,800 and all was paid in cash except \$500.

Milk cows sell very high; perhaps as high as ever known before. This is a surprise to many. We know of a number of men who had figured on getting a good milk cow or two cheap this fall, but have had to revise their figures. One man, who attended one of the first sales, a sale which was held after the drouth was broken, told us he went expecting to get a milk cow cheap. He believed no one would care to buy stock the way things were looking and that he would get a cow at his own price. He said there was a big crowd at the sale and judging from the bidding on the cows each man had come with the same idea as himself. The result was that no cow sold below \$60 and from that on up to \$85.

Some fields of kafir are cut but we are going to wait on ours until frost. The recent rains have filled the plant with sap and this green stuff is sure to blacken if shocked up and we get moist weather. Kafir was looking rather dry about September 1 and a few thought it might as well be cut then but what was cut at that time has been damaged a good deal. One man had 40 acres cut and just got it in the shock when the first rains came, with the result that it has blackened badly. Not only has it been hurt, but it has lost the growth it would have made since the rains came had it been standing.

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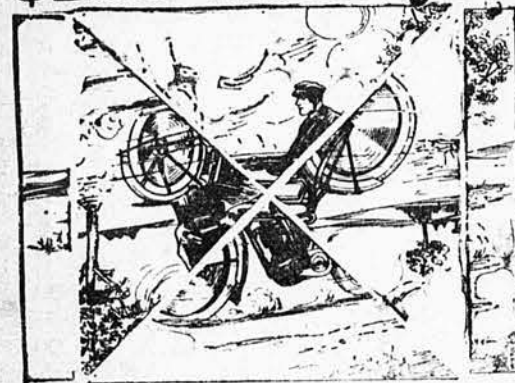
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Dept. MB, Madison, Wis.

**Carey Act Land Opening**

Beginning August 7, 1913. 3,600 Acres in Bear River Valley, Utah. Low Prices, Easy Terms and Long Time. Also 9,000 Acres of deeded land in the Neponset Tract to be sold at low prices. Easy Terms. Long Time.

Write for complete information. Summer Tourist fares (1st Class) daily, to and including, Sept. 30, 1913, and Homeseekers' fares (second class) 1st and 3rd Tuesdays of each month.

**R. A. SMITH**  
Colonization & Industrial Agent,  
Union Pacific Railroad Co., Room  
1382 Union Pacific Bldg.,  
OMAHA, NEB.

## Hold Fast to Your Poultry

A Harvest in Store For the Man Who Has Faith

Nobody knows better than the poultry buyers and dealers how many chickens have been rushed onto the market since the first drouth scare. And it seems the end is not yet in sight, for heavy receipts of all kinds and sizes of birds are still the rule. By far the larger proportion is stock that is in anything but marketable condition. But the object in selling seems to be more to get rid of the chickens that we fear are going to "eat their heads off" on high priced grain, than the returns they will bring when marketed. "With our thirty years' experience as buyers of poultry on this market we have never seen our farmers better prepared to keep their fowls or apparently more anxious to donate their hard earned poultry profits to the packing house interests." This is what Frank Cope, one of the largest poultry buyers of Topeka, writes to the Mail and Breeze.

"Many persons are evidently making a mistake," he continues, "in rushing their poultry to market as some have already done with their livestock. But the very condition that has caused such an advance in price of feed is sure to advance the price of poultry later in the season."

"Packing houses are becoming congested and paying prices are being forced lower. The packers will reap a rich harvest at the expense of the poultry producer by holding this surplus until the supply is reduced to a minimum at which time those of us who enjoy fresh killed fowls will be compelled to pay fancy prices or eat frozen dainties."

"During the hot weather of August and September chickens took on but little fat. Now with cooler weather and an abundance of good forage produced since the bountiful rains have fallen they will require but little grain and will soon be through moulting and improved in appearance. They will gain weight and with the advance in price those who hold and take proper care of their chickens will undoubtedly be well rewarded."

The man who has enough faith in the poultry industry to hold onto his chickens is the one who will reap the harvest this fall and winter. Feeds are a little higher, but what are the odds when this difference can be made back several times over in the increased prices eggs and fowls will bring over former seasons? Poultry products cannot help but go up in sympathy with pork and beef which are bound to reach new, high levels before the winter is over.

### To Teach Egg Candler.

An egg candling demonstration car will be sent through Kansas next summer if the railroads agree to haul it free of charge. The car is sent out by the department of agriculture to teach egg buyers and poultrymen how to handle eggs in hot weather. W. A. Lippincott, head of the poultry department at Kansas Agricultural college is co-operating with the Kansas Retailers' association in bringing this car to the state.

### Profits When Feed Is Bought.

Can poultry for the meat market be made to pay where the feed is all bought? If not, can the purebred poultry business be made to pay when feed must be bought?—E. F. J., Jefferson county, Kansas.

Under ordinary conditions it will not pay to buy feed to raise poultry for meat alone. The best returns from poultry come from egg production, the meat being an important by-product. The purebred poultry business can be made to pay provided the man entering the business has two qualifications, one being a thorough knowledge of the breed he is taking up with a skill to breeding them, and second his skill in advertising.

**W. A. Lippincott,**  
Kansas Agricultural College.

### Chicken Profits on Town Lots

READERS' EXPERIENCES.

Mr. Editor—I started last year with 12 hens and a rooster hatched from eggs I secured from a White Rock breeder. I moved them here April 1 and in four and a half months they laid 866 eggs, in spite of extreme heat, broodiness, and moulting. We have sold 13 fries, eaten a number, and now have

about 60 young chickens, some of which will lay by December 1, although I have not forced them. I feed plenty of soaked oats, some small grains, dry mash, and I always make sure they have fresh water three or four times a day. We have only a 50-foot lot, which the chickens must share with a garden and space for the clothes line.

**Joplin, Mo.** **Mrs. C. S. Tisdale.**

### A Profitable Side Line.

Mr. Editor—I am a traveling salesman and live in town, but I raise chickens and find it profitable as well as a pleasure. I wired off 30 feet from the rear of my 50-foot lot and built a 6 by 8-foot house with scratching shed in front. I started with 8 purebred Buff Orpington hens and a rooster. I built roosts on a frame which were hinged to the back of the house, the front being held up by means of a hook on each side. This makes all parts of the house easily accessible and I keep it perfectly clean. Vermin have never bothered the birds and we have never had a sick fowl. I keep an accurate record of the business, charging all expenses and giving credit for all returns. I have been in the game two years and the chickens have paid for their feed, their home, and I am \$20 to the good.

**Iola, Kan.** **D. A. McDonald.**

### Tried Remedies for Cholera

VOUCHED FOR BY READERS.

Mr. Editor—I have found a sure cure and preventive for cholera in chickens in the following: Two ounces each of carbolic acid, logwood, tincture of iron and 4 ounces of black antimony. Put these in a 3-gallon jug and fill it up with strong red pepper tea. Give 1 tablespoonful in each gallon of drinking water until the birds are cured. As a preventive of cholera put it in the drinking water once or twice a week. This preparation is poisonous and must be carefully handled.

**Scranton, Ia.** **Mrs. C. R. Hunter.**

### Prevention Beats a Cure.

Mr. Editor—I have been reading the articles in the Mail and Breeze and have found a great deal of information in them. In a recent issue there was an inquiry for a cholera cure. I have been using a cure that I have found very good, in fact I may say absolutely sure. It is made up of 2 ounces each of capsicum, alum, resin, and sulphur. These should be thoroughly pulverized and mixed. I use a heaping teaspoonful of the mixture to 1 quart of meal. Sanitary conditions have a great deal to do with warding off cholera and coppers in the drinking water is a good preventive.

**Waurika, Okla.** **Mrs. C. H. Lund.**

### Norton Roads Are Good.

The good roads boosters on their way from St. Joseph to Denver, were met by 18 automobile loads of business men from Norton at Prairie View and escorted on to Norton where a large crowd was waiting for them. W. S. Gearhart said the first six miles of road west of Norton is the best they had passed over and that more interest seems to be taken in this county in good roads than in most counties in northern Kansas.

### ARTHUR CAPPER'S STORY OF THE PANAMA CANAL.

A Special Edition Just Published for Free Distribution Among Our Readers.

We have just taken from the press a large edition of what many people have said is the most comprehensive and most interesting story of the Panama Canal ever written. The story is published in book form, filling 36 pages and containing many interesting illustrations.

Mr. Capper spent several weeks in the Canal Zone and wrote this story as he inspected the canal from one end to the other. The book is well bound with a full page illustration on the front and back cover. All the interesting facts about this greatest of the world's great engineering feats are told in this newest Panama Canal book.

By manufacturing this book ourselves and printing a very large edition we are enabled to distribute these books, free and postpaid, among our readers on the following offer: One book given to all who send 25 cents to pay for one new, renewal or extension subscription to Capper's Weekly (formerly Kansas Weekly Capital). Two books given to all who send 50 cents to pay for a three years' subscription. Send in your own subscription or the subscription of a friend and get all the interesting facts about the great Panama Canal. Address Capper's Weekly, 204 Capper Bldg., Topeka, Kansas.

## Reliable Poultry Breeders

### FARMERS MAIL AND BREEZE POULTRY RATE.

The rate for advertising under the "Reliable Poultry Breeders" column is 5c per word each time for 1, 2 or 3 insertions and 4½c per word each time for four or more insertions.

### DUCKS.

**INDIAN RUNNER** drakes \$1 each. Nellie Wolfe, Long Island, Kan.

**FAWN AND WHITE** Indian Runner ducks \$1.00 each. Pure white, \$1.50 each. W. W. Stover, Fredonia, Kan.

**ENGLISH PENCILED** Indian Runner ducks and drakes \$1.50 each. Clyde Creglow, Burlington, Colo.

**INDIAN RUNNER** ducks. Topeka fair winners. Satisfaction guaranteed. Burt White, Burlingame, Kan.

**75 INDIAN RUNNERS.** Three strains. Not related. "Chalk White" Wyandottes. G. B. Clary, Fairbury, Nebraska.

**FAWN AND WHITE** Indian Runner ducks and drakes, year old and young, \$1 each. Xena Riggs, Weatherby, Mo.

**INDIAN RUNNERS.** Fawn and white and penciled. Walton strain. Ducks laying now \$1 each; drakes \$1.50; trio \$3. Mrs. Ed Bergmann, Route 9, Paola, Kan.

### ORPINGTONS

**PURE BRED S. C. Buff** Orpington cockerels \$1.00 each. Vera Schabie, Fairview, Kan.

**S. C. PURE BRED** Buff Orpington cockerels. Old hens, one dollar each. Chas O'Roke, Fairview, Kan.

**COOK'S STRAIN** Single Comb Buff Orpingtons. Hens, cockerels and pullets \$1 each if taken now. Also Light Fawn and White Indian Runners from 280 white egg strain. Bargain \$3 a pair. Frank Fisher, Wilson, Kan.

### PLYMOUTH ROCKS.

**BUFF ROCKS**—A few breeders and young stock for sale. William A. Hess, Humboldt, Kan.

**FINE BARRED ROCK** cockerels \$1.50 each. Vigorous, farm raised. Mrs. H. Buchanan, Abilene, Kan.

**BIG TYPE BARRED ROCKS.** Choice pullets eighteen dollars per dozen. Fine cockerels half price. A. H. Duff, Larned, Kan.

**WHITE ROCK** cockerels from my inimitable strain prize winners. Possess true Rock type. Hardy, vigorous. May hatch. Rare chance for quality stock. Sidney Schmidt, Chillicothe, Mo.

### WYANDOTTES.

**BUFF WYANDOTTES.** Prices cut for balance of season. Eggs from all our breeding pens at \$1.50 per 15, \$5.00 per 100. Baby chicks \$1.50 per dozen. Send for mating list. Wheeler and Wylie, Manhattan, Kan.

### RHODE ISLAND REDS.

**LARGE,** brilliant cockerels and pullets. Sunnyside Farm, Havensville, Kan.

**NEOSHO POULTRY YARDS.** Rose Comb Reds. We still survive the drouth and have a few male chickens for sale. J. W. Swartz, Americus, Kan.

**MAKE ROOM SALE.** R. C. Red hens. Good winter layers. Utility stock. \$1.00 each; \$10.00 doz. Mrs. Walter Shepherd, Woodward, Okla.

### LEGHORNS.

**CHOICE** Buff Leghorn cockerels half price for next 30 days. Alf Johnson, Leonardville, Kan.

**ROSE COMB WHITE LEGHORNS.** Cockerels from prize stock. A. G. Dorr, Osage City, Kan.

**SINGLE COMB BUFF LEGHORN** cockerels, 30 days' special. Mrs. Frank Wempe, Frankfort, Kan.

**100 PRIZEWINNING** Single Comb Brown Leghorn cockerels, 75 cts. each. Chas. Dorr, Osage City, Kan.

**FOR SALE**—A choice lot of S. C. White Leghorn cockerels. Extra fine stock. Harry Glavin, Madison, Kan.

**PURE BRED** Rose Comb White Leghorn hens and cockerels 75c and \$1.00 during October. Jennie Martin, Frankfort, Kan.

**A FEW** cockerels, breeders of utility stock, Single Brown Leghorns, the egg machine. Prices right for next 30 days. Also Buff Cochins Bantams. H. C. Short, Leavenworth, Kan.

### SEVERAL VARIETIES.

**BRONZE TURKEYS** and White Rocks. Very reasonable. E. Bidleman, Kinsley, Kan.

**48 VARIETIES.** Poultry, Pigeons, Ducks, Geese, Turkeys, Guinea, Incubators, Dogs. Catalogue 4 cents. Missouri Squab Co., Kirkwood, Mo.

## 3 Pairs Hosiery \$1.00

Guaranteed for 3 months, both as to wear and satisfaction. Made of highest quality yarn—reinforced foot and high heel. OAK HOSIERY CO., 131 So. 11th St., Philadelphia, Pa.

## Poultry Magazine

Big 20 to 40 page illustrated monthly magazine of practical, common sense chicken talk. Tells how to get most in pleasure and profit from poultry raising. 4 months on trial only 10c. Poultry Culture, 800 Jackson, Topeka, Kan.



# CROPS and FARM WORK

(Crop Reporting Service of the Farmers Mail and Breeze.)

Only one county in the state, Gove, has reported a killing frost thus far. All vegetation is making a remarkable growth for the time of year. Good wheat pasture before the middle of October is almost an unheard of thing for Kansas. But so it happened this year. In fact, some wheat was being grazed the first week in the month. Another cutting of alfalfa is assured. The growth is there and all that is necessary is to get it harvested before frost blights it. In Chautauqua county a second crop of prairie hay is being put up.

With all the rain that has fallen stock water is still scarce in some localities. In Coffey county, Kan., says our correspondent, water for stock is being hauled through the mud, strange as that may seem. The soil was so thoroughly and deeply dried that it has absorbed every drop of rainfall thus far and there is little or no surplus as yet to collect in ponds or even wells.

Recent reports from western Kansas counties bring the hopeful news of scarcity of grasshoppers as compared with recent years at this season. Whether this shortage was brought about by natural agencies or through the poisoned bait campaign, it would be difficult to say. But the important thing is that the hoppers are gone. Now with some judicious fall working of soil in which hoppers are most apt to lay their eggs, this insect pest should not be the serious problem next season it has been for several years past.

## KANSAS.

**Franklin County**—Plenty of rain and weather is very favorable for wheat. Early sowings up and show a good stand. If good weather continues alfalfa will make another cutting. Stock selling well at sales. Corn 83c, butter fat 28c.—H. O. Cain, Oct. 11.

**Stanton County**—Several good rains the last 10 days. Ground is wet down about 30 inches and is in good condition to sow wheat but not much being put out. Late feed not out yet. Grass is green and have had no frost so far. Eggs 15c, butter 25c.—G. S. Greger, Oct. 8.

**Labette County**—Plenty of rain the last three weeks. Farmers are nearly through sowing wheat. First sowings are nearly ready to graze. Everybody is hoping for an open winter to pasture wheat. Wheat 85c, corn 80c, oats 45c, butter 28c, eggs 22c.—Wilbert Hart, Oct. 4.

**Washington County**—Farmers are all busy. Not all wheat is sown yet. Sowings put in two weeks ago are showing up well. A number of farmers are wanting to plant feterita next spring. Those having seed to sell would do well to advertise in the Mail and Breeze.—Mrs. Birdsey, Oct. 11.

**Chautauqua County**—Rains are abundant and everything is green again. Will have another crop of alfalfa. All fall wheat is sown. Many farmers are cutting a second crop of prairie hay. A good deal of road work has been begun. Corn 90c, Caddo cake 11.50, prairie hay 65c a bale, butter 30c.—F. B. Mantooth, Oct. 10.

**Rawlins County**—Ground is in ideal condition for fall seeding. About 75 per cent of wheat has been sown. Early sowings are up nice and green. Hoppers are working on some fields but not as bad as last year. Some nice pasture on barley stubble. Plenty of feed for winter.—J. S. Skolout, Oct. 6.



Some Trego county bottom land corn which will make 25 to 30 bushels an acre. It was grown by John Salladay, southeast of Wakeeney, Kan.

**Coffey County**—Cooler weather. Have had considerable rain but no stock water yet. Stockmen are hauling water in the mud. Pastures are good and fall sown wheat and alfalfa are doing fine. Failure of kafir crop has sent a lot of chickens to market. Hogs bringing good prices at sales.—Mrs. A. H. Stewart, Oct. 7.

**Kingman County**—Plenty of rain the last three weeks. Wheat nearly all sown and early sowing will soon do to pasture. Several cars of cattle have been shipped in lately. Cows are high but horses and mules have gone down. Calves are selling at \$18 to \$25 a head. Hogs \$8, corn 85c, oats 52c, wheat 8c.—E. F. Shelman, Oct. 4.

**Wichita County**—Fine weather. Early wheat is covering ground and seeding still in progress. Ground is in finest condition in years. Moisture has gone down deep due to good rains in September. The state's supply of seed wheat was a great thing for this country. Corn 93c, potatoes \$1.50, butter fat 28c, butter 25c.—J. E. White, Oct. 11.

**Trego County**—Wheat sowing is in order and all the crop is coming up soon after drilling. As large an acreage as usual is



This Trego county cane made 4 tons to the acre. The field is on the farm of Frank Wanner near Wakeeney.

being put in. A lot of calves are being shipped out at from \$26 to \$30 a head. Cows bring \$45 to \$65. Alfalfa hay \$15, apples \$2, potatoes \$1.50, wheat 85c, oats 50c, corn 94c, butter 30c, eggs 25c.—E. L. Dean, Oct. 6.

**McPherson County**—Wheat looking fine. Not much ground left for spring crops after putting in wheat. Have best pasture now in two months. A lot of rye sown for pasture. Cattle selling well. Many farmers selling off chickens to avoid buying feed. Corn being shipped in at \$1. Wheat 83c, butter 25c, eggs 24c.—M. D. Waldo, Oct. 13.

**Sheridan County**—Early sown wheat looks fine. The wheat acreage will exceed early expectations. Grasshoppers have disappeared and there are no other insects to bother wheat. Plenty of feed for all stock in the county. Cattle doing well and sell high at sales. Horses very low. Wheat 86c, corn 92c, eggs 15c, cream 28c.—R. E. Patterson, Oct. 13.

**Ottawa County**—Wheat seeding almost finished. Early sowings cover the ground and stock has been turned on to graze. Ground is thoroughly soaked. Fine fall weather is making good some of the damage done during the summer. No damaging frost yet and last cutting of alfalfa promises a good yield. Cattle selling well at sales.—W. S. Wakefield, Oct. 11.

**Douglas County**—The long drouth and severe heat hit the fruit crop hard here. Apples did not make more than 10 per cent of a marketable crop. The writer tried watering some trees and it seemed to help the foliage but the fruit fell just the same. A few trees near the well were thoroughly soaked and often but lost their fruit too.—R. L. Smith, Oct. 8.

**Barber County**—Plenty of rain now to prepare ground and seed wheat. The prospect for wheat pasture was never better. Fewer hoppers here than in years. Conditions are fine for starting alfalfa. Alfalfa on some fields will make another crop but a light one. Wheat acreage probably larger than ever before. A small per cent of kafir will head out. About all brood sows are being fed out. Corn 86c.—G. H. Reynolds, Oct. 10.

## OKLAHOMA.

**Pushmataha County**—Rain is causing trouble with cotton. Plenty of sweet potatoes but no market for them. Hogs and cattle bring good price. Horses and mules dragging. Hay \$20, corn 90 cents.—K. D. Olin, Oct. 11.

**Ellis County**—Weather is fine. Most wheat sown and early sown fields are large enough to be grazed. Acreage is the largest that has ever been put out in this part of the country. Ground is in fine condition. Hogs \$7.50, butter 20c, eggs 15c.—W. E. Sells, Oct. 10.

**Pottawatomie County**—Had 5 1/4 inches rain since September 7, and nice growing weather all the time. Wheat, rye and alfalfa are doing fine. Most corn is gathered, and yielded from 25 to 40 bushels. Cotton picking moving along nicely. Potatoes \$1, alfalfa hay \$16, prairie hay \$10, eggs 25c, butter 25c.—L. J. Devore, Oct. 7.

**THE** corner stone of the business structure of the J. W. Jenkins' Sons Music Company has always been **RELIABILITY**. Keeping absolute faith with the customer is our business religion. There are no catch penny schemes in our advertising—no ridiculous offers. We quote the price of our piano in plain figures. It is positively the lowest price for which equal quality could be sold by anyone in the world. You'll never hear of this price being less. We don't quote you a first price that is \$100.00 higher than the piano is worth and then grade it down if you "haggle." We tell you the rock bottom price first off—a discount would be impossible. No one could buy the piano for one cent less. Now, is this the way you like to be dealt with? Or would you prefer to be angled at with deceiving baits and in the end not know what your piano is worth, whether you could have bought it for less or how much genuine quality it possesses?  
**J. W. JENKINS, President**

**\$5 PER MONTH**

**PREPAID TO YOUR STATION.**

Lebo, Kan., Aug. 31, 1913.  
To J. W. Jenkins Sons Music Co., Kansas City, Mo.  
Dear Sirs:—Since we bought an Elburn piano two years ago it is in a fine condition and we are all well pleased with it. Everybody having heard it praised for its rich sweet tone. Many people were surprised at its very high tone and quality for its very low price and liked its very plain but rich appearance. Very truly yours,  
(Signed) U. Grant Miller.

Polo, Mo., Aug. 27, 1913.  
J. W. Jenkins Sons Music Co., Kansas City, Mo.  
Gentlemen:—Enclosed please find check for a payment on piano. Resp't yours,  
(Signed) D. B. Burnett.  
P. S.—Thanks for the courtesy shown us. If you have a prospective buyer in our neighborhood for an Elburn refer them to us.

THE two greatest factors in making the J. W. Jenkins' Sons Music Company the largest piano enterprise in the West are these: First: Consistently giving the customer the highest quality obtainable for the money he spends; Second: Standing personally behind every sale, not merely with our guarantee, but with conscientious service and thus making every buyer a friend glad to pay tribute to our methods whenever he can.

## This Elburn Piano at Our Price of

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To buy equal quality in the average store you would positively pay \$275 to \$375. We couldn't afford to make this statement unless the piano had the merit to prove it. Indeed we want you to put it to the test yourself. We want the piano to make its own argument in your home. No smooth salesman will go with it to confuse you with technical "big" talk. You do your own investigating. Have every unprejudiced musician in the neighborhood try it out. Ask any and all of your friends to compare it with the pianos that cost more.

## You Test the Elburn Free in Your Own Home—

**We Pay the Freight** It is just as simple for you to see and try the Elburn as if you came here to our store. And the test won't cost you

a cent. You simply send a small amount as an indication of good faith. We ship the piano to your address and you put it to every test you wish. If you decide the Elburn does not measure up to our description, send it back. We pay all of the expense and send back your money at once.

Don't buy your piano in the dark—buy it in the broad daylight. The Elburn will be like your best friend—the more you see it and play it the higher it will rise in your esteem. Thousands of Elburns are in homes of the Southwest and we have thousands of letters like the ones quoted in the advertisement testifying to its high quality. Remember we adopt no circus methods—we steer clear of all schemes that aim to attract trade by the appearance of giving something for nothing.

We believe that our expert, conscientious service, the integrity of our methods and our economical prices are the best possible inducements to the customer. There'll be no after regrets if you buy an Elburn.

## Only \$5.00 Monthly

We give you the privilege of paying for your piano in easy installments—payments so small you'll never miss the money. It's simple, safe and satisfactory to buy a piano of Jenkins.

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Please send me your free Elburn Catalogue and the pamphlet describing the Elburn and the Jenkins' plan.

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## Team Work Will Make Roads

### That is All Kansas is Waiting For

From an address by Arthur Capper, President of the Kansas State Good Roads association, on "Enlisting the Co-operation of the Farmer in Building Good Roads," delivered at the annual convention of the Kansas State Automobile association, at Hutchinson, October 8.

THERE are more than 25,000 miles of public roads in Kansas and nine-tenths of them are rutty, muddy or dusty.

As a people we are spending—and partly, if not largely mis-using—more than a million dollars a year on our roads. Our road work goes by fits and starts. It is sporadic, irregular, transitory. There is no real plan or system about using the money or doing the work. No timely and efficient supervision or maintenance. Consequently the work is done in a labor-wasting, money-losing way and the benefits are short-lived and fleeting—often wiped out by a single storm. This in itself is a great discourager to spending more money in the same desultory way.

Except in rare instances we are not showing results. We need men whose business it is to work the roads and be responsible for their condition. We need the right kind of road overseers behind them and we need something much livelier than the usual dead-alive county board behind the townships, a board that will keep the road fund busy and make it work harder than any Kansas road money ever worked before.

#### We Have Enough Road Money.

We can double the mileage of good roads in Kansas in three years if the money we now have available is properly used. The books of almost all counties will show that we have enough money—we have had enough for several years—to improve every mile of roads in the state. The first call should be: Not more taxes, but competent men to spend properly the taxes we now pay. The law requiring every county to classify its roads should be enforced.

I am convinced this is the way to go about getting good roads for Kansas, to overcome apathy, and start an active do-something kind of enthusiasm for road improvement that will get somewhere.

Kansas will have permanent roads whenever she wants them. Legislation awaits public sentiment—a generally aroused, organized public demand. The next great era in the development of western civilization is going to be called by the historian The Era of Road Building. We are now at the very threshold of that era. No state can longer allow itself to be handicapped by mud. The economic waste is too enormous. Not in the future can there be such a thing as a really great up-to-date state without good permanent roads.

#### County Roads Should Be First.

To whose advantage is it to have a road for the farmer to come to town? Not all the farmers' by any means. The whole food supply of the world passes annually over country roads. The farmers and the farms are the great and abiding support of the cities. Heretofore, the farmer alone has had to pay for the cost of the road to town. We of the cities must now make it plain that we are willing to take care of our share of the cost.

Every farmer feels it is not so important to build roads across the continent, or from one city to another. What he needs is roads from the various railroad stations and market points out into the country districts so that he can haul his produce to town and make the necessary journeys easily and quickly. The interstate boulevard is a good thing and will surely come, but the pressing need now, according to the farmer's viewpoint, is better roads to the depot, the church and the schoolhouse. It is quite possible to make earth roads that will be serviceable and satisfactory for thinly populated sections, and the work of improving these earth roads is just as important to farmers as the building of macadam or other expensive roads in and about the towns. The requirements for a good road in Kansas are not the same in all cases; one district may need macadam, another a little common sense drainage and the splitlog drag, and the deep, sandy road still different treatment.

Every mile of road in Kansas must have a competent man who shall be directly responsible for its upkeep. The labor tax and the annual "road-working" will not make good roads, or keep them good; nor will any appropriation, however great, without provision for continual supervision by a competent man whose business shall be to keep the roads in good condition.

In Kansas we build roads and never touch them again for many years, and expect them to last. Suppose a railroad did not have a section gang to keep up its roadbed? In France, Germany, and other places in Europe, they have men constantly on the roads to keep them up. We must do likewise. And if we are going to have the co-operation of the farmer we must spend as much on maintenance as on the original construction; then we will get good roads.

For the present and for years to come the construction of dirt roads and their maintenance is bound to be a most vital problem for the highway engineer and road official. While, of course, effort will be directed toward putting main traveled highways in condition for harder surfaces, it is absolutely true that every move which tends to place these highways in such a condition is a step toward making them perfect dirt roads. But highways of this class that are being brought to a high state of perfection, necessarily constitute a small percentage of the total over which the products of the country must be transported.

#### Everyday Supervision Needed.

The hundreds of thousands of miles of road which must of necessity be maintained in passable condition as dirt roads for many years to come, are worthy the most careful study of road engineers and students of road work.

Investment of money in new roads does not become real economy until provision is made for keeping these new roads in condition after they are built. We must not forget that trained and experienced men are necessary to secure the best results from the expenditure of road funds. The only way to get and keep good roads is to provide for everyday supervision of every mile of road by someone whose duty it is to keep that mile of road good at all times, and he should have the authority and money to do it.

A great deal of education of public sentiment will be necessary in advance of these progressive measures. You must show the man who farms where he and his family, and not the pleasure-seeking automobilist, is to be benefited.

#### Where Poor Roads Do Most Harm.

What is the best product of every Kansas farm? Is it the hogs? Is it the corn? Is it the fruit? Is it the cattle, or the sheep? It is none of these, it is the boys and girls. They are the flowering of Kansas' civilization. They constitute the best blood, brawn, muscle, and brain of the Kansas people. It is these boys and girls who rapidly are being led away from the farms by the unwholesome condition brought about by bad roads. They are going to the cities. The cities of America have grown by leaps and bounds in the last few years. One of the principal causes is bad roads, which often make it practically impossible to get to school or have such intercourse socially as young people desire.

We need some more laws to have good roads, but more than all we need co-operation.

If farmers can be made to feel that their road money will be honestly and intelligently expended, we will soon reach their civic consciences and arouse their convictions.

#### Show Farmers You Mean Business.

I have faith in our farmers and their good common sense; I have been among them and know them. When you put before them a plan in which they have confidence, they are not niggardly, narrow, nor parsimonious. All you have to do is to appeal to their judgment, to their pride as citizens.

## Wadsworth Light Kerosene Tractors

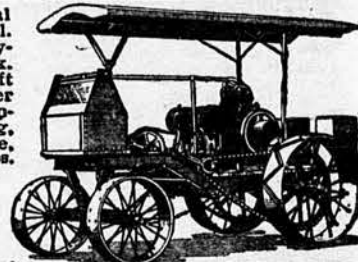
### Solve Every Farm Power Problem And Just Look at the Price!

\$600 to \$990 gives you a Wadsworth light general utility tractor suitable for your farm—large or small. Tested and proved in actual farm work. Will go anywhere horses can, and do many times as much work. Light weight—does not pack soil, sink into soft ground, or injure roads like heavy machines. Never gets tired. Runs only when at work. Best and cheapest power for plowing, harrowing, disking, harvesting, haying, building roads, logging, spreading manure, hauling produce to market and doing other horse-killing jobs. Better than stationary and portable engines for operating threshers, ensilage cutters, feed grinders, pumps, wood saws, electric light plants and other machinery requiring power. Reduces cost by doing more work with less help.

#### Get the Book of Tractors—Free

Learn how Wadsworth Tractors operate on kerosene, which is cheaper, safer and gives more power per gallon than gasoline. How they also operate on gasoline or distillate, so you don't have to rely on one fuel. How any boy old enough to trust with a team can handle any Wadsworth tractor. Handiest tractor ever built; made better than they have to be. A sure investment for any farmer. Six sizes—4 to 18 h. p. Our free booklet tells the whole story—send for it today.

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**\$600 to \$990**

## STARK TREES AT LOUISIANA, MO. SINCE 1816

### Plant this Fall Sure

Don't let this season go by without getting Stark Trees in your orchard. Right now is the time to get your order in for Fall planting. Fall is the best time to plant. The tree establishes itself and is ready to start growth early in the spring with strength to withstand summer droughts.

#### Stark Delicious

—the apple masterpiece—exquisite flavor—makes top record profits for growers. Hardy, thrifty tree—fruit large, brilliant, waxy red—a wonderful keeper. Free Year Book tells all about Stark Delicious.

#### Stark Orchard and Spray Book

—best orchard guide, from buying trees to marketing crops. Most modern practical spray book. If you grow fruit don't miss it. Send name today on postal. Ask for tree prices for Fall planting.

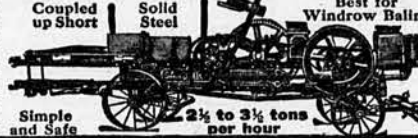
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You too, can make \$200 to \$300 clear profit monthly! Farmers pay liberally to have their hay baled by this solid steel, big tonnage Sandwich that doesn't break down in the middle of a job—that turns out clean, slick, solid bales, rain or shine, one and two a minute.

It has hopper cooled Gas Engine mounted on same truck, 4, 6, 8 or 10-horse power—gear driven magneto—the most complete outfit in existence. The Sandwich beats all ordinary presses 2 to 8 tons daily in every working test. 25 tons are its every day job—often 30 to 40. Full power delivered to Press by heavy steel roller chain—it does away with slipping, stretching belts. Simple time-tried self-feeder—with big feed opening. Simple and Safe. Coupled up Short Solid Windrow Baling. 2½ to 3½ tons per hour.



Best for us today for your copy by return mail. Ask for our special terms that let you start with little money and pay from your profits. Address: SANDWICH MFG. CO. 180 A St. Sandwich, Ill. Box 189, Council Bluffs, Ia. Box 189, Kansas City, Mo.

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We teach you how to run and repair automobiles in six weeks and fit you for a good paying job or we don't charge one cent. Practical instruction, plenty of road work, etc. Only school teaching pattern making, moulding, casting, etc.

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To advertise our business, make new friends and introduce our catalogue of Eight Watches we will send this elegant Railroad watch by mail post paid for ONLY \$1.00. Gentleman's size, full solid silver plated case, locomotive on dial, lever escapement, stem wind and stem set, a perfect timekeeper and fully guaranteed for 5 years. Send this advertisement to us with \$1.00 and watch will be sent by return mail post paid. Satisfaction guaranteed or money refunded. Send \$1.00 today. Address: R. E. CHALMERS & CO., 538 So. Dearborn St., CHICAGO.

But first of all, we must create an intelligent sentiment and appreciation of the importance of public roads, based on a fair and intelligent idea of how best to build and maintain the roads; then the question of taxation will adjust itself. And your association by sending its missionaries day after day among the people can be one of the most powerful factors in settling this great question of "More and Better Roads for Kansas."

#### It's Better Than Feterita

I notice some inquiries in The Mail and Breeze regarding feterita. I have raised a grain this year that has proved even superior to the feterita grown around here, although the feterita beat the kafir and milo. The grain I raised was Schribar corn, similar to feterita, but it grows more evenly, and is positively the best drouth-resisting plant of any kind I ever have seen. It made a crop of 30 bushels or more an acre for me, on thin land, and with scarcely any

#### Roof Your Silo With Steel

The Economy Galvanized Steel Roof is securely nailed to rafters which adds strength to the silo. It is permanent—easy to put on. When connected with a grounded wire protects your silo from lightning. The Economy Roof fits silos of all constructions. Wood, cement, hollow tile, brick or steel. It's cheaper, and more durable than wood. Write for illustrated folder. ECONOMY STEEL PRODUCTS CO., 22 N. Third Street, DES MOINES, IOWA

rain—less than two inches between May 15 and September 10.

I think this grain will be the salvation of all dry countries. It does not curl or fire during the hottest weather, but keeps right on growing. It has a small root system. I had only a small field this year, but will plant much more next year. The grain and fodder are both splendid for horses, cattle and all stock. A dozen or more small fields of Schribar corn were grown around here this year, and every one matured a good crop, while milo and kafir made practically nothing. A. Luther. Enid, Okla.

If you have a dislike for fruit and vegetables this is a good year to use it.



### The Kingdom of Wheat

A few years ago Summer county was producing the greatest wheat crops of any county in Kansas—and was commonly known as the banner wheat county of the world, says the Caldwell News. But the price was pinched down until there was nothing in it and the farmers turned to corn, kafir, hogs, and dairying, and wheat was neglected.

This fall "a change came o'er the spirit of their dream," and all one can hear now is wheat—wheat. As showing what this immediate vicinity proposes to do in wheat, a list of a few of our farmers and their wheat acreages follows:

Acres	Acres
W. Huffman.....600	S. W. Graves.....150
Moore Dial.....700	F. Metzinger.....200
J. J. Williams.....300	W. Krenke.....250
J. W. Moore.....250	Chas. Krenke.....150
Joe Horn.....200	Jas. Subera.....200
H. H. Werneke.....300	Melo Subera.....150
J. A. Bailey.....250	Fred Cloud.....100
P. R. Schmidt.....230	L. E. Swain.....800
E. E. Cox.....200	Geo. Kubik.....200
T. E. Downing.....500	Chas. Kubik.....200
T. W. Smith.....480	Jos. Kolarik.....500
Louis Larson.....300	Jos. Nulik.....800
J. Skoog.....200	J. V. Jenista.....300
W. W. Brattin.....330	J. R. Jenista.....300
E. D. Metcalf.....300	John Jenista.....300
J. W. Rains.....250	F. M. Snowden.....200
E. A. Baker.....160	A. C. Showalter.....150
Aubrey Doty.....160	C. O. Carlson.....200
H. Cortelyou.....250	D. E. Kubik.....200
R. Cortelyou.....175	Jerry Lebeda.....200
J. R. Prather.....150	John Lebeda.....200
Frank Gaston.....150	Frank Lebeda.....400
J. D. Roe.....150	J. Chamberlain.....300
J. D. Roe.....150	H. Metzinger.....200
Henry Roe.....150	

So far as reported this is a fair average for the county, and at this season conditions and prospects were never better.

Besides the great wheat fields, many of the farmers have fields of alfalfa—and the annual increase is considerable. Tributary to Caldwell there is an estimated acreage of more than 7,000 acres of alfalfa.

Corn and kafir have been very profitable, as well as cowpeas and broomcorn. Dairying is an important industry, and eggs and poultry bring in stacks of money. But wheat is the great market product of this region.

### Farm Books For Farm Readers

In the last few weeks the Farmers Mail and Breeze has received some excellent new farm books on a variety of subjects of particular interest to farm folks. Should any of our readers wish copies of these books they may be had by writing direct to the publishers. In ordering please mention the fact that you read of these books in the Mail and Breeze. The following is a list of books we have examined and can recommend, together with the publisher's address and price by single copies:

The Call of the Land, by E. Benjamin Andrews, former chancellor of Nebraska University. Published by the Orange Judd company, New York City. Price \$1.50.

Farm Manures, by Charles E. Thorne, director of the Ohio Experiment station. Published by the Orange Judd company, New York City. Price \$1.50.

A Catechism of Agriculture, by Thomas C. Jackson, professor of animal husbandry at West Virginia university. Published by the Orange Judd company, New York City. Price 50 cents.

Tractor Farming and Traction Engineering, by James H. Stephenson. Published by the Frederick J. Drake company, Chicago. Price not given.

Human Arithmetic, by C. W. Burkett and Earl D. Swartzel. Published by the Orange Judd company, New York City. Price \$1.

Productive Swine Husbandry, by G. E. Hays, professor of animal husbandry, Ontario Agricultural college. Published by the J. B. Lippincott company, Philadelphia, Pa.

The Book Farmer (a story), by Garrad Hays. Published by Harper and Brothers, New York City.

### From 1 Acre of Tomatoes—\$1,000

A thousand dollars from a single acre of tomatoes is the mark J. L. Martin of Hutchinson, Kan., has set for his patch and from present indications the crop will reach it. Mr. Martin had realized \$800 up to the first week in September and the large number of green tomatoes still on the vines will easily bring the total up to \$1,000. Mr. Martin has found ready sale for all his tomatoes at prices ranging from 4 to 7 cents a pound. At present he is receiving from \$1.75 to \$2 a bushel. Mr. Martin has figured that his entire expense on this acre-patch, including all labor, will be covered by \$200. Thus he will have \$800 left as clean profit from one acre of ground. Not many Kansas acres have done this well in 1913. Mr. Martin's tomatoes were not irrigated but the underflow provided plenty of moisture during the dry season.



The Range with a Reputation

### "Years of Experience Have Proven to Me That the MAJESTIC Range IS the Best"

"Strange, that for years, I couldn't see that trying to get good work from an old, worn-out range, merely to save the price of a new one, was not true economy. My Great Majestic has more than earned its cost in the saving of fuel alone, because the open seams and joints in my old, worn-out range where the bolts were loose and the putty had crumbled away, made me burn twice as much fuel as necessary. "Talk about luck in baking—"luck" is nothing but good oven and my Majestic oven is simply perfect. I can depend on it absolutely every day. I believe father and the children are happier and I know we have better meals at less expense with our Majestic."

### Don't Buy Any Range Sight Unseen

Buying a range isn't an every day transaction. To be absolutely sure of complete satisfaction—don't buy from printed descriptions—see the Great Majestic (dealer in nearly every county in 40 states) compare it point for point with any other range. Then you can buy intelligently and be sure of a range that will last a lifetime—the

## Great Majestic Malleable and Charcoal Iron Range

A Perfect Baker—A Fuel Saver  
Outwears Three Ordinary Ranges

ONLY range made of malleable iron and charcoal iron. Charcoal iron WON'T RUST LIKE STEEL—malleable iron can't break. Put together with rivets—joints always absolutely tight. Body lined with pure asbestos board, covered with iron grate—you can see it—insuring a dependable baking heat with half the fuel required in ordinary ranges.

All Copper Movable Reservoir—Other Exclusive Features  
Reservoir in direct contact with fire, heats through copper pocket pressed from one piece—exclusive patented feature. Oven thermometer—accurate all the time. All doors drop down and form rigid shelves. Open end ash pan—ventilated ash pit—ash cup. Contains Greatest Improvement Ever Put in a Range—increasing strength and wear of a Great Majestic more than 800% at a point where other ranges are weakest. Ask about it. Best range at any price. Any Majestic dealer can furnish any size or style Majestic Range with or without legs. Write for our booklet, "Range Comparison."

Majestic Manufacturing Company  
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It Should Be In Your Kitchen

## Blanket Bargains from Sears, Roebuck and Co.

For years we have been building a reputation on the high quality and remarkable value of our blankets and robes. This year we cap the climax with greater values than we have ever before been able to offer. At the right we show two representative bargains from our complete line which is fully described and accurately illustrated in our new special catalog of harness, blankets, robes, etc.

Whatever style, size or color of blanket or robe you want, you will find it in this book and at a price that cannot be duplicated elsewhere. For your own protection do not buy any blanket or robe anywhere without first comparing our values.

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From our "Little Dan" stable blanket made of burlap, at 73 cents, to our very heaviest all wool fawn blanket at \$8.75, every one of the seventy-five or more styles offers you absolutely the utmost for every dollar we ask. And every one of these blankets, from the cheapest to the most expensive, is guaranteed to satisfy you perfectly—to represent full value for every cent you have paid—to give the service you have a right to expect, or you may return it and we will exchange it for exactly what you want or will return your money, including any transportation charges you paid. This guarantee is backed by Sears, Roebuck and Co., the largest mercantile establishment in the world, and protects you against disappointment.

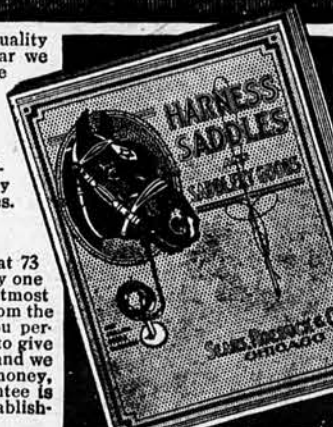
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Value, \$3.25 to \$4.00



Improved "Apache" Square Horse Blankets.

Combines all the good qualities of a wool blanket at one-half the price. Special attention paid to the weaving, which renders them very warm, strong and serviceable. Dark gray blanket with fancy border and body stripes. Average retail price, about \$3.25 to \$4.00. Two sizes.

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"Roswell" Burlap, Fabric Lined Stable Blanket.

One of our great bargains at \$1.40 for a full lined stable blanket. Short stay and two surcingles. The average retail price of this blanket would be about \$1.95. Size, 76 inches long. Shipping weight, about 7 pounds. No. 10N15533 1/4 Price, each.....\$1.40

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### The Bercha 20th Century Grinding Mill

is guaranteed to grind twice the quantity of any kind of grain or alfalfa hay with one half the Power required by any other mill—it costs no more than other kinds. Made by

**THE BEATRICE IRON WORKS, Beatrice, Nebraska**

You are invited to write them for free literature, cuts and prices. No obligation to buy.

### 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. \$4.00 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**



### Cured Sorghum Hay Safe

If farmers are careful to feed only sorghum hay which is thoroughly dry, there will be little danger of prussic acid poisoning. That is the advice of veterinarians at the Kansas Agricultural college who have investigated the trouble many farmers are having in feeding cane, kafir, and milo as roughage, says the Kansas Industrialist. If silage is to be made of these crops, allow them first to dry, and then if it is necessary, water may be added as they are put into the silo.

After a long-drouth, or when growth is stunted from other causes, the leaves of the sorghum often contain a large amount of prussic acid, the veterinarians say. It requires only a small amount of this acid to kill an animal, and death frequently comes soon after the sorghum is eaten. Prussic acid does not appear in appreciable quantities in a normal growth of sorghum crops, and it so largely disappears when a crop is dry that cured sorghum hay may be fed with safety. To be on the safe side, farmers, when in doubt, should try out the feed on a few animals. If no bad results occur within 24 to 48 hours, the feed may be considered safe.

A strong solution of glucose, which nearly every farmer has at hand in the form of "corn sirup," or molasses, may be administered as an antidote to animals that have been stricken after eating the hay. Large quantities of milk also may be given with good effects. Another effective antidote is this: A solution of 100 parts of sulphate of iron is mixed with 250 parts of water. Fifteen parts of calcined magnesia is mixed with 250 parts of water. These two solutions are then mixed and given to horses or cattle in doses of 10 to 40 ounces. In all cases the animals should have as much fresh air as possible.

### Programs for Women Voters

The work of the Kansas Equal Suffrage association was terminated when the vote was won for women last November. The association was transformed last spring into the Kansas Good Citizenship League. One of the principal purposes of the league is to assist in fitting Kansas women for an intelligent use of the ballot. With this purpose in view, the league is publishing subjects of vital interest. The following are now ready for distribution:

- 1—Short course in Kansas History. By Mrs. Lucy B. Johnston, formerly president Kansas Equal Suffrage Association, 10 cents.
- 2—Political and Social Science Studies. By Mrs. Lucy Johnston, 25 cents.
- 3—Food and Drug Adulteration. Sanitation and Public Health. By Dr. S. J. Crumbine, State Board of Health, 25 cents.

Other programs in process of preparation will be ready this fall. Among them are:

- 1—Political Parties and Party Reform. By C. A. Dykstra, History Department University of Kansas, 10 cents.
- 2—Crime Prevention. By Mrs. Mary O. Cowper, Chairman Program Committee, Kansas Good Citizenship League, 10 cents.
- 3—Kansas Schools. Needed Reforms. By Program Committee K. G. C. L., 10 cents.

Most of the foregoing programs will be sufficient for a year's work for women's clubs. Shorter studies in special topics are being prepared as follows:

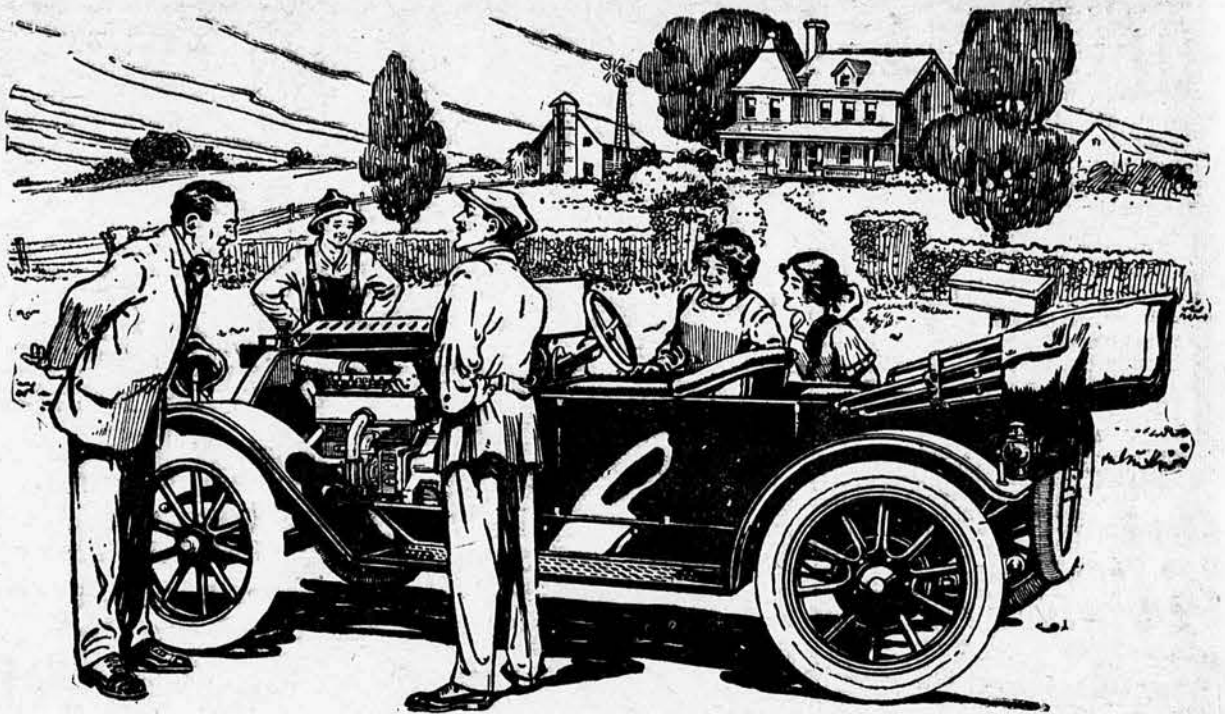
- 1—Weights and Measures. Reform Legislation. By Edwin E. Stimpson, Physics Department, University of Kansas, 10 cents.
- 2—Public Utilities Commission. By Mary E. Dobbs, Cor. Sec'y W. C. T. U., 25 cents.
- 3—Property Rights of Women. By Mrs. Nellis, member of the Program Committee, K. G. C. L., 10 cents.
- 4—Eleemosynary Institutions of Kansas. By Mrs. Lucy B. Johnston.
- 5—Minimum Wage, Maximum Hour. By Mrs. Vesta S. Heath, member of the Program Committee K. G. C. L.
- 6—Child Labor. 25 cents.

For information address Program Committee, Kansas Good Citizenship League, Lawrence, Kan. For outlines address Mrs. Frederick Cowper, 408 W. Lee Street, Lawrence, Kansas.

### Illinois Corn Is Light.

H. M. Hanley of Charleston, Ill., laments over the fact that all over that section corn was very light this season. "This will mean little cattle feeding, and very few hogs fattened the coming winter," he said. "The hog supply is very light, and it will remain that way a good while. When the corn crop failed, farmers let all their hogs go except a few for home use, and to carry over to breed. But we will have but very few hogs to sell."

You can't get much of your theory down a man who has a theory of his own that he wants to get down you.



You already know that we believe the Hupmobile to be the best car of its class in the world.

If you don't share our conviction now, we doubt that you will be able to avoid sharing it after you have seen and inspected the new Hupmobile.

Because the more thoroughly you go into the details of design and structural features, the more thoroughly you will realize and approve the strength of our belief.

The powerful, economical small-bore long-stroke motor is as uncommon among cars of the Hupmobile class as its compactness and soundness of design are uncommon among automobile motors.

When the dealer raises the Hupmobile hood you will see the cylinders and the intake and exhaust manifolds cast in one piece.

You will see the valves—and every working part of the motor, clutch and transmission—enclosed and fully protected from dirt and grit.

The dealer will tell you that this construction requires a greater amount of expensive aluminum than any other car of the Hupmobile class uses.

The fact that the Hupmobile uses a greater amount of costly spring steel is another impressive item that sets it above cars of its class.

We could sell as many Hupmobiles, doubtless, without building-in these costly materials.

But cars of lesser quality could not give the day-in-and-day-out economical and satisfactory service that is the big feature of Hupmobile ownership on the farm and in the city.

So we spend more money in design and construction than you may have longer life and service in the Hupmobile.

We shall be glad to have the nearest dealer give you a thorough demonstration if you will say so when you write for the details of the 1914 Hupmobile.

Hupp Motor Car Company, 1287 Milwaukee Avenue, Detroit, Michigan.

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**"32" Touring Car or Roadster—\$1050 f. o. b. Detroit**  
Four-cylinder long-stroke motor, 3 1/2 x 5 1/2 inches; unit power plant. Selective type transmission, sliding gears. Center control. Full floating rear axle. 106-inch wheel base. Tires, 32 x 3 1/2. Q. D. Rear shock absorber. Magneto cover.  
Equipment—Rain vision ventilating windshield; mohair top with envelope; Hupmobile Jiffy curtains; speedometer; cocoon mat in tonneau; Prest-O-Lite; oil lamps; tools. Trimmings, black and nickel.

**"32" Touring Car or Two-passenger Roadster with Westinghouse two-unit electric generator and starter; electric lights; over-size tires, 33 x 4 inches; demountable rims, extra rim and tire carrier at rear—\$1200 f. o. b. Detroit.**

# Detroit—\$900

The rougher the road and the harder the going, the better the Detroit likes it. This is the car you want—for it makes no distinction between country roads and city boulevards. And wherever it goes, others admire its beauty as much as you, the driver, admire its easy strength.

Certainly you will not pay less if beauty and pride of ownership count with you—and why pay more? We pit this Detroit against cars at any cost for good design, for low upkeep, for hard work, for year-after-year satisfaction.

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**FITZ SAYS**  
"When a friend begins 'For your own good,' I know he's going to roast me."  
**FITZ OVERALLS**

A bully good brand—the kind of work clothes that makes the work easier. Worn wherever there is work to do. On the farm, in the factory, outside and in, you'll find satisfied workers wearing FITZ.



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**GLEASON'S VETERINARY HAND-BOOK**  
—AND—  
**SYSTEM OF HORSE TAMING**  
Here is a book that should be in the hands of every horse owner! Admittedly the greatest book on the subject ever written and practically worth its weight in gold to horse owners and livestock breeders. 520 large pages profusely illustrated. Part 1 deals in plain language with the theory and practice of Veterinary Science—Diseases of Horses, Cattle, Sheep, Poultry, Swine, and Dogs—with tested and proved remedies. Part 2 contains Prof. Gleason's famous System of Horse Breaking, Training, and Taming. Gleason's marvelous skill in training and treating horses is known throughout the entire world, and he is considered the world's greatest authority in this field.

**Our Great Offer!** By a special arrangement we are able for a limited time to offer "Gleason's Horse Book" absolutely free—postage prepaid—to all who send \$1.00 to pay for a one-year—new or renewal—subscription to our big farm weekly. Send your name and \$1.00 at once. Mail and Breeze, Dept. H B-10, Topeka, Kansas.



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**\$24** Buys the New Butter-Fly Jr. No. 1. Light running, easy cleaning, close skimming, durable. Guaranteed a lifetime. Skims 95 qts. per hour. Made also in four larger sizes up to 5 1/2 shown here. Earns its own cost and more by what it saves in cream. Postal brings Free catalog folder and "direct-from-factory" offer, buy from the manufacturer and save half. (12) No. 54  
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A Safe, Speedy, and Positive Cure  
The safest, Best BLISTER ever used. Takes the place of all liniments for mild or severe action. Removes all Bunches or Blotches from Horses and Cattle. SUPERSEDES ALL CAUTERY OR FIRING. Impossible to produce scar or blemish. Every bottle sold is warranted to give satisfaction. Price \$1.50 per bottle. Sold by druggists, or sent by express, charges paid, with full directions for its use. Send for descriptive circulars.  
**THE LAWRENCE-WILLIAMS CO., Cleveland, O.**

A \$55 Saddle for \$38 Cash

Our latest 1910 Saddle. 16-inch well front, 28-inch wool lined skirt, 8-inch stirrup leather, 9/16" made of best leather, guaranteed for ten years; beef hide covered solid steel fork.  
**The Fred Mueller SADDLE & HARNESS CO.**  
2412-15-17-19 Lorimer St., Denver, Colorado  
Send in your name for our 1913 catalogue, now ready.  
The Celebrated Mueller Saddle.

YOU can EARN an AUTO

HERE'S YOUR CHANCE TO GET A NEW FORD TOURING CAR FOR A FEW WEEKS' WORK.  
By my new, easy plan, anyone over 16 years old can get a brand-new Ford Touring Car for a little easy, respectable work among neighbors. FREE BOOK tells all about it—Postal brings it. SEND. AUTO TOM, 620 S. 16th St., Omaha, Neb.

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Big demand for trained men. Earn from \$75.00 to \$150.00 per month. Learn all about automobiles in six weeks by THE "SWEENEY SYSTEM" of practical experience. In our machine shop, garage and on the road you learn by actual experience how to repair, drive, demonstrate and sell automobiles.  
FREE—Write today for catalog and certificate, entitling you to free \$50 course in running traction engines—we own two tractors. Only auto school in the world teaching traction engineering. Send name today.  
**SWEENEY AUTO SCHOOL.**  
1221 E. 15th St., Kansas City, Mo.

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1914 Take-down Patent, with all latest improvements, walnut stock and grip. Shoots accurately 22 long or short, handsome, durable. SEND NO MONEY. Just send your name and address for my easy plan by which you can secure this fine rifle absolutely free Express Prepaid. Write today.  
**H. A. Sloan, Dept. MB, 115 W. Main St., Madison, Wis.**

GOOD LUMBER CHEAP

Posts, Cement, Mill Work. Pay when you unload and find satisfactory.

**FARMERS LUMBER CO.**  
24th & Boyd Omaha Neb.

## How I Grow Sweet Clover

J. N. THOMPSON,  
Moran, Kan.

Fifty-four letters have come to me in four days—since the Mail and Breeze mentioned my sweet clover—so, in self-defense, I must try to answer some of the questions asked.

I have sold all my seed. Nearly all of it was sold to farmers, who came and saw my field with the stock on it. I have the white-blossomed kind—the only kind to raise. It is a biennial. In buying seed be careful not to get the little annual variety.

Sow in February or March on solid seedbed, just enough loose soil to cover seed. Land that was in corn the year before, or fall-plowed land, makes good seedbed; harrow down level.

Sow broadcast with wheelbarrow seeder, or any other seeder you may have, using from 12 to 15 pounds of good, hulled seed to the acre, and harrow after sowing. I mention the wheelbarrow seeder, because it does not lap in sowing, and it takes less seed.

If wanted for hay, the first year's growth should not be cut before September 1, after the bud starts for the next year's growth, which forms right at the ground.

If wanted for pasture, turn stock on when from six to eight inches high. If not overstocked it will furnish pasture until hard freezing weather.

If on weedy ground, the weeds should be mowed by raising the machine bar three or four inches high, above the lower branches of the clover, as if cut below all branches, the clover will be killed. Pasturing does not destroy it as stock always eat on the top of the plant where the branches are young and most tender.

Stock never bloats on sweet clover. Some have asked if hogs will eat it. Yes; it makes the finest of pasture for them, but they should not be left on it after the foliage is off as they will eat the crown bud for next year's growth, or root up the plant.

The second year's growth can be pastured until about the middle of May or first of June when the bloom buds start; or cut for hay which lacks only 1 per cent of being equal to alfalfa and can be grown on land too poor to raise any other grasses.

The hay crop must be cut high enough to get above the lower branches and it will spread out and make as much growth as before cutting and also a better seed crop.

If clover is left to seed, without pasturing or cutting, it will shed foliage and become woody and fit for nothing but seed.

Now, I want to give my plan. I sow one field this spring and one next spring as it will die when the seed crop gets ripe; so by the time for one field to bloom for seed, I have my spring sowing to turn stock into, and I am never without pasture or hay, as I can change from one to the other.

The field will not have to be seeded again as enough will shatter off to seed it, coming up early in the spring.

The seed crop should be cut on damp days or when the dew is on, as the seed shatters badly. Cut with the binder or self rake. Stack when damp. Can be threshed with threshing machine.

Think what this clover is going to do for the country! The farmers are going to grow it on land that is worthless, furnishing hundreds of acres of pasture, raising more stock, and building up the land so it will yield double what it does now, as this is one of the greatest nitrogen gatherers we have, breaking up hardpan and clay soils and bringing them into a state of fertility. I would be glad to answer through the Mail and Breeze any questions that I have not answered.

## Tractors Are Used In Gray.

Some of the large wheat growers of Gray county are using tractor power in doing their seeding. George Hewes, near Charleston, put in 1,500 acres by motor power. John Filburn, north of Cimarron, is putting in 1,200 acres with a tractor.

Gray county will have a record wheat acreage this year. It is estimated that in that county there will be 100 thousand acres of wheat. In some townships the increase over last year is from 700 to 3,000 acres.

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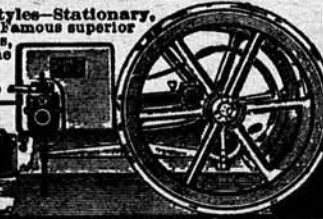
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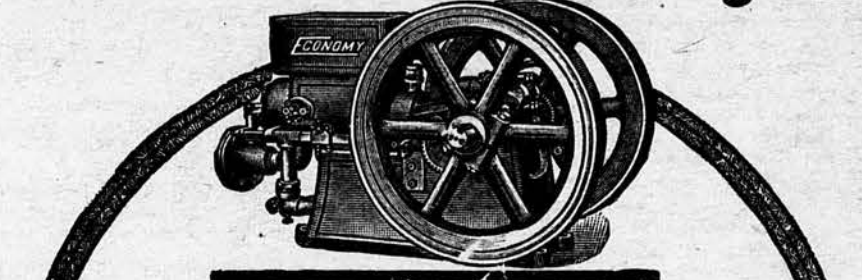
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There are several kinds of star trade-marks used on shoes. Many dealers will try to sell you an inferior shoe by claiming it is a "Star Brand" Shoe.

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"Star Brand" Shoes are made in over 750 styles—in our own 23 big factories. Every pair is honestly made of good leather. No substitutes for leather are ever used.

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Look up the "Star Brand" dealer. Be sure you get the genuine "Star Brand" Shoe with our name on the sole and our "Star" on the heel, then you will know why—

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MANUFACTURERS Branch of International Shoe Co. ST. LOUIS

This Name on Every Sole



This Star on Every Heel



# MARKET PROBABILITIES

(Written Specially for the Farmers Mail and Breeze.)

Receipts of cattle at Missouri river markets were smaller Monday than a week ago, but an increase showed in St. Louis and Chicago. Those markets were lower, and prices elsewhere were weak on the plain to fair kinds. Colorado and Texas were prominent supply sources for river markets. Show week seems to have been a heavy drain on the supply of prime steers.

The mid-October cattle trade is good. It is sustained by a broad demand for beef, and an urgent demand for thin cattle, and reinforced by the prospect for short supplies and higher prices later. The movement continues liberal in volume though scant in beef. The greatest shortage is in grain fat cattle and grass fat cattle are nearly in normal supply, both as to pounds and numbers. Texas and Colorado are furnishing more beef than usual, as those states produced unexcelled grass all summer.

A big lot of trash is coming to both Kansas City and St. Louis from Arkansas and Oklahoma. Such cattle are selling at \$4.25 to \$6, and are all going to shambles. This is the proper final disposition for all scrub stock. Countrymen are buying more for quality than for numbers and while the prices they are paying look almost ruinous, it promises to place the cattle industry on the highest plane in its history.

Last Monday 60 car loads of Panhandle steers from one locality sold to Illinois and Iowa feeders at an average of \$7.50. On the preceding Monday 71 car loads from another locality sold at an average of \$7.40 a hundred pounds. They, too, went to feed lots. Such cattle in strong hands promise high quality beef later. As high as \$8.60 has been paid for 450-pound stockers, and \$8.65 for 1,200-pound feeders. In the fat yearling class the opened market afforded a top of \$9.60 in Chicago and Omaha, and \$9.55 elsewhere, with heavy steers at \$9 to \$9.50. Few feeders adhere to the old plan of feeding beyond the 1,500-pound limit, though 1,646-pound steers sold at \$8.65, and 1,585-pound grades as high as \$9.20.

## October Top Steer Prices.

The top price for steers at river markets in the month of October, beginning 1905 down to the present is as follows: \$6.25, \$7.50, \$8.25, \$8, \$10.25, \$8.60, \$8.85, \$10, and this October thus far \$9.60. In only two instances, these being in the last two years, have November cattle prices been higher than in October. Conditions are such this year that November will develop a higher level than this month.

The scarcity of corn and cattle will operate against large feeding, and the abundance of fall grass will develop an inclination to hold steers out of dry lots up to the first of the year. The Central West has more grass now than at any previous time this year, and it has not the cattle to eat it. For that reason light weight stock cattle are relatively higher than the heavy grades.

## Basing Hopes on Heifers.

Last week stock heifers sold as high as \$7.50 a hundred pounds, and up to date this is the highest price ever paid on the open market. Under the circumstances such a price seems justified. For two years past, cattlemen have seen the shortage in breeding cattle approaching, and the present high prices are the culmination of retarded production. Now the effort is directed to getting back in the breeding game, and heifers are the basis of future supply. The testimony of the entire cattle fraternity is that the man who can get some well bred heifers, even at the existing high prices is assured of a better income than any other line the cattle industry will afford.

Stock heifers have just about doubled in price in the last three years, and while they are not likely to go much higher, they form the basis of new herds, and increased production. Packers are complaining of the acute shortage in heifers. Few have been fattened and still fewer will be fattened in 1914. Though a fat heifer brings relatively the highest market price, selling them as such is a clear sacrifice, because of future production possibilities. The entire Central West and West has its future hopes in good young heifers.

## Grass Cattle Until Christmas.

Unless an unusually severe winter starts early this year grass fat cattle will be a supply source up to the first of the year. All range cattle are reported in excellent condition and grass is fine. Early frosts will stop the growth, but will not materially hamper the forage value of the grass.

Old timers say that we are due to have Indian summer before winter sets in and under a hazy sun this fall grown grass ought to cure into excellent winter pasture. Another source of feed for cattle will be wheat fields. This year they have attained excellent growth, and only deep snows will prevent cattle from having a touch of green feed all winter.

## Missouri Will Feed Shocked Corn.

This winter more cane will be fed out of the shock in Missouri than ever before. Much of this year's crop was cut

early, and as the use of the silo in Missouri is less general than either Kansas or Oklahoma, feeding will be done out of cornfields. Last year a good many Missouri feeders carried their cattle up to January on grass, fed shocked corn through until August, and then fed ear corn on grass until August, or until marketing time. Such cattle realized \$8.50 to \$9.25.

## Bear Plug on Hogs.

Packers last week stuck the usual October bear plug into the hog market and for a time it looked as though the 8-dollar quotation would be swept from the market. Prices in the first three days of the week fell 30 to 40 cents, and at the low level Wednesday were 75 to 85 cents under the high levels of September. In the last three days there was a moderate rally, but the net loss for the week was 25 to 35 cents.

Packers are bearish because they think they see liberal supplies for November. They figure that many will start droves of hogs on corn this month and by the middle of next month will be ready to ship the heavy ones. Renters especially, will ship early, and as so few cattle are on full feed, it will be a market run of hogs independent of cattle.

November and December will draw more hogs than January and February and March is forecasted as the high priced month. Current receipts continue to show up a lot of common quality, though pigs are coming less freely now than in former weeks. Nebraska is the only state complaining of cholera, a marked improvement showing in Iowa.

## Rush of Sheep Last Week.

After a let up in the movement of sheep for 10 days, shipping became liberal again last week. Kansas City received more than 80,000, the largest number ever yarded at that market in any one week, and while Omaha and Chicago supplies fell short of the big week in September the total number at the five western markets was nearly 450,000. The liberal supplies last week were caused by snows in the high pastures of the West and Northwest. This started numerous flocks to lower pastures, caused the shipping sort to stop at railroad points and the reserve supply to start to winter quarters.

A large supply is in sight for next week and after that there will be a big decrease in the movement. Killers took advantage of these conditions and depressed prices of lambs 35 to 50 cents, with tops selling around \$7 and the bulk of lambs at \$6.75. Feeders continued liberal buyers, and prices for thin sheep receded only 15 to 25 cents. A few weeks of light supplies of range lambs will put the market on a materially higher level.

## The Movement in Livestock.

The following table shows receipts of cattle, hogs and sheep at the five western markets last week, the previous week and a year ago:

	Cattle	Hogs	Sheep
Kansas City .....	77,100	43,300	86,300
Chicago .....	49,800	140,000	179,500
Omaha .....	27,400	26,500	148,800
St. Louis .....	23,900	32,500	13,300
St. Joseph .....	9,000	22,700	17,200

Total .....	187,200	264,000	445,100
Preceding week .....	194,150	289,800	376,500
Year ago .....	206,850	225,800	469,600

The following table shows receipts of livestock in St. Joseph this year compared with the same period in 1912:

	1913	1912	Inc.	Dec.
Cattle .....	339,249	362,771	.....	23,522
Hogs .....	1,381,423	1,556,053	.....	224,630
Sheep .....	62,313	67,984	49,334	.....
H. & M. ....	24,015	33,369	9,354	.....
Cars .....	35,204	38,360	3,156	.....

The following table shows the receipts of cattle, hogs and sheep in Kansas City thus far this year and the same period in 1912:

	1913	1912	Inc.	Dec.
Cattle .....	1,617,760	1,389,050	228,710	.....
Calves .....	126,047	139,978	13,931	.....
Hogs .....	1,922,651	1,887,075	35,576	.....
Sheep .....	1,570,791	1,681,993	111,202	.....
H. & M. ....	62,309	58,823	3,486	.....
Cars .....	97,377	90,500	7,077	.....

The following table shows receipts of cattle, hogs and sheep in St. Louis thus far this year, compared with the same period in 1912:

	1913	1912	Inc.	Dec.
Cattle .....	831,943	802,823	29,120	.....
Hogs .....	1,950,128	1,890,744	59,384	.....
Sheep .....	769,432	823,107	53,675	.....
H. & M. ....	110,553	128,072	17,519	.....
Cars .....	59,650	59,774	576	.....

The following table shows receipts of cattle, hogs and sheep at the five western markets, Monday, October 13, together with totals a week ago and a year ago:

	Cattle	Hogs	Sheep
Kansas City .....	23,000	5,000	21,000
Chicago .....	21,000	30,000	40,000
Omaha .....	8,700	2,800	40,000
St. Louis .....	9,500	6,500	4,300
St. Joseph .....	2,800	3,100	5,000

Totals .....	65,000	47,400	110,300
A week ago .....	64,800	62,900	96,600
A year ago .....	83,500	51,300	91,600

The following table shows a comparison in prices on best offerings of livestock at

Kansas City and Chicago for this date and one year ago:

	Cattle	Hogs	Sheep
Per 100 lbs. 1913 1912	1913 1912	1913 1912	1913 1912
Chicago ..	\$9.50 \$11.00	\$8.70 \$9.35	\$6.00 \$5.40
Kan. City ..	9.50 11.00	8.50 9.05	5.75 6.50

## Good Horses at a Premium.

Men who ship horses from the country to markets say that too small a margin exists between country prices and market prices, consequently they have been taking chances with the commoner kinds, and prices have fallen \$5 to \$10 a head. The farmer feels that good horses are worth more to him than the common kinds and men who know the equine status of the country say there are more good horses in the Central West now than ever before. The principal market inquiry is from the South and East and is for the better classes. Prices are quoted steady on all but the common kinds.

## Grain Prices Rally Again.

Spring wheat receipts in the Northwest diminished this week and the movement of winter wheat was of about normal proportions. Demand increased and prices were advanced 2 to 3 cents a bushel compared with the low level of the preceding week.

Domestic prices are on a milling basis, and should any export trade develop, prices would advance. The seeding of the new winter wheat crop has been completed and a strong growth is already reported from most sections. A large area has been sown. The estimate for the Minnesota and Dakota wheat crop this year is 180,500,000 bushels, an average of 11.7 bushels an acre. The average yield for the three states for the last five years is 166 million bushels.

Corn prices strengthened somewhat as the result of an improved inquiry. Futures were advanced about 2 cents a bushel, though the Chicago December prices made only fractional rallies. The new crop is showing up rather slowly at markets.

The October government crop report issued October 9, showed no important

Alfalfa, fancy .....	18.50@19.00
Alfalfa, choice .....	17.50@18.00
Alfalfa, No. 1 .....	16.50@17.00
Standard .....	15.25@16.00
Alfalfa, No. 2 .....	14.00@14.75
Alfalfa, No. 3 .....	11.50@13.50
Straw .....	5.50@ 6.00

## Seed and Feed Prices.

Seed—Alfalfa, \$7.50@9 a hundred; clover, \$8.50@10; flaxseed, \$1.19 a bushel; timothy, \$1.75@2.50 a bushel; cane seed, \$1.00 @2 a hundred; millet, \$1.40@1.50; kafir No. 2, \$1.52@1.53, No. 3, \$1.50@1.51. Feed — Barley, \$3@4c; bran, 108; shorts, \$1.18@1.28; rye, No. 2, 66c; corn chop, \$1.38.

## Broom Corn Crop Small.

The government estimates this year's broom crop at 55 per cent, or nearly one-third less than last year. The crop last year graded low in quality, and this year will show up better along that line. It was harvested under better circumstances, and prospects for higher prices made growers take more care in its handling. Though much smaller, this year's crop will bring more than last year's brush.

Prices now are practically double those of a year ago. Choice green self-working corn is quoted at \$150 to \$160 a ton, fair to good \$115 to \$145, common to fair \$85 to \$110 a ton.

## Butter, Eggs and Poultry.

Elgin, Oct. 13.—Butter this week is firm at 31 cents.

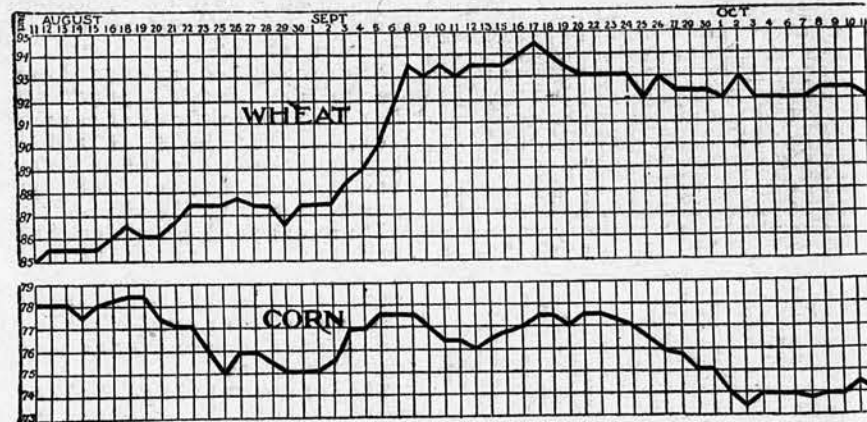
Kansas City, Oct. 13.—Prices this week on produce are:

Eggs—Firsts, new white wood cases included, 25c a dozen; seconds, 18c to 20c. Butter—Creamery, extras, 30c a pound; firsts, 27c; seconds, 25c; packing stock, 22 1/2 @23c.

Live Poultry—Broilers, 14 1/2c a pound; spring chickens, 11c; hens, No. 1, 11c; No. 2, 8c; roosters, 9 1/2c; young turkeys and turkey hens, 14 1/2c; young ducks, 11 1/2c; geese, 9c.

## The Poetry of Pork

Men do strange things when suffering from some form of mental disturbance,



This chart shows the daily fluctuations of the Kansas City wheat and corn markets for the nine weeks preceding this one. Cash prices on the best grade of each grain were considered in making out the chart.

change, compared with the September estimate. The corn crop increased 22 million bushels, less than 1 per cent, and a gain of 56 million bushels in oats. This estimate places the Kansas crop at 24 million bushels, the smallest crop in that state since 1874, when the area planted was only 1 1/2 million acres or less than one-fourth of this year's acreage. Considering the area sown, this year's crop is nearer a total failure than ever before. The government estimate makes the Missouri corn crop 122 million bushels, 10 million less than the state estimate, and just one-half that of 1912.

Alfalfa seed is the only Kansas crop that makes a good showing in the October crop report. Its condition is 95 per cent of perfect and the largest ever produced. The condition of corn is 10 per cent, potatoes 46 per cent, apples 29, millet 30, kafir 35, and broom corn 55 per cent.

The following comparison shows prices on best grades of wheat, corn and oats at Kansas City and Chicago for this date and one year ago:

	Wheat	Corn	Oats
1913 1912	1913 1912	1913 1912	1913 1912
Chicago .....	93c \$1.09 1/2 71 1/2 65 1/2 42 36 1/2		
Kan. City .....	92c 1.07 1/2 74 68 1/2 44 1/2 43 1/2		

## Light Receipts of Hay.

Though receipts of hay are much smaller now than a few weeks ago, no material advance has occurred in prices. Clover, mixed, was quoted up 50 cents to \$2 a ton, but the change was an adjustment to a relative position compared with other varieties. Demand is reported as active. Straw was quoted off 50 cents a ton and late in the week sold at the bottom of the quotations. More than 25 car loads of straw were received during the week. A good demand is expected for hay in the next few months.

## Kansas City Hay Quotations.

Prairie, choice .....	\$17.00@17.50
Prairie, No. 1 .....	15.50@16.50
Prairie, No. 2 .....	13.00@15.00
Prairie, No. 3 .....	7.50@12.50
Timothy, choice .....	17.00@17.50
Timothy, No. 1 .....	16.00@16.50
Timothy, No. 2 .....	14.00@14.50
Timothy, No. 3 .....	11.50@13.50
Clover mixed, choice .....	16.00
Clover mixed, No. 1 .....	15.00@15.50
Clover mixed, No. 2 .....	14.25@14.75
Clover, choice .....	14.00@14.50
Clover, No. 1 .....	13.00@13.50

overwork, or other exciting incident. Some men disappear for months; some go in for politics; some, but only those having the most acute form of aberration, become Chautauqua lecturers—and a few write that which their friends, good humoredly, call poetry. Far from the city's strife, in the sequestered coolness of the deep woods, with none to advise him and none to prevent, the unhappy contributor of these lines gave way to an emotion impossible to understand in the every day grind of city life. The Mail and Breeze disclaims any responsibility for the piece, except that which is inevitable to every publication.

## By Uncle Malt.

It isn't the verses, I'm happy to state, but the porkers we raise that are paying the freight. They roam through the pastures, the red, white and black, and the wealth they are making fills many a sack. And still Opportunity knocks at our door; though millions we ship there's market for more.

On seas of alfalfa, in shadow and sheen—this word 'sheen' was absolutely necessary here because of what comes after—roams food for the millions through billows of green; (Notice, 'sheen' and 'green') and day after day on that marvelous tide, the hams and the bacon float on, side by side. Alfalfa! Sweet emblem of Plenty and Charm! May the wave of thy verdure flood valley and farm.

Time comes when each acre must yield without flaw. Production must double, is Nature's great law. The cities will team with the millions that toil, and life, with its hopes, must depend on the soil. What methods more wise could the farmer combine, than raising alfalfa and fattening swine?

A profitable flow of milk once allowed to go down by default cannot be regained until the cow again freshens.



**Here's a Real Farmer Fair**

AT INDIAN CREEK.

For a genuine farmers' fair, in name as well as fact, the Mail and Breeze wishes to commend the annual event at Indian Creek Grange. It is an agricultural fair in every sense of the word, of, for and by farmers—not a race meet or gathering place for cheap shows and fakers. The display of farm products—stock, fruit, crops—yes, and babies too, constitutes the "whole show," as the saying goes. Which is just as things ought to be at a farmers' fair.

Indian Creek is not a town, not even a country village. It is merely the name of a Shawnee county farming community whose social life centers around the local grange. The Grange hall, located about 4 miles north of To-

peka, is the common meeting place of the community and here the fair is held. The recent fair was the eighth annual, each of which has succeeded better than the one preceding it, drouth or no drouth. It is in no wise an exaggeration to say that the vegetables, fruit and general crops on display this year equaled if not excelled in quality the exhibits of these products at both Topeka and Hutchinson.

They do the right thing by the women folks at this fair. The prize list covered a wide range of skill both in needlework and culinary art. Awards were made for bread and biscuits of half a dozen varieties. There were prizes for ginger cookies, doughnuts, and pies and cakes of six or eight varieties each. Nor were canned fruit, jellies, preserves, and candies left out. Samples of needlework ranged from embroidered doilies to hand made quilts.

Anyone who has ever eaten one of the celebrated Grange fair dinners will ask for no further proof of the culinary ability of these Indian Creek women and girls. And these dinners are only 25 cents, too. A number of Topeka folks have admitted that they went out to the fair primarily to get a whack at one of these meals. The other attractions were of secondary importance.

It was the kind of fair that appeals to young and old. Athletic events for which prizes were offered attracted the young folks. But after all is said the real value of this little fair lies in the social opportunities it affords. Nearly everybody there knew everybody else and in this respect it was like one of

**Skunk Farming Back in Ohio**

A PROFITABLE INDUSTRY.

One of the staunch friends of the Mail and Breeze is Edwin Snyder of Topeka. Mr. Snyder is at present paying a visit to his brother in Huron county, Ohio. Like all good Mail and Breezers he writes back, telling of some of the interesting things to be met with in that historic old state. His first letter has to do with a visit to a skunk farm near Norwalk.

"The latest innovation in animal husbandry which has come under my ob-

servation," he writes, "is skunk farming. I have just visited such an institution located outside the city of Norwalk. The 'farm' consists of about 1 acre of gently sloping ground. A fence of chicken wire surrounds it which is sunk in the ground about 18 inches to prevent the animals from burrowing under. A strip of 18-inch fencing is placed along the top to keep them from crawling over.

"The feed consists of scraps from the meat markets, fresh sweet corn, table scraps, and the like. The animals are quite tame and will eat from the keeper's hand but are quite shy of strangers. There were 60 in the colony when I visited the farm. They are provided with coops which they may occupy or leave at their pleasure.

"The litters range in number from 5 to 8 animals, and are born in April. A female will bear but one litter a year. The young are as playful as kittens, rolling and tumbling about in the same manner. They attain full growth when 7 or 8 months old. The black variety is much more valuable than any other because of the color of the fur. The best black skins brought \$5 each last winter. Mr. Frey, the proprietor, said he sold six pairs this summer for breeding purposes from which he realized \$70.

"There was not the slightest odor about the place. Before adding a wild animal to the colony the essence pouch is removed which, Mr. Frey tells me, is quite a simple operation, and not at all dangerous to the animal. The animals require no special care other than feeding. From what I was able to learn of skunk husbandry, I should think it more profitable than poultry growing, and less exacting as to care."

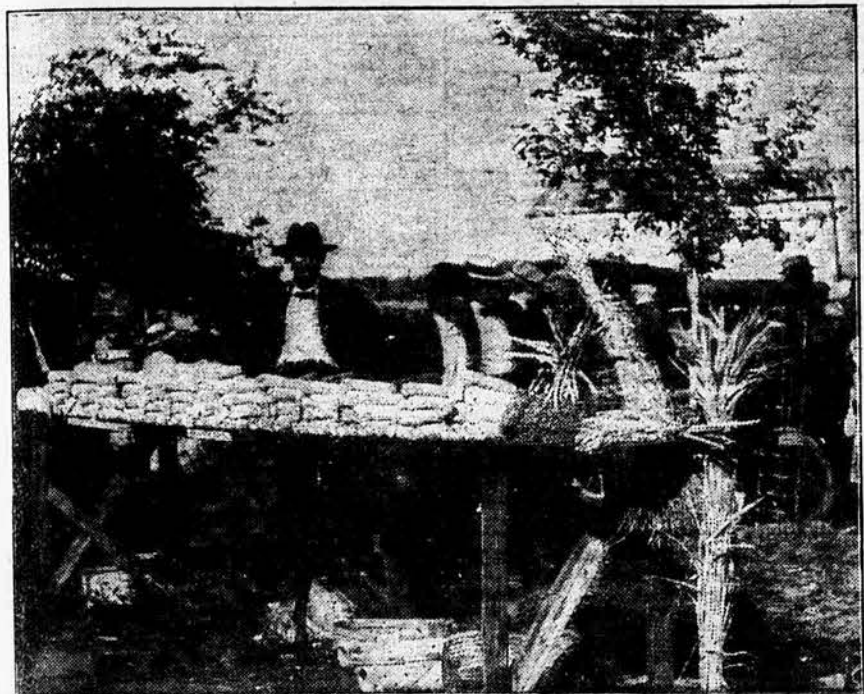
"Amen" To the Square Deal for Women.

Mr. Editor—I wish to compliment Mr. Capper on the front cover article, "A Square Deal for Women." It should be framed and hung up in every home in America.

L. P. Smith.

Redmond, Ore.

A cow that is frequently "basted" with the milk stool or yelled at every time she moves gets so she looks for it after awhile. And she isn't letting down a free flow of rich milk while waiting for the thing to happen, either.



Some corn and kafir samples at the Indian Creek Grange fair.

## We Have Told 15,000 Girls and Women How to Make Money This Year

Not by canvassing or being agents: not by getting subscriptions for *The Ladies' Home Journal*, but in scores of ways unknown to the average person and by staying right at home.

Two women do nothing else on *The Ladies' Home Journal's* editorial force but just put themselves into the positions of other women who want to make money and don't know how, and then tell them what they can do and how they can do it.

It is a regular personal service that we have back of *The Ladies' Home Journal* and at the free disposal of any reader or subscriber. It is called "What Can I Do?" Bureaus, and 15,000 girls and women wrote to it this year and were answered: not in print or in the magazine, but in direct, personal, confidential and helpful letters by mail.

For years we have been finding out how clever girls and women have made money in unusual ways, and this information, bought and paid for, we pass on to others without charge. A booklet, "The Story of 600,000 Invisible Hands," tells something about this service. A postal-card request will bring a copy.

A year's subscription to *The Ladies' Home Journal*, by mail, costs \$1.50, or it may be bought from any Newsdealer or Boy Agent at 15 cents a copy.

**Storing Kafir Seed**

Kafir must be handled with the greatest care to prevent heating.

The first step to secure against heating is to clean the seed with a good fanning mill, running it through as many times as necessary to remove all dirt and trash. The second step is to store in dry bins so constructed that the seed can be thoroughly ventilated.—From "Kafir," issued by the American Steel & Wire Co.

THE CURTIS PUBLISHING COMPANY,  
INDEPENDENCE SQUARE  
PHILADELPHIA, PENNSYLVANIA



# BIG BARGAINS IN REAL ESTATE

Dealers whose ads appear in this paper are thoroughly reliable and bargains worthy of consideration.

## Special Notice

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

CATHOLIC homeseekers write for list. T. J. Ryan & Co., St. Marys, Kan.

WRITE for list of Southwest Missouri farms. Noel Realty Company, Noel, Mo.

IF you want a good farm try Bourbon Co. Stiers and Kent, Uniontown, Kansas.

WE WANT, direct from owners, land listed for sale. Chaney & Company, Topeka, Kan.

LAND in Stevens county, Kansas, on Colmer cut off. Write for prices. John A. Firmin, Hugoton, Kansas.

CALL on farmer's agent for land bargains. Spring and well water. Descriptions given. Terms. Col. G. W. Mitchell, Anderson, Mo.

BARGAIN: 80 a. imp. 4 miles out. \$3,800. Send for land list. F. C. LIBBY, Blue Mound, Linn Co., Kansas. J. L. Wilson, Salesman.

160 A. 3 mi. out; elegant impr. No waste. Price \$8,000. Terms, clear. 80 a. 5 mi. out, good impr., no waste. Price \$4,500. Terms, No trades. John A. Decker, Valley Falls, Kan.

SMOOTH quarter at \$100.00 per a. Close to school and church. 280 a. joining town at a bargain. Good terms on both. Brown Co., Kan. Walter Hanson, Sabetha, Kansas.

I CAN SELL you the finest farms, not to be excelled anywhere, for the price. For alfalfa and grain farms. Stock raising. Descriptions and prices on request. Cash and good terms. H. H. Stewart, Wellington, Kan.

214 ACRES improved, 4 miles out, \$55 per acre, \$2,000 cash, bal. long time. R. M. McGinnis, Princeton, Kan.

480 A. improved, \$25 a. 2 1/2 mi. Scott City. Brightest future of any town in W. Kansas. Come and see this bargain or write E. E. Coffin, Scott City, Kan.

A GOOD PAYING BUSINESS—Will sell my feed barn, 6 r. house and 5 lots, also poultry business at a sacrifice on account of my age and my wife's health. \$1,500 cash. On main line Santa Fe. G. W. Freelove, Carbondale, Kan.

320 A. 70 a. under cultivation, good creek bottom alfalfa and corn land. Balance fine blue stem pasture and mow land. Good 5 room house, good barn, feed lots, abundance of water, springs, wells and running creek. Plenty timber for farm, 1/4 mile of school, R. F. D. and telephone. 5 miles of R. R. town. Price \$30.00 per acre. A. J. KLOTZ & CO., Cottonwood Falls, Kas.

292 ACRES very choice alfalfa and stock ranch, well located, fairly well improved. Railroad station at corner of farm. 75 a. in alfalfa, 15 a. timber feed lot, balance in corn and bluestem grass. All smooth rich river valley alfalfa land. \$100 per a.

80 a. all choice river valley alfalfa land, well improved, near Emporia. \$125 per a.

240 well improved, well located upland farm. \$50 per a.

480 a., well improved and well located upland farm. \$60 per a. All in Lyon Co., Kan. Address M. L. Kretsinger, Emporia, Kan.

DON'T MISS THIS 310 A. BARGAIN. Improved, splendid location, good alfalfa land. \$36 per a., if sold by Nov. 1st. Worth \$60.00. M. T. SPONG, Fredonia, Kansas.

LINN COUNTY FARMS. Corn, wheat, timothy, clover, bluegrass land \$15-\$30. Coal, wood, gas, abundance good water. Fruit, everything that goes to make life pleasant. Large illustrated folder free. EBY-CADY REALTY CO., Pleasanton, Kan.

WANTED, 1,000 GOOD FARMS—wild or improved at bargains—in the Western States or Canada. Direct from owners only. State full particulars in first letter. FRED L. HARRIS, Globe Building, Minneapolis, Minn.

Northeastern Kansas Land for sale in the famous Bluegrass, Timothy, Clover and alfalfa district, \$50 to \$100 per a. COMPTON & ROYER, Valley Falls, Kan.

WHEAT LAND WANTED I want wheat land for three or four of the very best farms in Coffey County, Kansas. These farms are good soil, well improved. Well located. Prefer land in Ellis, Russell or Rooks counties. W. H. Lathram, Waverly, Kan.

UKANTLOSE on investments in Plains, Kansas Town Lots at \$17.50 to \$50.00—easy monthly payments. Rapidly growing little city—modern buildings, cement walks, electric lights, 400 prosperous citizens—and growing rapidly. Now's the time—don't delay—write today. JOHN W. BAUGHMAN, Plains, Kan., Desk "G."

Sedgwick County Farm Bargains 280 acre farm, best of first bottom alfalfa land, improved; one mile of railroad town. \$50 per acre; make a dairy farm. 145 acre farm, all good land; good improvements; a great bargain \$8,500. Good terms. 80 acre Arkansas river bottom farm; alfalfa proposition; well improved, near Sedgwick. \$100 a.

H. E. Osburn 227 E. Douglas Ave., Wichita, Kan.

MORTON CO. special. Improved quarter all tillable near town. \$8.00 per acre. Luther & Company, Rolla, Kan.

## MINNESOTA

80 A. good Minnesota land \$1,000. Terms. Other bargains. Foss, Milaca, Minn.

PAYNESVILLE Land Co., sell Minnesota farms. Write for list. Paynesville, Minn.

MINNESOTA farms for sale. Easy terms. Write A. G. Whitney, St. Cloud, Minn.

MINNESOTA farms for sale. Special bargain list. A. H. Brown, Willmar, Minn.

SEND FOR LIST NO. 61 describing 100 improved Minnesota corn and clover farms. C. L. West, St. Cloud, Minn.

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

238 A. well improved, near station. 12 a. cultivated. Balance timber. For quick sale \$20 per a. E. H. Winter, Bemidji, Minn.

160 A. well improved Benton Co. 10 a. timber. \$8,000. Terms. Other bargains. List free. Harrington & Winsor, Foley, Minn.

MINNESOTA farms for sale on easy terms. We sell our own lands. Write for list and map. Anderson Land Co., Willmar, Minn.

80 A. farm, central Minnesota near lake, and station. \$1,960. Easy terms. Other good bargains. Carl Bolander, Little Falls, Minn.

113 ACRES, good soil, in corn belt; 30 miles from Minneapolis. Splendid set of buildings, on R. F. D. Price \$60 per acre. Terms. T. H. Daly, Elk River, Minn.

FOR SALE—Imp. farm at bargain near town, school, tele. R. F. D. Worth \$1,500—for quick sale at \$500—very easy terms. Fred L. Harris, Globe Bldg., Minneapolis, Minn.

WILD and Imp. farms in the park regions of Minn. \$10 to \$75 per a. Also wholesale list of lands in Wis., N. Dakota and Minn., \$5 to \$12 per a. Terms easy. For descriptive price list write J. W. Denny, St. Cloud, Minn.

106 ACRES, 35 in cultivation; 3/4 mile to school. R. F. D., 6 mi. to station. 35 mi. to Chattanooga. 7 room house, barn; machinery sheds, etc. 500 fruit trees, consisting of apple, peach, pear, etc. Lots of grapes. Some good timber. Price \$3,000. Have other farms and wild land in same locality at equally attractive prices. F. E. Lemma Lumber Company, St. Paul, Minn.

200 A. stock and grain farm, 100 plowed, 60 meadow, 40 shady pasture; good buildings, black soil, clay sub-soil; 5 1/2 mi. to county seat. Price \$60. Easy terms. Write W. C. Murphy, Foley, Minn.

## MINNESOTA

NORTHERN Minnesota offers more natural inducements than any other section. Sure crop state. Free information. Write Immigration Commissioner, MacKenzie, Minneapolis, Minn.

DAWSON county, near Glendive, choice farm lands, well grassed and watered, offered actual settlers at \$15 to \$25 acre, on easy terms. Fare refunded to all buyers. Hammond-Dodson Co., 412 Endicott Bldg., St. Paul, Minn.

FARMERS WANTED—In Minnesota where big crops are produced. Homes for thousands. Improved farms for corn, small grains and livestock. Dairy farms with pure water, clover, timothy and alfalfa. Maps and literature about Minnesota sent free. Write Fred D. Sherman, Commissioner Immigration, 233, Capitol, St. Paul, Minn.

TO CLOSE estate will sell a \$60,000 farm of 400 a. Buildings modern, electric lights, large barns. On Mississippi river close to town of 7,000 pop. Price \$28,000. 1/4 cash, bal. terms. John Verdin, Little Falls, Minn.

320 A. Wadena Co. All in cult. Fenced and cross fenced. All level; good 10 r. house, large barn, granary; silo, windmill, other bldgs. Near school. R. F. D. tel. Not for sale after Dec 1. \$65 a. Terms easy. John D. Marlin, Staples, Minn.

SOUTH CENTRAL MINNESOTA Farm land, Stearns and Pope Co., \$30 to \$65 per a. Why go further north? Buy here at this low price. Map and list free. M. F. REINE, Brooten, Minn.

## MONTANA

ALFALFA, peas, grains and fruit successfully raised. No crop failures. 640 a. or less, \$22 per acre. 1/4 cash, bal. four equal payments at 6%. Write owner O. V. Round, 503 Power Block, Helena, Montana.

Pay For Your Farm Out of Crops No Crop: No Payment Our 175 farms to select from, 10% down; balance payable out of crops; land near Billings and Columbus, Mont. Noted for big crops; best markets; secure a farm now before all sold. MARSHALL-PETERS CO., 7th Floor Pioneer Bldg., St. Paul, Minn.

## FLORIDA

### For Sale in Florida

Several very desirable tracts of land in Alachua county. Improved and unimproved from 20 to 90 acres in each, lying on a beautiful large lake near railroad. Special terms for quick sale. T. S. McMANUS, Waldo, Florida.

## OKLAHOMA

830 ACRES best farm land in Eastern Oklahoma, must be sold in 60 days. W. P. McClellan, Claremore, Oklahoma.

STOCK ranch, 650 a. Springs, timber and grass; railroad 3 mi. Price \$6.50 a. White, Stanley & Thomason, Westville, Okla.

160 A. all in fine growing alfalfa; mile from town with electric lights, water works, good schools and two railroads. Price \$1,200. J. B. Cramer, Wichita, Kansas.

DELAWARE CO. ABSTRACT CO. Bonded Abstractors. Real estate and farm loans. Cowskin prairie farms, the cream of Oklahoma farm lands. Prices right. Grove, Okla.

FLORIDA prairie land; rich, level, dry; 10 a. tracts, for citrus fruits and winter gardening. Sacrifice sale. Johnson Realty Co., Tonkawa, Okla.

CADDO COUNTY WINS. First on agricultural products at State Fair. Write for information, corn and alfalfa lands. Baldwin & Gibbs Co., Anadarko, Ok.

I WILL sell at auction, Nov. 4th, 2 1/2 mi. Orlando, Okla., clear, well impr. alfalfa and livestock quarter; living water; good crops; easy terms. L. W. Randolph, Orlando, Okla.

IF YOU want buy cheapest pasture lands in United States, where ranchmen pasture ten months in year without feed, write us; also inquire about cheap farms where rain falls. Southern Realty Company, McAlester, Okla.

EASTERN OKLAHOMA LAND. 200 a. of black limestone soil, 75 a. in cult. 75 a. in grass; 50 a. in pasture. All fenced and excellent good spring of water. A house and barn and other outbuildings, one mi. from small town; for quick sale will take \$6,500. EDWARD LEON, Siloam Spgs., Ark.

## Home For Sale

Two hundred forty acres well improved farm, adjoining Delaware, Okla. 160 acres in cultivation; 10 acres alfalfa; balance meadow. Six room house, barn, granaries, all fenced. Near proposed Coffeyville-Nowata Interurban. Fine schools. Price \$50.00 per acre, terms. Also other well improved farms, in corn, rain and oil belt. J. A. WETTACK, Owner, Nowata, Okla.

## TEXAS

BRAZOS bottom farm, 320 acres, 110 cult.; 2 houses, very fine soil. \$45 per acre, 1/4 cash, balance easy. Winston McMahon, 317 Beatty Bldg., Houston, Tex.

CORN, cotton, potatoes and rice are making our farmers good money. Prices from \$25 an acre up. A few special bargains. Fidelity Immigration Co., Eagle Lake, Tex.

BIG CROPS, BIG MARKETS, BIG PROFITS. In the Houston, El Campo district of the Gulf Coast. Write us for Free Booklets, "Where Farming Pays," "Pointers on Where to Buy Land," also "The Gulf Coast Bulletin," for six months free. ALLISON-RICHIE LAND CO., Houston, Tex.

BARGAINS IN GULF COAST LANDS. FACTS about the Mid-Gulf-Coast Country of Texas. Production, climate, rainfall, soil, markets, water. Large or small tracts. Write at once for free booklet and price lists. Reference given. John Richey & Co., Blinz Bldg., Houston, Tex.

No Money Required TO BUY A FARM IN SOUTH TEXAS. I am prepared to sell you a home on from three to five years' time, without a cash payment provided you have funds to fence and put part of it in cultivation. Your crops will pay for it. For particulars address W. S. BIGHAM, 516 Bedell Bldg., San Antonio, Tex.

GULF COAST SNAPS 133 acres, level prairie, Brazos Valley, 45 inches rainfall, 5 mi. from Thompsons, 30 miles from Houston. \$35 per a., half cash. 846 acres, all valley, half prairie, 45 inches rainfall; crossed by new railway survey, in Damon Mound oil belt. \$25 per a., 1/4 cash, worth \$40.00. HILAND P. LOCKWOOD, 1118 Union Bank Bldg., Houston, Texas.

## FINANCIAL

6 per cent loans on resident and farm property to buy, build, improve, purchase, remove incumbrances, extend notes, mortgages and other securities, special privileges, terms reasonable. Correspondence invited. Commonwealth Securities Loan Company, Commonwealth Building, Denver, Colo., 1521 Commerce St., Dallas, Texas.

## WYOMING

Wyoming Carey Act Land in the Valley of Eden 21,000 acres of land at 50 cents per acre, perpetual water rights, on easy terms, easier than paying rent. No droughts, no floods, no cyclones, no part in the U.S. more healthy, no better stock country on earth. Homes that pay for themselves. Splendid markets and big crops of alfalfa, grain and vegetables now growing in the valley. Summer tourist fares (first class) daily, and homeseekers' fares (second class) first and third Tuesdays of each month. Do not let this opportunity pass but write at once for full information to E. H. MORGAN, Sales Manager, Eden Irrigation and Land Co., Rock Springs, Wyoming.

## Neosho Valley Alfalfa Land

220 ACRES, one mile from Chetopa, Kansas, on main traveled road along the high bank of the Neosho River. 172 acres in cultivation; 20 acres in pasture; 28 acres in timber; 25 acres in alfalfa, four crops cut in 1913; 25 acres more being seeded to alfalfa. House of two rooms, barn 16x32. Cold, soft, sweet water in unlimited supply at the depth of twenty-five feet on any part of this land. Corn and alfalfa still green. No irrigation necessary. Price \$10,000; \$4,000 down. No trades.

120 ACRES of splendid creek bottom land on main traveled road 2 1/2 miles from Chetopa; 100 acres in cultivation; 20 acres in pasture; creek through pasture; never failing stock water. Good soft well water 25 feet deep, abundant supply. 10 room house, large barn, with hay loft. Best of alfalfa, corn, and orchard land. Corn still green. No irrigation necessary. Price \$6,000 in payments. No trades.

80 ACRES CREEK BOTTOM five miles from Chetopa, Kansas; 60 acres in cultivation; 15 acres in pasture; 3 acres orchard. Four room house. Barn for 4 horses with hay loft and cement floor. Best of water. 40 acres being seeded to wheat and 10 acres to alfalfa. Corn still green. No irrigation necessary. No trades.

160 ACRES, alfalfa land, 1 1/2 miles from Chetopa, Kansas, on main traveled road, black, rich bottom land; 50 acres in cultivation; 40 acres meadow, balance in timber pasture. Corn still green. No irrigation necessary. Good, soft, well water at 25 feet in unlimited supply. Good for corn, wheat, orchards, and alfalfa. Price \$5,000; \$1,000 down. No trades.

J. B. Cook, Owner, Chetopa, Kansas.

## FOR SALE OR EXCHANGE

GROCERIES for land or land for mdse. F. Gass, Joplin, Mo.

EXCHANGES—all kinds—free list. Foster Bros., Independence, Kan.

WRITE J. W. Meredith of Carthage, Missouri, for prices and exchange farm lands.

STOCK merchandise about \$4,000, for tract close to city. Telephone exchange for land worth \$20,000. E. S. McCabe, Clafin, Kan.

WE BUY, sell and exchange, anything, anywhere of value. Ozark Co-operative Realty Co., Willow Springs, Howell Co., Mo.

MR. BUYER! Come to Southwest Missouri, the farmer's paradise. Special bargains. Write Modern Co-operative Real Estate Exchange, Aurora, Missouri.

\$5,000 GEN'L MDSE. and buildings located in E. Kansas to exchange. Owner anxious. Ness Co. land to ex. for eastern land, mdse., or income. C. F. Edwards, Ness City, Kan.

FARMS, stocks, and city property for sale or trade. What have you to offer? Bligham & Ochiltree, 802 Corby-Forsee Bldg., St. Joseph, Mo.

HARPER COUNTY, KANSAS. One hundred sixty acre farm, three hundred thirty-five acre farm for east Kansas farms. J. M. GARRISON, Attica, Kan.

SALES and exchanges in lands and merchandise anywhere on earth. Co-operative Realty Co., Humansville, Missouri.

WHAT have you in Southern California to sell or exchange for eastern? Wyatt Investment Company, Long Beach, Calif.

120 A. 3 MI. OF WELDA, Kan. 80 cult., 40 pasture, \$60 per acre, mort. \$2,100, wants mdse. 320 acres 2 mi. of Garnett, Kan., 200 cult., bal. meadow and pasture, \$30,000, clear, wants smaller farm, timber or rental. SPOHN BROS., Garnett, Kan.

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

### A Sacrifice Price

A good 2 room house on two nice lots (about 1/2 acre) with good well, fine fruit, apples, peaches, cherries and small fruit. Good chicken. \$300 cash or trade for cattle. JOHN WELTI, Oneida, Kansas.

### To Trade

320 acres 12 miles Jetmore, Kansas, nearly level. All grass, good soil; mortgage \$1,000, four years. To trade for merchandise. No buildings wanted.

M. W. PETERSON Hanston, Kansas



## NEW YORK

## SICKNESS FORCES SALE.

113½ acres; two story, ten room, fine house; papered and painted. 3 large, good barns, basement stables; 36x46, 36x56 and 30x56; all painted. Hog house, hen house; apples, pears, plums and peaches. Buildings insured for \$5,000. Include for immediate sales, good horses, 10 Holstein cows, 3 heifers, bull, brood sow, five hogs; 100 hens, 27 geese, 3 turkeys, 8 guineas, 10 ducks; 2 mowers, rake, grain drill, three plows, harrow, feed cutter, hay fork; ropes and pulleys. Two heavy wagons, platform wagon, two buggies, 4 sets harness, cutter sleigh, sleds, tools; hay, grain, straw, corn fodder, potatoes, all goes. \$6,000, \$3,000 cash. Balance 5% interest, long time. HALL'S FARM AGENCY, Owego, Tioga Co., N. Y.

## MISSOURI

FOR farm lands in Barry Co., Mo., write J. Y. Drake, Exeter, Mo.

FARMS and ranches all sizes and prices. C. C. McCormick, Aurora, Missouri.

YOU want an Ozark farm or ranch. What kind? Wesley Marlon, Monett, Mo.

160 A., Ozarks; 100 cult., 2 sets bldgs., spring. \$1,700. McQuary, Seligman, Mo.

WRITE Perry & Brite for prices on stock, grain and fruit farms. Monett, Missouri.

OZARK FARMS. Write Southwestern Land and Immigration Co., Springfield, Mo.

120 ACRE farm. Price \$1,600, \$400 down. Views, map free. Arthur, Mt'n View, Mo.

IN THE OZARKS; 120 a. imp., \$10 a. W. A. Morris, R. 2, Box 39, Mountain View, Mo.

15 DOWN, \$5 monthly, buys 40 a. grain, fruit, poultry land, near town. Price \$200. Write for list, Box 372, Carthage, Mo.

154 ACRES all in cultivation but 7 acres; rich, black soil; good improvements. Good water. On plowed road near city. Excellent buy. J. E. Hall, Carthage, Missouri.

40 ACRES valley; well improved, 3 miles Norwood, \$2,000. Land, city property, groceries or goods to \$900. \$450 cash, balance time. W. S. Elrod, owner, Norwood, Missouri.

BIG BARGAIN—Ideal stock farm, cheap for quick sale. 225 acres, Polk Co., Mo., 7 miles railroad, well improved, rural conveniences, FORCED TO SELL, worth \$50, will take \$30, terms to suit. Harry T. West Realty Co., Bolivar, Mo.

FOR SALE, some fine Cass county farms—grass, grain and water. 40 miles from Kansas City. Address Bohon Realty Company, Harrisonville, Mo.

CHOICE 160 a. cheap; 135 a. nice plow land, 20 a. good pasture, bal. timber. 1 mi. to R. R., ¼ mile to school; ¼ mile church. Two sets improvements. Bargain \$35 an acre. J. W. Carpenter, Bolivar, Mo.

CASS COUNTY, MISSOURI. 280 acres, rich limestone land; improved; water; 3 miles to Harrisonville; 40 miles to Kansas City. Price \$50 per acre; terms to suit. Stock and dairymen take notice. This is a SNAP. CHARLES BIRD, Harrisonville, Mo.

HOWELL CO., MISSOURI. 120 a. farm 2 mi. from Pomona. 75 a. in cult. and orchard, 500 bearing trees, apple and peach, 100 a. fenced, 5 room house, good barn, 2 wells, cistern, phone line, rural mail. ½ mi. school. \$28, terms. Farms for merchandise or town property. A. P. COTTRELL LAND CO., Pomona, Mo.

FARM LAND—CATTLE RANCHES. For sale; 880 acre stock ranch for less than half its value. 5 miles long and 2½ miles wide. Has 56 springs; 1½ miles water stream. Best bargain in Missouri. If you want to raise beef and make a fortune this is your chance. For further information write or wire owner A. J. JOHNSTON, Merchants National Bank, Springfield, Mo.

40 ACRES 4 mi. from Anderson, nearly all valley in cultivation, well fenced, 2-room house, good spring branch water; cheap at \$1,200; will carry half of it. 240 acres, 6 miles from Anderson, 140 in cult., fine orchard, all smooth, splendid improvements, water forced to house, orchard, pasture, barn by power. Price \$36 an acre; will carry \$5,000. For particulars, address W. J. Chambliss, Anderson, Missouri.

## MISSOURI LAND

75,000 acres to be offered for sale under the Contract Plan of Sale, to be divided into 5,000 units, and each unit will consist of a tract of land from 10 to 640 acres, three town lots and 300 shares of Preferred Co-Operative Orchard Company stock for \$300; only \$5.00 cash and \$5.00 monthly. No interest. No taxes. No commission. No charges of any kind.

The five thousand tracts of as nearly equal value as possible will be as follows:

1	640 acre tract
2	480 acre tracts
4	320 acre tracts
5	240 acre tracts
6	160 acre tracts
14	80 acre tracts
50	40 acre tracts
1,498	20 acre tracts
3,420	10 acre tracts

Free round trip to every purchaser to inspect land. If sick, will allow 8 weeks to resume payment. In case of death we will deliver to your heirs full-paid certificate without further payments. Mrs. Edna E. Crumley, 409 Times Bldg., St. Louis, Mo.

## ARKANSAS

ARKANSAS farms all sizes. Terms. Prices right. J. C. Mitchell, Fayetteville, Ark.

N. W. ARKANSAS lands for sale or exchange. Wright & Cox, Rogers, Arkansas.

90 ACRES northern Arkansas. Close in. Well improved. F. M. Weaver, Seligman, Mo.

170 ACRES; good improvements. Level, good water. Write E. W. Dawkins, Rogers, Ark.

WRITE J. W. GRANT for prices on fruit and stock farms. Bentonville, Arkansas.

80 A. near Ry., part bottom, improved, orchard, spring, etc., \$900. Terms. Leslie Land Co., Leslie, Ark.

WE HAVE bargains in fruit, stock and grain farms in northwest Arkansas. Springdale Land Co., Springdale, Ark.

\$60 DOWN buys 40 acre farm, rain and corn belt, Arkansas. Send for list now. Leavitt Land Co., Little Rock, Ark.

FARM list furnished, Mo., Ark. and Okla. Crops never fail. Spring water. Conner-McNabney Realty Co., Southwest City, Mo.

WRITE Brock & Little for prices on stock, grain and fruit farms. No crop failures, mild climate, spring water. West Fork, Washington Co., Arkansas.

NO CROP FAILURE known in 30 years. For list of general purpose farms in foot hills of Ozark mountains write J. L. McKamey, Imboden, Lawrence Co., Ark.

17,000 ACRES, no rocks, hills or swamps. Any size farms Grant Co. \$1.50 per a. down, bal. 20 yrs. at 6%. Employment. TETER & Co., Op. Union Depot, Little Rock, Ark.

WRITE J. O. Courtright Realty Co., for prices of fruit and stock farms. Locates colonies. Climate and water the best. No malaria. Exchanges made. Lincoln, Ark.

COME to northwest Arkansas, to Benton Co., Bentonville Co. seat, for good smooth land free from stone. Average \$65 per a. Exchanges. Robt. L. Lee, Bentonville, Ark.

ARK. fruit and alfalfa land, small or large tracts cheap. Small pay, down, long time to parties wanting homes. Write today for full particulars. Western Land Co., Rison, Ark.

YOU RUN NO RISK, crops abundant and sure, land artificially irrigated, water supply unlimited; land cheap; close to R. R. town in Ark. Let me convince you in time. Call or write A. H. Evans, Hickory Ridge, Ark.

160 ACRES dark loam bottom land, 145 cult., 5 houses, over-flow well and live creek. 5 mi. of town. \$40 per acre. Write Horton & Co., Hope, Ark.

40 ACRES on county road, 1½ mi. to school, 3 mi. to railroad station; some orchard, plenty of water, under hog wire fence. Price \$1,600; terms if desired. Other lands for sale. Ask for leaflet. E. H. Fair, Centerton, Ark.

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

CHOICE FARMS OF ALL KINDS on easy terms, in Benton Co., Ark. Ideal climate and pure water. Some exchanges. STAR LAND CO., Gentry, Ark.

LIVE IN BENTON COUNTY, ARKANSAS. Land of springs, pure water and ideal climate. Drouths never known, abundant rainfall. We own many farms, have lived here over 35 years. For reliable information and map write C. R. CRAIG & CO., Bentonville, Ark.

Arkansas Stock and Fruit Farm for Sale. 345 acres 8 miles from Waldron, county seat Scott county; 4 miles from R. R. 125 a. cultivated; 100 a. more good corn, grass and fruit land; fine timber; lasting water; 3 sets buildings, orchard, meadow, etc. Price \$6,000. Good terms. Address L. M. CUTTER, Owner, Waldron, Ark.

70 A. FARM, 4 mi. city. Half in cult.; orchard, fine springs; \$20 a. 6,000 a. best colonization proposition in best part of state. Party with cash can get bargain price. 80 a. farm, ½ mi. from station, 3 houses, flowing well, good barn, 70 acres in cultivation, \$3,000. 80 acres 5 mi. from city; 30 in cult.; 5 room house, small orchard, \$1,800. Other bargains. Texarkana Trust Co., Texarkana, Ark.

Theodore Howard, Real Estate Agent Benton county fruit and stock farms and city property for sale on good terms. Best climate and purest water in the world. Write for prices. HIWASSE, ARKANSAS.

A Proposition Worth Reading 68 acres; 12 acres in cultivation; lot more good land to clear; grist mill and cotton gin, water power, mill and gin alone will make a man a good living; 4 room dwelling house; good spring; 4 miles to railroad. Price \$1,800. Large free list. W. J. COPP, Calico Rock, Ark.

## ARKANSAS

has another bumper crop. Our 48 inches of rainfall is a guarantee against crop failure. We have 15,000 acres of fine cutover agricultural lands for sale. Your choice of a farm for \$15 per a., terms \$1.50 per a. cash, bal. any time in 20 years, 6% interest. This land is selling fast.

FRANK KENDALL LUMBER CO. Pine Bluff, Arkansas.

## LOUISIANA

FOR SALE: Farms and cut over lands Write Ponder & Mizell, Forest Hill, La.

FOR SALE OR EXCHANGE. We have for sale and exchange, several fine farms and large tracts of hill lands in Louisiana, that we will consider good income proposition in exchange for same. Invest your money in Louisiana. Write J. D. PACE & CO., Alexandria, Louisiana.

## Sweet Clover for Poor Soil

(Continued from Page 3.)

A good deal of seed is sold without recleaning. There is equipment at Garden City for recleaning the seed, however, so this work can be done if it is desired, at a nominal charge. Most of the crop usually is sold in the fall soon after it is threshed. This year, however, the owners have evidenced no great desire to part with their seed, for they know the demand is great and they believe the price will be higher.

## NEW MEXICO

CHEAPEST, best irrigated lands in the world \$25.00 to \$40.00 per acre. For information address Dan Vinson, Portales, N. M.

## NORTH DAKOTA

NORTH DAKOTA crop payment land \$22 to \$30 per acre, ½ cash, ½ crop, ½ cream until paid. 15 cows free with each section. Two purchasers can buy together. Sylvester Brothers, St. Paul, Minn.

## WISCONSIN

CAN furnish retired business men, clerks, bookkeepers, and others fine farms, 5 acres and up to 1,000, near railway stations and good markets, cheaply and on easy payments. Write for particulars to Stephenson Land and Lumber Co., Oconto, Wis.

## Secure a Home in UPPER WISCONSIN

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

## CANADA

COME to So. Alberta. Land of wheat, alfalfa, cattle. Good markets. Delightful climate. Have several special bargains. Weber Land Agency, Lethbridge, Alberta, Canada.

## LOOK!

I have 7 quarter sections of fine wheat land in Central Alberta, Canada, which I will sell at a low price giving the investor a chance of good profits soon, as this district is filling up rapidly with Americans. This land was selected by an expert and is choice, is near schools and a good town on the Grand Trunk Pacific Ry.

If interested in something exceptionally good write me for particulars and terms of sale.

HARRY DICK  
Lawrence, Kansas

## BRITISH COLUMBIA LAND

CHOICE FRUIT AND POULTRY ranches for sale in Western States and British Columbia—any size from 5 acres up—monthly, yearly or all cash payments. No irrigation needed. Price \$50 to \$150 per a. Actual government reports show that ranchers making from \$400 to \$2,000 per bearing acre. Come and see. I have sold to over 500 people in eighteen months—send for the Kootenay Magazine—price 50 cents but free to readers of this paper if you state your nationality, amount you have to invest and one reference. Beautiful mountain lake 85 mi. long—never freezes—no rainy season, no crop-killing frosts. No severe storms, drouths or cyclones. Plenty of work in mills, mines and on ranches for laboring men. Wages the best. I live there myself. Write me personally. Fred L. Harris, Pres. International Fruit & Farm Lands Co., (Inc. \$500,000), Globe Building, Minneapolis, Minn.

## COLORADO

SPLendid stock ranch, 1,240 acres. Improved. 100 alfalfa, orchard, creced and under flow water. 6 miles to station. On state road. \$25.00 acre. Most liberal terms. Allison, Rye, Colorado.

## 320 ACRE HOMESTEADS 320 ACRE

Perfect soil, fine water, climate, schools, crops, people. Our country is coming to the front rapidly. Only a few homesteads and relinquishments left at \$100, up. Get busy. Do it now. It will pay. You can't lose. How? Take the Missouri Pacific for Eastern Colorado. R. T. CLINE, Townner, Colo.

## HOMESTEADS

\$68.00 will get you a good 160 acre homestead in Morgan Co., Colorado, suitable for dairying, the growing of ordinary crops and cultivated alfalfa. Well located, fine soil, good water. Reduced prices to parties of three or more. Booklet on request. S. W. BEGGS, Fort Morgan, Colorado.

## We Want Farmers

Why buy cut-over, or wild lands in the Frozen North? We can locate you on half-section relinquishment for \$350. Will produce 30 to 35 bushels wheat and corn per acre on sod. Fine hay, good dairy country. 1 0 to 40 feet to water. Only 12 miles from this city. Land level and soil fertile, clay subsoil. Finest climate in the world. Come and get your choice.

CUTLER & LAYTON, Fort Morgan, Colo.

The growth that comes in the fall of the second year can be pastured, but that is the last return the crop makes—freezing weather kills it at the end of the second year. However, if one cuts the seed crop there always is enough seed that shatters off to reseed the land, so sweet clover is killed out only when the second crop is cut for hay. The crop reseeds just like red clover will when the cutting is delayed until some of the seeds are ripe. The price of the seed is high, so the second crop practically never is cut for hay, for it will give a greater cash return if the seed is harvested.

## Seldom Causes Bloat.

Sweet clover has considerable value as a pasture crop, after the animals get used to it, as around Garden City.

"Sweet clover will furnish pasture earlier in the spring than alfalfa," said Mr. Marshall. "We usually turn the stock on the fields in the latter part of March. We have pastured it up to May 15, but never later, as it would cut short the hay crop. Sweet clover also is valuable as a pasture crop in the fall.

"I have had but one steer troubled with bloat on sweet clover, and yet I have pastured it with from 100 to 200 head for 10 years. This steer recovered quickly. The plant has a different structure from alfalfa, and it does not pack so badly in the stomach of animals. Our cattle and horses also eat the hay readily. They are used to it now of course, but they took to it readily at first. Animals seem to like it about as well as alfalfa, and it has a similar feeding value. We use it as a protein feed just the same as we would alfalfa. Stock will eat the straw some, just about the same as alfalfa straw.

Fred Mims is one of the extensive sweet clover seed growers. He has about 160 acres. "Sweet clover is a great crop for Kansas," he said. "It not only is a good dry land crop but it also responds readily to irrigation. I have just returned from Grand Junction, Colo., where I saw a field of this crop under irrigation that threshed out 15 bushels of seed an acre. This underflow we have here, which is pumped profitably for other crops, can be used also to advantage on sweet clover. Indeed it is being done some, on a small scale."

C. M. Bowers, at Holcomb, six miles from Garden City, was one of the first growers in that section to take up the growing of the seed on an extensive scale. E. G. Finnup and D. R. Menke also are extensive seed growers.

## For the Poor Lands.

The place for sweet clover is on the poorer lands. It also will grow on land that has some alkali in it. In some cases it will kill out salt grass—and that's an acid test. It will grow under favorable conditions where other leguminous crops fail. Sweet clover adds considerable nitrogen to the soil, for the nitrogen-fixing bacteria are active. It has a very considerable loosening action on the ground. And it is important to remember, also, that the bacteria that grow on the roots of this crop are the same as those found on the roots of alfalfa, so it is an excellent crop to grow before alfalfa. The bacteria on the roots of red clover are not the same as the alfalfa bacteria.

Sweet clover is not and never will be equal to alfalfa or red clover in feed production, where these crops do well. This fact should never be forgotten. Of course, with the present high prices of seed, there is good profit in producing it, but some day this demand will be supplied, and then the price of seed will be much lower. Feed production is the basis on which this crop must be judged—when considered as a permanent proposition—and it is not the equal of alfalfa or red clover in this respect when the conditions are favorable for these crops.

There is no disposition to discourage the intelligent growing of sweet clover. Not at all. The crop has its place, which is on the poorer soils and locations. But there has been much bunc about this wonderful weed which some persons would have you believe is to be the most important Kansas leguminous crop. It is time the crop was judged on the basis of its real worth. It has its place, but this place is not where alfalfa or red clover succeed well.



## FARMERS CLASSIFIED PAGE.

Advertisements will be inserted in this department for 5 cents per word each insertion. Cash must invariably accompany the order. Remit by postoffice money order. 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.

### WHY NOT ADVERTISE YOUR LIVESTOCK ON THIS PAGE?

If you have a few pigs, a young bull or a Jersey cow to sell, this is the place to find a buyer. The rate is only 5 cents a word per issue. If you need anything in the way of breeding stock, try a small ad on this page.

#### HORSES, CATTLE, HOGS, SHEEP.

FOR SALE—700 grade Shropshire ewes. L. L. Guthrie, Douglass, Kan.

DUROC-JERSEY boars and Scotch collie dogs. Fred Kucera, Clarkson, Neb.

DUROC PIGS \$10 to \$20; larger numbers less. Coppins & Clemmer, Potwin, Kan.

REGISTERED Shropshire rams, best of breeding, priced right. J. M. Shetlar, Moran, Kan.

LARGE TYPE Polands, up-to-date breeding. A few extra March boars. A. A. Meyer, McLouth, Kan.

LIVE STOCK WANTED. Irrigated land in Pecos Valley to exchange for livestock. W. R. Draper, Kansas City, Mo.

TEN registered Hereford bull calves, \$65.00 each. These bulls are early and extra good. Ernest Smith, Route 2, Alton, Kan.

THOROUGHbred registered Guernsey bull Jessie's Glenwood, 6 yrs. old. Will sell cheap. 1st quality. I. S. Stull, Pleasanton, Kan.

REGISTERED Shropshire rams, yearlings, good ones, weighing 150 to 200 lbs. Priced reasonably. G. M. Fisher, R. 4, Wichita, Kan.

POLAND CHINA spring boars by champion boar Advance. None better. Prices thirty dollars up. Haworth Bros., Galena, Kan.

40 HEAD natives yearling steers wanted. Write weight, prices, colors, and number you have. Address A. D. Dudgeon, Fall River, Kan.

REGISTERED Shropshires. We are offering 25 head of bred ewes and 25 head of rams at drouth prices. Doyle Park Stock Farm, Peabody, Kan.

FOR SALE OR TRADE—Two Unit Sharpless Mechanical Milker, used 6 months. Also high grade Holstein bull calf. J. A. Matheln, Anthony, Kan.

#### FOR SALE.

WRITE us for prices today. E. R. Boynton Hay Co., Kansas City, Mo.

WAGON—\$35 heavy oak wagon. Joseph Hastings, 2603 Lincoln, Topeka.

WHITE AND BROWN FERRETS for sale; price list free. Bert Ewell, Wellington, Ohio.

HONEY—Bulk comb, 58 pound can \$6.25; 116 pounds \$12.00. Bert W. Hopper, Rocky Ford, Colo.

PRAIRIE HAY for sale. We have all grades. Write or wire us for prices. Hogan Hayden & Co., Pryor, Okla.

FOR SALE—Sixteen horse steam tractor, good as new, \$375. Dandy little gas tractor, \$350. S. B. Vaughan, Newton, Kan.

WE SELL direct to consumer the finest rice grown in America. Not sold in stores. Write for prices. Consumers Rice Company, Houston, Texas.

180 TONS corn ensilage, 40 acres shock corn, 20 tons alfalfa hay; timber feed lot adjacent; and can get man to feed. J. M. Trundale, Elmdale, Kan.

PIANO AT BARGAIN: Customer near Topeka has paid about two-thirds on piano contract and is moving away. Will turn piano over to first satisfactory party anywhere in Kansas who will pay balance, either cash or six dollars per month at six per cent interest. Write Olney Music Co., St. Joseph, Mo.

SEVEN passenger 60 horse power Winton six, fully equipped, self-starter, top and windshield. Cost \$3,000 when new. Can be bought for \$1,500. This is a great family car and has only been used by owner. Would also make profitable investment as livery car in country town. Call or address Mr. Wilson, care Topeka Capital, for demonstration.

HONEY—New crop pure extracted (strained) honey gathered by our own bees. We offer you a case of two five gallon cans, 120 pounds of honey for \$9, only 7 1/2 cents a pound, purity, safe delivery and satisfaction guaranteed. If so much is not needed ask your neighbor to join with you, you save freight by ordering this amount. Address: The Rocky Mountain Bee Co., Forsyth, Montana.

#### FOR SALE OR EXCHANGE.

FOR SALE OR TRADE for farm, one of the best equipped feed barns in Kansas. B. care Mail and Breeze.

EXCHANGES: 1,000 farms, mdse., etc., everywhere. What have you? Reidy & Overlin, California, Mo.

LAND: Will trade for good farm; unimproved preferred; must be good land; two fine room houses, modern in every respect; located in best residence district of Kansas City. Bring good rent. Address J. H. Foreman, Long-Bell Lumber Co., Kansas City, Missouri.

#### LANDS.

FOR SALE: Gulf Coast prairie land. G. T. Reinhardt, East Bernard, Texas.

IRRIGATED farms for sale or trade. Oil lands \$20 acre. Kaiser Bros., Dayton, N. Mex.

FLORIDA potato and fruit lands; want realty or merchandise. Boyer, 306 Commerce, Kansas City, Mo.

FREE HOMESTEADS, and proved up places for sale. For information write John M. Edes, Williams, Beltrami Co., Minn.

FOR SALE AT A BARGAIN Improved farm of 500 acres with 200 acres of wheat growing thereon. Address P. O. Box 312, Wakeeney, Kan.

SPLENDID quarter section, well improved, Jackson county, Kansas, close to town. Owner leaving state. Big bargain. No agents. Address Jackson, care Mail and Breeze.

120 ACRE improved valley farm, 2 1/2 miles out, well located, all tillable, 75 acres in cultivation, balance timber. Price \$4,300. Padgett & West, Mountain View, Howell Co., Mo.

FOR SALE BY OWNER—200 acres in eastern Kansas. Good land and good buildings. All in first class condition. One mile from good town. W. S. Bergundthal, Topeka, Kan.

ARKANSAS LAND FREE. 500,000 acres government land now open to settlement. Booklet with lists, laws, etc., 25c. Township map of state 25c additional. L. E. Moore, Little Rock, Ark.

RICH RIVER LANDS, black land that grows alfalfa, corn and cotton, also cheap cut over lands for fruit and truck growing, also fine improved farms. Floyd Porterfield Company, Hope, Arkansas.

60 ARKANSAS FARMS 60—Lands especially adapted to fruits, cantaloupes, vegetables, alfalfa. Good markets. Abundant water. Ideal climate. Free information. Write W. T. Daniel, Belton, Arkansas.

GOVERNMENT LAND: map showing location of 200,000 acres in north Arkansas subject to homestead, 25c. Bold springs of pure water; no negroes; no mosquitoes. Lock Box 781, Dept. A-2, Harrison, Ark.

3,000 A. 600 a. river bottom land. Alfalfa growing. Hundreds large shade trees. Fair improvements. Inexhaustible water with grass and stacked feed. 2 miles from Co. seat and U. P. division. Ed Carter, Sharon Springs, Kan.

FOR SALE. On payments, one of as fine Crooked Creek farms as you will find. Grant Co., Okla. Good improvements, 100 acres in wheat. 135 acres in cultivation. \$1,200.00 payment to start, then \$500.00 per year. Do you want it? C. W. Straughan, Wakita, Okla.

ALBERTA—320 acres fine mixed or dairy farm, 2 miles Neapolis. Level land. No brush. 11 (eleven) acres broken. Fenced. Beautiful house, painted barn, sheds, etc. Only \$21 per acre, \$2,000 cash, balance easy. About this and other bargains write George Grant, Herald Block, Calgary, Alberta.

FOR SALE OR TRADE—School land lease, 160 acres, 80 acres cultivation, 80 acres fine pasture, no buildings, fenced, plenty of water, good land, 3 miles from town, 1/2 mile to school. Price \$1,500.00, would consider small rental property, or auto for half of purchase price. C. W. Straughan, Wakita, Okla.

PATENTED state school land. Opening sale first allotment November 15th. One-twelfth cash, balance 10 years time. Located near Houston. Pacific railroad, only 32 miles from Houston. Ample rainfall; good markets. Big crops corn, cotton, potatoes, fruit, vegetables. Free Texas map and particulars. Write Dr. C. H. Walters, Trustee, 422 First Nat'l Bank Bldg., Houston, Texas.

A GOOD home and farm combined, one-half mile from a good town, Mammoth Spring, Ark., on the Missouri and Arkansas line on the southern slope of the Ozarks. Good water, healthy climate, good stock farm or dairy farm. A square, 160 acre farm, lies rolling with valley running east. Sixty acres under cultivation. Fifty five acres under hog fence. Forty-five acres timber pasture. Good buildings. Large orchards. Price \$5,000.00. \$3,000.00 down. For further particulars, write Wm. Lytle, Mammoth Spring, Ark.

TEXAS FARM—No payment down. Not one single cent to pay for one whole year and then only the interest. After that 15 years' time to make the land pay for itself. Most wonderful terms ever offered to farmers—especially renters. Located near Houston in the heart of the rain belt. I want good settlers to help me develop the town of Northwood and the community surrounding. I will sell a limited number of farms on this plan. Act quickly if you want one. Every farm is situated on or within three miles of railroad; real farms—20, 40, 80, 160-acres; big crops corn, cotton, potatoes, cane; excellent for fruit and vegetables. Ideal stock country; good markets; healthful climate; good water; fertile soil. Greatest opportunity ever offered men who want to own a farm. Price \$30 to \$85 per acre. If you have not the necessary horses or mules and implements to run a farm, and at least \$200 in cash to carry you, please do not take up my time, but if you really are equipped and want to get a start on good land without any cash payment down, write today for free maps, plats and all particulars. C. L. Peirce, owner, 602 First National Bank Bldg., Houston, Texas.

#### LANDS.

TWO fine business lots in Atchison, Kan., to exchange for land. Address Lock Box 286, Topeka.

TO RENT to northerner. 160 acres rich Arkansas river bottom farm. Miss M. E. Bidwell, Moscow, Arkansas.

DELAWARE is a good state to live in; land is good for fruits, grain and livestock. Free pamphlet. State Board of Agriculture, Dover, Delaware.

FOR SALE—40-acre farm, fairly improved; timber, water and fruit; frame house, 30x32, insurance \$400; frame barn, 25x30, insurance \$150; near Alton, county seat; price \$1,200; no trade; terms easy. Mrs. S. X. Frey, Alton, Mo.

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

FOR SALE—300 acres river bottom land; fenced, house, alfalfa, flowing artesian well; inexhaustible flow obtainable at reasonable depth; public range adjoining; five miles from good railroad town; title perfect; no incumbrance. This land in alfalfa with water to irrigate, easily worth \$150 per acre. Reason for selling here not means to further improve land. D. L. Geyer, Roswell, New Mexico.

IRRIGATION from wells. If you secure your farm in Elko county, Nevada, you are not subject to the high prices usually paid to irrigation companies. Sink your own well and at a cost of pumping of about \$3.00 per year per acre will cover your entire expenses. There are 15,000 acres of land just north of Reno good for general farming on which water can be secured from wells. Prices range from \$4 to \$10 per acre. Write to me and I will give you full free information regarding these lands. A. McAllister, Land Commissioner, 877C Flood Bldg., San Francisco, Calif.

TEN ACRES ENOUGH, if the acres are as well improved and as well located as the farm called "Hillhome," I am offering for sale. Ideal chicken and hog ranch. Adjoins city limits of Leocompton, the former capital of Kansas. Two minutes' walk from good graded school and from good high school. On rural route. Half mile from depot. Brick building of seven rooms. Porch on north and east front. In beautiful location, affording view for miles. Good cistern. Well never dry since dug 40 years ago. Bank barn with room for 10 horses and cows; 10 tons hay, 500 bushels corn; has vehicle and tool rooms. Chicken house for 200 hens. South slope ideal place for chickens and hogs. Three acres alfalfa. Reason for selling, am in other business, and want to sell quick. Therefore, price is only \$2,200. Terms, \$1,200 cash, \$1,000 mortgage. E. P. Harris, care Crane & Co., Topeka, Kansas.

#### SEEDS AND NURSERIES.

WANTED TO BUY—200 bushels alfalfa seed. Ernest Russek, Norfolk, Neb.

BEST ALFALFA seed, guaranteed pure, \$7 per bushel. John Ryman, Dunlap, Kan.

FETERITA SEED—First class feterita seed at \$3.00 per bushel. Chas. Gelst, Aline, Okla.

TREES at wholesale prices. Fruit Book free. Address Wichita Nursery, Box B, Wichita, Kan.

ALFALFA SEED. Finest quality, fresh seed. Write for samples and price. D. Badger, Eureka, Kan.

SEED FOR SALE—Selected heads maize, white and red kafir, \$1.00 per 100. R. O. Claycomb, Guymon, Okla.

FETERITA. Pure, clean seed, 20 pounds \$1.00; 50 pounds \$2.00; 100 pounds \$3.50. Charlie Clemmons, Anadarko, Okla.

SPECIAL EVERGREEN SALE—Red cedars for wind breaks and posts, 6 to 12 in., one cent each; 12 to 20 in., 2 cents each; 20 to 30 in., 5 cents each. W. P. Waters, Pyatt, Ark.

#### BUSINESS CHANCES.

GENERAL stock merchandise invoice \$14,000.00 for land in Dickinson or adjoining counties. Roy Williams, Enterprise, Kan.

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

#### FARMS WANTED.

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

#### INVESTMENTS.

WANTED TO BUY—"Old Line" life insurance policies. Will pay more than the companies issuing them. Write today giving age and kind of policy. Eugene P. Guthrie, Okla. City.

#### DOGS.

DOGS—White Spitz beauties. Sunnyside Farm, Havensville, Kan.

SCOTCH COLLIES, ranch raised. Geo. Stephens, Atlanta, Kan.

FOR SALE—Full blood bull pups. H. L. Ferris, Osage City, Kan.

SCOTCH COLLIES—Females for sale. J. C. Starr, Vinita, Oklahoma.

FOX TERRIERS Ratter pups for sale. Ginette & Ginette, Florence, Kan.

FOR SALE—Scotch stag wolf hounds, long hair with extreme speed. Chas. Rezeau, Cullison, Kan.

FOR high class trail hounds and grey hounds send 2 cent stamp to Rash Bros., Centerville, Kan.

FOR SALE—St. Bernard puppies, finely marked, from registered stock. J. T. Hanagan, Colfax, Ind.

WANTED—Nice white Eskimo-Spitz puppies under eight weeks old. Brockways Kennels, Baldwin, Kan.

FOR SALE—Three handsome female collies, eight months old. \$5.00 quick. F. H. Barrington, Squirrel Creek, Colo.

FOX, coon and rabbit hounds broke to gun and field and guaranteed. If you want good ones at the right price write me. Stamp for reply. H. C. Lytle, Fredericksburg, Ohio.

#### PATENTS.

PATENT YOUR IDEAS—They may bring you wealth: 64-page patent book free. W. T. Fitz Gerald & Co., 816 F. St., Washington, D. C. Est. 1880.

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

IDEAS WANTED—Manufacturers are writing for patents procured through me. 3 books with list 200 inventions wanted sent free. Advice free. I get patent or no fee. R. B. Owen, 34 Owen Bldg., Washington, D. C.

PATENT WHAT YOU INVENT. It may be valuable. Write me. No attorney's fee until patent is allowed. Estab. 1882. "Inventor's Guide" free. Franklin H. Hough, 532 Loan & Trust Bldg., Washington, D. C.

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

#### AGENTS WANTED.

AGENTS—Novelty knives and razors are lightning sellers. 100% profit. Exclusive territory. Goods guaranteed. Novelty Cutlery Co., 160 Bar St., Canton, Ohio.

CAN USE a few experienced salesmen in Kansas to act as special representatives in good territory. Write Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

AGENTS WANTED for full line fruit trees and shrubs. Work full or part time, as you prefer. Draw pay every week. We teach you. Outfit free. Lawrence Nurseries, Lawrence, Kan.

WE WILL PAY YOU \$120.00 to distribute religious literature in your community. Sixty days' work. Experience not required. Man or woman. Opportunity for promotion. Spare time may be used. International Bible Press, 536 Winston Bldg., Philadelphia.

#### SALESMEN WANTED.

SALESMEN—To sell high grade guaranteed groceries at wholesale direct to farmers, ranchmen and all consumers. Earn \$4 to \$10 and up per day. A big chance to get into business for yourself. Save the buyers the retailer's profit. Every customer is a permanent one. Demand constantly increasing. Latest plan. F. M. Hitchcock-Hill Co., Chicago.

LOCAL REPRESENTATIVE WANTED. Splendid income assured right man to act as our representative after learning our business thoroughly by mail. Former experience unnecessary. All we require is honesty, ability, ambition and willingness to learn a lucrative business. No soliciting or traveling. All or spare time only. This is an exceptional opportunity for a man in your section to get into a big paying business without capital and become independent for life. Write at once for full particulars. National Co-Operative Realty Company, L-167, Marden Building, Washington, D. C.

#### HELP WANTED.

THERE are hundreds of ways by which women can earn money largely at home. For particulars address "The Workers' Club" of Hammon, N. J.

WANTED: Men and women for government positions. Examinations soon. I conducted government examinations. Trial examination free. Write, Ozment, 38, St. Louis, Mo.

MEN AND WOMEN over 18 wanted for U. S. government positions. \$65 to \$150 month. Thousands of appointments this year. "Pull" unnecessary. Farmers eligible. Common education sufficient. Write for free book of positions open to you. Franklin Institute, Dept W 53, Rochester, N. Y.



## MALE HELP WANTED.

GET A GOVERNMENT JOB. List of positions obtainable—free. Write Franklin Institute, Dep't W 53, Rochester, N. Y.

WRITE for free list of government jobs open to you. \$65 to \$150 month. Franklin Institute, Dep't W 53, Rochester, N. Y.

MEN for electric motormen and conductors; excellent opportunity; new electric roads; \$70 to \$90 monthly; experience unnecessary. No strikes. Fraud, care Mail and Breeze.

4TH CLASS POSTMASTER positions now open to everyone. Examinations everywhere may be called any time. Full description free. Write immediately. Franklin Institute, Dep't W 51, Rochester, N. Y.

YOUR opportunity to learn salesmanship quickly. We want ten more good men to act as special representatives in the best territory in Oklahoma and Kansas. Will pay extraordinarily liberal commissions to start. Send one bank reference with application. Address, Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

WANTED—Men prepare as fireman, brakeman, electric motorman, colored train porters. Hundreds put to work. \$75.00 to \$100.00 month. No experience necessary. 100 more wanted. Standard Kansas roads. Write Inter Railway Dept. (66), Indianapolis, Ind.

## MISCELLANEOUS.

POULTRY wanted. Coops loaned free, daily remittances. "The Cope's" Topeka, Kan.

PLACES found for students to earn board and room. Dougherty's Business College, Topeka, Kan.

HAY FOR SALE—Several cars good No. 1 Nebraska prairie hay for sale f. o. b. cars Concordia, Kan. A. L. Hall.

COLLECTION AGENCY. Established 1889. Bad debts made good. Bank reference given. N. S. Martin & Company, Arkansas City, Kan.

WILL PAY reliable woman \$250.00 for distributing 2000 free packages Perfumed Soap Powder in your town. No money required. M. B. Ward & Co., 218 Institute Pl., Chicago.

FREE ladies' or gentlemen's beautiful gold watch. Send for particulars today. All we ask is a little of your spare time. Southland Importing Company, Box 861, San Antonio, Texas.

POULTRY MAGAZINE—Big 40 to 80 page illustrated magazine of practical, common sense chicken talk. Tells how to get most pleasure and profit from poultry raising. 4 months on trial only 10c. Poultry Culture, 464 Jackson, Topeka, Kan.

CAPPER'S WEEKLY. Missouri Valley Farmer or Household three years and half dozen Oxford teaspoons 75c; or Poultry Culture or Oklahoma Farmer two years and half dozen Oxford teaspoons \$1.00. Universal Sales Co., 433 Topeka Ave., E., Topeka.

WE PAY THE FREIGHT and send you absolutely free a 6-lb. pair feather pillows as an introduction along with your order enclosing ten dollars for our famous 36-lb. feather bed. New feathers. Best ticking and equipped with sanitary ventilators. Satisfaction guaranteed. Delivery guaranteed. Agents make big money. Turner & Cornwell, Dept. 80 Memphis, Tenn., or Dept. 90, Charlotte, N. C.

## We Make Good Cuts!

The Mail and Breeze has the most complete plant in Kansas for the making of first class half-tone engravings and zinc etchings. Particular attention given to livestock and poultry illustrations for letterheads, newspaper advertisements and catalogues. Our cuts cannot be excelled and are guaranteed satisfactory. Lowest prices consistent with good work. Write for information. THE MAIL AND BREEZE, Topeka, Kan.

## Organs, \$15 to \$30. Highest Grade

Stetson, Mason & Hamlin, Story & Clark, Kimball & Cottage & Co., Slightly used; like new. Write today. Jenkins Sons Music Co., Kansas City, Mo. Reference, any bank in Kansas City

Auction  
Colorado Ranch

668 acres in lots of 40 acres and upwards to suit buyer.

This is high class, improved, irrigated, general purpose farm land, is situated 3 1/2 miles southwest of Mancos, Colorado, and will be sold at auction

**October 28, 1913**

At 12:00 Noon, on the Premises.

The right to reject any and all bids is reserved. It is the best piece of land in the beautiful Mancos Valley, is practically all in crops that will average high both in quantity and quality, being oats, wheat, alfalfa, barley and potatoes.

Horses, crops and farm machinery also to be sold. Here is your chance to get a home in one of the best agricultural and stock sections of Colorado. Soil, water and climate can't be beat, markets good.

Water rights consist of paid for, decreed rights, old priorities, out of the Mancos River. There is ample water for all needs, the ditches are short and easily and cheaply cared for.

Terms—40% of purchase price in cash, balance as agreed upon.

If you want a farm that will be a pleasure to own and one that will make you money, it will certainly pay you to attend this sale. Anyone that will work this land cannot help but make it pay for itself in a short time, especially at the prices it is liable to go for. If interested write

**L. J. Mountz Realty Co.**  
531 17th St., Denver, Colo.

## WHAT BREEDERS ARE DOING

FRANK HOWARD,  
Manager Livestock Department.

## FIELDMEN.

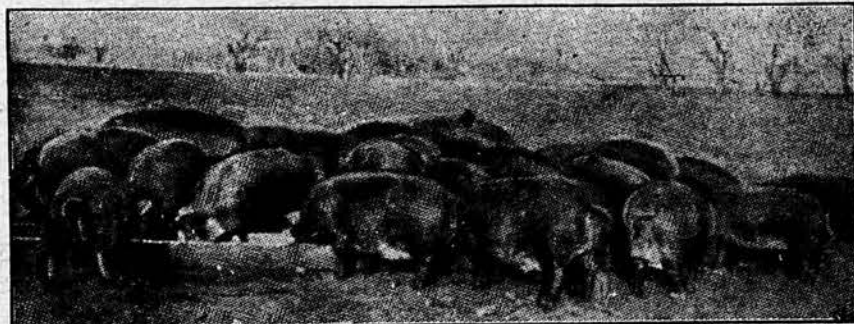
A. B. Hunter, S. W. Kansas and Oklahoma, 1124 So. Market St., Wichita, Kan.  
John W. Johnson, 820 Lincoln St., Topeka, Kan., N. W. Kansas and S. Nebraska.  
C. H. Walker, N. E. Kansas, N. Missouri, 3632 Flora Ave., Kansas City, Mo.  
Geo. W. Berry, N. Nebraska and W. Iowa, Capper Bldg., Topeka, Kan.  
Ed R. Dorsey, S. E. Kansas and S. Missouri, 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.

## Poland China Hogs.

Oct. 20—Roy Johnston, South Mound, Kan.  
Oct. 21—H. B. Walter, Effingham, Kan.



Oct. 22—H. C. Graner, Lancaster, Kan.  
Oct. 23—U. S. Byrne, Saxton, Mo.  
Oct. 28—W. R. Webb, Bendena, Kan.  
Oct. 28—Joe Hemmy, Hill City, Kan.  
Oct. 29—Timm Nuehofel, Central City, Neb.  
Oct. 29—Walter Hildwein, Fairview, Kan.  
Nov. 7—U. S. Byrne, Saxton, Mo.  
Jan. 31—A. D. Jones, Dunlap, Iowa.  
Feb. 3—J. H. Hamilton & Son, Guide Rock, Neb.  
Feb. 11—H. C. Graner & Son, Lancaster, Kan.  
Feb. 12—Thos. F. Walker & Son, Alexandria, Neb., at Fairbury, Neb.  
Feb. 13—W. E. Epley, Diller, Neb.  
Feb. 14—J. F. Foley, Orinque, Kan.  
Feb. 17—L. E. Klein, Zeandale, Kan.  
Feb. 18—J. H. Harter, Westmoreland, Kan.  
Feb. 19—J. L. Griffiths, Riley, Kan.  
Feb. 24—M. T. Shields, Lebanon, Kan.  
Feb. 27—W. A. Davidson, Simpson, Kan.  
Mar. 4—John Kimmerer, Mankato, Kan.

## Duroc-Jersey Hogs.

Jan. 26—Ward Bros., Republic, Kan.  
Jan. 23—C. E. Clauff, Central City, Neb.  
Jan. 28—W. E. Monasmith, Formoso, Kan.  
Jan. 29—N. B. Price, Mankato, Kan.  
Jan. 31—A. M. Rinehart & Son, Smith Center, Kan.  
Feb. 3—Howell Bros., Herkimer, Kan.  
Feb. 4—Moser & Fitzwater, Goff, Kan.  
Feb. 5—Samuelson Bros., Cleburne, Kan.  
Feb. 6—Leon Carter, Asherville, Kan.  
Feb. 7—E. G. Munsell, Herington, Kan.  
Feb. 9—E. A. Trump, Formoso, Kan.  
Feb. 10—Agricultural College, Manhattan, Kan.  
Feb. 11—Thompson Bros., Garrison, Kan.  
Feb. 18—Geo. W. Schwab, Clay Center, Neb.  
Feb. 21—Dana D. Shuck, Burr Oak, Kan.  
Feb. 25—A. T. Cross, Guide Rock, Neb.

## O. I. C. Hogs.

Feb. 18—H. L. Bode, Friend, Neb.  
Feb. 19—Chas. H. Murray, Friend, Neb.

## Jersey Cattle.

Nov. 10—A. L. Churchill, Vinita, Okla.  
Jan. 28—Mousel Bros., Cambridge, Neb.  
Feb. 19—Nebraska Hereford Breeders' Assn. sale at Grand Island, Robt. Mousel, Cambridge, Neb., Mgr.

## Imported Shire Mares.

Dec. 11—Truman's Pioneer Stud Farm, Bushnell, Ill.

## Jacks and Jennets.

Feb. 26—H. T. Hineman & Sons, Dighton, Kan., and Dorsey Hutchins, Sterling, Kan. Sale at Sterling.

## S. W. Kansas and Oklahoma

BY A. B. HUNTER.

## Watson Has Good Trade.

R. C. Watson, of Altoona, Kansas, has made a specialty in popular blood lines in his Duroc-Jersey herd. Buddy K 4th and B. & C's Col. blood predominates. Duroc-Jersey breeders know there is no better breeding than represented by these two great sires. Mr. Watson has been carrying his ad in Farmers Mail and Breeze for two years and has enjoyed a good trade. His customers are satisfied because he sends out only the best for breeding purposes. At present he is offering 25 sows and gilts either bred or open; also summer and fall pigs. His hogs are in first class condition; his spring pigs weighing on an average of 200 pounds. He is also offering one of his herd boars at a sacrifice price. If interested in such an offering write Mr. Watson mentioning Farmers Mail and Breeze.

## Guernsey Cattle Sale.

Fred'k Houghton, Galva, Kan., will sell at Galva, Thursday, November 6, 30 head of Guernsey cattle, consisting of 20 head of cows and heifers safe in calf and 10 head of young heifers and bulls. Fifteen head of these Guernsey cattle are purebred and

registered and 15 head are high grade and unusually good milkers being sired by the famous bull Eminence of Birch Wood, and out of good Jersey dams. Eight of these purebred Guernsey cows and heifers, four of which are from the noted Dunlap herd of Fayetteville, N. Y., are now safe in calf to one of the best sons of Eminence of Birch Wood. This is a real good chance to buy for far less than their value one of the best lots of Guernsey cattle in the state of Kansas and with the advent of the silo and the wonderful impetus given to the dairy business thereby, no man who has studied the dairy proposition and the Guernsey cattle question as it should be can afford to miss this sale of Guernsey breeding stock. These cattle will sure sell and very likely at much less than their real value. Our advice is to send today for full particulars and arrange to be on hand sale day. Please read display ad in this issue.

## Otey's Champion Duroc-Jerseys.

W. W. Otey & Son, Winfield, Kan., have been in the Sunflower state just about two years and while they have been up against

March 11, 1913, sale for an average of \$52. Next March the Oteys expect to put up a much better offering in their annual bred sow sale.

## N. W. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

F. C. Gookin, Russell, Kan., breeder of O. I. C. hogs' is booking orders for fall pigs at dry weather prices. See his advertisement in this issue. He is the leading O. I. C. breeder in western Kansas and sells pigs all over the country. Give him an order and let him book your order now at a low figure. Write him today.

R. P. Wells, Formoso, Kan., is offering for sale fall boars and gilts and choice spring boars. Mr. Wells is well known as a reliable breeder of fashionable Duroc-Jerseys at Formoso, Kan., and you will do well to let him price you a boar or fall gilt before buying. He is a member of the Jewell county breeders' association and his advertisement can be found in the Jewell county breeders' section in Farmers Mail and Breeze.

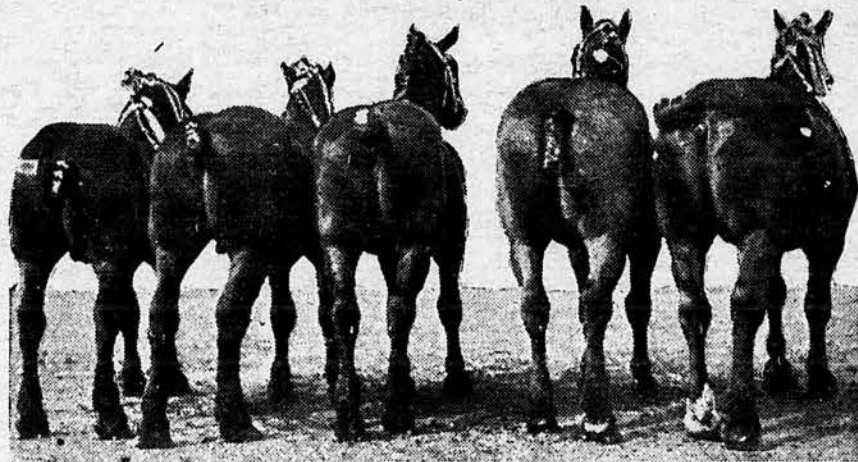
In this issue A. R. Reystead, Mankato, Kan., is offering for sale two Poland China herd boars. Both are two years old and in good shape to go in any herd. Big Look, by Chief Grand Look and out of Majestic Queen, by Guy's Monarch is a boar you should investigate before you buy. The other is Reystead's Jumbo, by Choice Goods, dam Mammoth Queen, by Nebraska Boy. Investigate this offer if you need a well bred herd boar that is just in his prime.

## Buy Top Spring Boars.

John L. Nalman, Alexandria, Neb., is offering 40 early spring pigs at private sale. They are good and there are three in the lot that deserve special mention. They are by Nalman's Choice, by Blue Valley. Their dam is Black Pet and the breeding on both sides is as good as could be desired. These boars are unusually good and anyone looking for something outstanding had better get in touch with Mr. Nalman at once. These boars were intended for Mr. Nalman's annual boar sale but because of crop conditions he decided to call it off and sell the best of his boars at private sale. They will be priced right to move them and you better write him at once for prices and descriptions before you buy. He has the goods and will treat you right.

## Wolf Bros.' Imported Horses.

Wolf Bros., Importers and breeders, Albion, Neb., announce the arrival of their first shipment in 1913 of imported Percheron and Belgian stallions and mares. Horsemen will be interested in knowing that Mr. Julius Wolf, a member of this firm, spent the summer in Europe, giving his personal attention to the selection of horses from the best studs of France and Belgium. Good judges pronounce this importation the best lot of horses that this firm has ever brought over. They landed just in time to reach Lincoln



Group of five imported Percheron stallions, Nebraska State Fair. Awarded first prize. Two-year-olds. Wolf Bros., Albion, Neb.

plon but the judge liked the older boar better and gave him the grand championship. Good Enough Again King was 3 years old and weighs in very ordinary condition 830 pounds. If highly fitted he would carry 200 pounds more easily. This boar is the seventh grand champion in direct line. These two boars are probably as great a pair, blood lines and individuality considered as can be found in any one Duroc-Jersey herd in the country. The accompanying illustration was made from a picture of 21 head of sows that Messrs Otey sold in their

by fast express, and were shown at the Nebraska State Fair, immediately after their long journey, and in one of the strongest shows that has ever been held in the West, captured 16 prizes, including grand champion and senior and junior champion on Belgian stallions, reserved grand champion and junior champion on Percheron stallions; first, second and third on 2-year-old Percheron stallions; first on 3-year-old, first and second on 2-year-old, and first on 1-year-old Belgian stallions, and the first prize on of sows that Messrs Otey sold in their

## GUERNSEY CATTLE SALE

GALVA, KANSAS, THURSDAY, NOV. 6

30 HEAD

15 Pure Bred and Registered

8 head of cows and heifers of breeding age and safe in calf. Several young heifers and bulls.



30 HEAD

15 High Grade

cows and heifers. Nearly all by Eminence of Birch Wood and out of Jersey dams. They are most all now safe in calf to Joe Hooker of Kansas.

**THE DAY OF THE DAIRY COW IS HERE**

and the more you know of Guernsey cattle the better you will like them. These cattle must sell, but for no fault of their own. Write for full particulars. Address

**FRED'K HOUGHTON, GALVA, KAN.**

AUCTIONEERS, Col. J. D. Snyder and Col. C. Wiles.

FIELDMAN, A. B. Hunter.



## LIVESTOCK AUCTIONEERS.

**CHAS. M. SCOTT**, Livestock Auctioneer. Thoroughly posted on pedigrees and values. Formerly of Scott & Singer. Poland China breeders. Hiawatha, Kan.

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

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

**W. C. CURPHEY**, Salina, Kansas. Write, phone or wire for dates. Address as above.

**COL. T. E. GORDON**, WATERVILLE, KANSAS. Merchandise Auctioneer. Write for open dates.

**G. A. Drybread** The Auctioneer Elk City, Kan. Live Stock and Farm Sales made anywhere. Prices reasonable. Give me a trial. Satisfaction guaranteed.

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

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

**JAS. W. SPARKS** Live Stock Auctioneer MARSHALL, MO.

**FRANK J. ZAUN** FINE STOCK AUCTIONEER Independence, Mo., Bell Phone 675 Ind. My References: America's best breeders for whom I have been selling for years. Get Zaun He Knows How

**B. O. BROADIE** Livestock Auctioneer Winfield, Kas. Write or phone for dates.

**L. R. BRADY** Manhattan, Kansas Livestock Auctioneer. Write or wire for dates.

**Will Myers** Beloit, Kan. Is already booked on leading breeders' sales in Central Kan. Choice dates still open. Write or wire.

**W. B. Carpenter** Livestock Auctioneer 1400 Grand, KANSAS CITY. Also Land Salesman

**John D. Snyder** HUTCHINSON, KANSAS LIVE STOCK AUCTIONEER Wide acquaintance and practical knowledge of draft horses and pure bred live stock, all breeds.

## Be an Auctioneer

Travel over the country and make big money. No other profession can be learned so quickly, that will pay as big wages. Write today for big, free catalogue of Home Study Course, as well as the Actual Practice School, which opens Oct. 6, 1913.

**MISSOURI AUCTION SCHOOL** Largest in the World. W. B. Carpenter, Pres. 1400-04 Grand Ave., Kansas City, Mo.

## RED POLLED CATTLE.

**FOSTER'S RED POLLED CATTLE** Write for prices on breeding cattle. C. E. FOSTER, R. R. 4, Eldorado, Kansas.

**Red Polled Cattle** Young bulls ready to ship. Cows and heifers for sale. Best of breeding. Write, or better come and see. CHAS. MORRISON & SON, Phillipsburg, Kas.

**Duroc-Jerseys—Red Polls** 12 growthy yearling bulls. Spring pigs for sale at popular prices. Females bred for fall farrow. "Big Growthy Type" Red Poll Bulls and young females for sale. Write Geo. W. Schwab, Clay Center, Neb.

## SHORTHORNS.

## Scotch and Scotch Topped Cattle

Bulls, cows in calf, by RICHIELEU 337743. Bulls, cows in calf, by Brawith Heir 351808. We will sell Lavender Bud, a good class junior yearling that combines the blood of Choice Goods, Gallant Knight and Collynie on a Cruickshank Lavender foundation. Write for prices.

**CLARENCE WHITE**, Burlington, Kan. (300 bushels of alfalfa seed for sale.)

## Shorthorn Cattle

High class cattle, both Scotch and Scotch Topped. Both sexes. 2 yearling bulls; extra good. One by Baron Cumberland, the other by Silk Goods. Both red and large enough for a reasonable amount of service. S. C. R. I. cockerels. DR. W. C. HARKEY, LENEXA, KAN.

## Pearl Herd of Shorthorns

Choice young bulls—last spring calves—either Scotch or Scotch-Topped breeding. Well grown and in good growing condition. Can ship via C. R. I. & P., A. T. & S. F., U. P., and Mo. Pac. Address

**C. W. TAYLOR** ABILENE : : KANSAS

Bros. are deserving of the highest congratulations upon having secured so large a number of choice horses on their trip, especially in view of the scarcity of horses and high prices reported in Europe. Wolf Bros. state that they will make special low prices on their horses to prospective buyers until January 1, in order to dispose of enough horses to make room for another importation coming soon.

## Johnson's Shetland Ponies.

In this issue H. H. Johnson, Clay Center, Neb., is advertising 40 or 50 head of Shetland ponies for sale. They are all ages ranging from spring colts to mature stock. The herd runs strong to spotted black and white and the herd is the home of Nebraska State Fair winners. Now would certainly be a good time to buy while you would have a large number to pick from. Every pony is guaranteed as represented by Mr. Johnson or your money back cheerfully. The prices asked by Mr. Johnson for a pony are much lower than you might think. They are kind and gentle and the amount of feed it takes to keep them is very small. Write for pictures and prices and give Mr. Johnson an idea of what kind of a pony you might buy. Write today for pictures. Look up advertisement in this issue.

## Boars at Private Sale.

Poland China spring boars at private sale are being offered in this issue by J. H. Harter, Westmoreland, Kan. Mr. Harter is cutting out his annual public sale of Poland China boars this fall and offering 15 of the 32 that would have gone in the sale at private sale and at attractive prices. The breeding is big type and represents the popular Poland China families. Mr. Harter has had years of experience in breeding Poland Chinas and has sold to breeders and farmers all over the country. He is careful in feeding and knows how to grow out breeding stock and is considered one of the best posted men in the business. Write him for prices and descriptions if you need a boar pig. He has good ones and they will be priced very reasonably.

## Taylor's Shorthorn Bulls.

C. W. Taylor of Abilene, Kan., is the owner of one of the best herds of utility Shorthorns in Kansas. Mr. Taylor breeds Shorthorns with an idea of beef production always in mind. His breed cows are of the large, broad backed, thick skinned kind. At the same time they give plenty of milk to produce a big strong calf each year. The herd is practically a 100 per cent herd when it comes to a matter of producing calves. The cow herd includes both pure Scotch and Scotch top pedigrees. For a number of years Mr. Taylor has used pure Scotch bulls on this herd. His cattle are produced under ordinary farm conditions and with ordinary farm care and their produce is therefore ready to go on and make good in the hands of farmers and ranchmen. At present the offering consists of the bulls from the last spring calf crop. If you want a good bull calf, one that will go on and do you a lot of good and one that represents as good a line of breeding as can be found in the state, write C. W. Taylor.

## Combination Poland Boar Sale.

A. R. Reystead and John Kemmerer, both of Mankato, Kan., will hold a combination Poland China boar sale at that place Saturday, November 8. Both are proprietors of Poland China herds at that place and this offering of 30 boars is the actual tops of this season's boar crop of both herds. It will be one of the strongest offerings of Poland China boars that will be made in the state this season. It will be an offering of real head header material. There will be a nice number of fall boars in this sale that were intended for the fair this fall but were not shown because of crop conditions. Both herds are immune, having been immunized with state serum. Both are members of the Jewell county breeders' association and prominent Jewell county breeders of Poland Chinas. If you can't possibly attend you may send your bids to L. W. Kyle, Mankato, Kan., who is a Poland China breeder of that place and secretary of the Jewell county breeders' association. He will handle your bids carefully and will buy you a good boar at a reasonable price. Write for a catalog today. Address either party at Mankato, Kan.

## Schwab's Durocs and Red Polls.

Geo. W. Schwab, Clay Center, Neb., the "big growthy type" Duroc-Jersey breeder, of that section of Nebraska, is offering for sale some classy fall boars. They are by Buddy K 4th Wide Awake and W. L. A's Perfection, two of the popular boars of the breed in Nebraska and Kansas. These yearlings are big, smooth fellows and in the best of breeding condition. They are just right to go out and do well in any herd. They will be priced low for immediate sale. He also has some choice spring boars, some fall gilts bred to farrow in November and in fact has Durocs to sell all the time. He has been in the business for a good while and has customers in several states and takes pardonable pride in the big bunch of letters he collects every year from satisfied customers. He is also offering a few registered Red Poll bulls of serviceable ages and some young females for sale. Mr. Schwab's prices are always consistent with first class stock and his efforts to please can't be duplicated. Better write him for prices and descriptions.

## Livestock Auctioneer and Breeder.

At a number of the leading stock sales in northern Kansas and southern Nebraska last winter breeders and farmers had an opportunity to meet Jesse Howell who had recently "hung out his shingle" as a livestock auctioneer. They had an opportunity to learn something of his methods and his knowledge of the stock business.

He assisted in making Samuelson Brothers' Duroc-Jersey bred sow sale and this firm was more than pleased with his services and gave him a fine letter, recommending him to other breeders. He also assisted in making the H. H. Shaw bred sow sale at Hebron, Neb., and Mr. Shaw has written him the strongest kind of an endorsement. He was in attendance at many other sales where he made



## REDUCE YOUR FEED BILL

And improve your stock by feeding Cold Pressed Cotton Seed Cake which has proven more superior and economical than cooked meal and hulls by comparative tests made at agricultural colleges of different states. The result of these tests will be furnished you on application.

**COLD PRESSED COTTON SEED CAKE** gives sure and quick gains to fattening cattle, insures more milk from dairy cows, more work from horses, mules and oxen, better sheep, better wool. No waste in feeding, clean and easy to handle. Write us for price delivered your shipping point. Bank reference, American National Bank. **AMERICAN ICE AND OIL CO., Oklahoma City, Oklahoma.**

## POLLED DURHAMS.

## Polled Durham Bulls

Six well bred young bulls and a limited number of cows and heifers for sale. **C. M. HOWARD, HAMMOND, KANSAS.**

## Polled Durhams

Headed by the undefeated Roan Hero, shown since a calf at International, American Royal and State Fairs, assisted by the superb show bull Acacia Prince. For sale at most all times young bulls to head herds and foundation stock. Look for my exhibit at the State Fairs. **D. C. VAN NICE, RICHLAND, KANSAS.**

## GALLOWAYS.

## GALLOWAY CATTLE and OXFORD DOWN SHEEP

Imported and home-bred, absolutely equal to the best. **C. S. HECHTNER, Box 66, Chariton, Iowa**

## HEREFORDS.

## KLAUS BROS.' HEREFORDS

Two choice yearling bulls, hard headers for sale, sired by Fulfiller 3rd, Fulfiller 25th and Beau Onward. Our calf crop is the best we ever had. **KLAUS BROTHERS, BENDENA, KANSAS.**

## GUERNSEYS.

## A GUERNSEY HERD BULL FOR SALE.

I am offering Trixie Lester, my registered herd bull for sale. No fancy price. **JOHN FERRENOUD, HUMBOLDT, KAN.**

## ABERDEEN-ANGUS.

## Angus Cattle

Bulls all sold but a fine lot coming on for fall trade. Write your wants, **W. G. Denton, Denton, Kan.**

## SUTTON FARMS ANGUS CATTLE

Our strong, healthy, unpanpered bulls each year sire winners in car lot feeder class at American Royal Shows. You should have the best as the bull is one-half the herd. Buy a bull calf now while you can get the cream. We are also offering heifers. **SUTTON FARMS, LAWRENCE, KANSAS**

## DAIRY CATTLE.

## HOLSTEIN Cattle

During the next 60 days I will sell: 125 High-grade, well-marked Holstein heifers, age one year to 1½, just being bred to a high class registered bull. 250 High-grade, well-marked Holstein heifers, ranging from 2 to 4 years old, all bred to extra good registered bulls, to freshen from Aug. 1 to Dec. 1, 1913. 100 Matured cows, springing bag ready to freshen. Most of them in calf from registered bull. 40 Select, well-marked registered bulls, extra nice individuals, ages from 6 months up. A few good registered cows in calf by an A. R. O. bull. Write me for particulars. **JAMES DORSEY, Dept. M. B., Gilberts, Kane Co., Illinois**

## OVERLAND GUERNSEY FARM

## THE FINEST HERD OF IMPORTED GUERNSEYS IN THE COUNTRY



PEGGY OF OVERLAND (Trade Mark)

**MAY ROYAL**, by Hays Royal, a line bred Golden Secret, and "the best Guernsey sire in America," chief stock bull. Cows and heifers of best imported strains. All cows tested for advanced registry.

In order better to introduce the Guernseys in the West, we will make attractive prices on young bulls and cows and heifers, bred and open. Special inducements to new breeders in hard foundation material.

If you wish to improve the quality and production of your milk, cream and butter, use a Guernsey sire. Unsurpassed in constitutional vigor, adaptability, and richness of product. Correspondence invited—your personal inspection preferred. Call on or address, **Overland Guernsey Farm, Overland Park, Kan. C. F. Holmes, Owner. W. C. England, Mgr.** Eight miles S. W. of Kansas City on Strang Line. Station on Farm.

## Lookabaugh's Shorthorns

## Sold on Time at Private Treaty

Six or nine months if desired. What we want is your trial order. Young Heifers and Bulls at \$50, \$75, \$100 and up. Two Heifers and a Bull, not related, \$200 for the three—Others higher.



## Over 200 Head From Which to Select

A great variety of prize winners and prize winning blood. If you want breeding stock don't miss this opportunity. As many good Shorthorns cannot be seen on any other farm in the whole Southwest.

**COWS WITH CALF AT FOOT AND RE-BRED. RICHLY BRED YOUNG THINGS, SHOW PROSPECTS. HANDSOME YOUNG BULLS, HERD HEADER MATERIAL. RUGGED YOUNG BULLS, THE FARMER AND STOCKMAN KIND.**

In fact a splendid array of foundation Shorthorns, that carry the blood of the best families and the most noted sires of the breed. Don't wait, but come and get your first pick. Visitors always welcome at Pleasant Valley Stock Farm. Write your wants today. Address.

**H. C. LOOKABAUGH, Watonga, Blaine Co., Okla.**



## DAIRY CATTLE.

**HOLSTEINS** Large type, State inspected and tuberculin tested. Fine registered bulls, cows and heifers; also 100 grade cows and heifers. **M. F. Knudsen, Concordia, Kan.**

**Holstein Bred Cows and Heifers**

**"EIGHTY HEAD"**  
Choice individuals personally selected, Wisconsin bred tuberculin tested, pure bred, unrecorded and high grade females, recorded bulls. Grade bull and heifer calves., **ARNOLD & BRADY, Manhattan, Kans.**

**HOLSTEINS** —CHOICE BULL CALVES

**H. E. COWLES, TOPEKA, KANSAS.**

**OAK HILL HOLSTEINS**

Bulls ready for spring service by Shadybrook Gerben Sir Korndyke out of A. R. O. dams. Heifers bred. Also a few fresh cows. All tuberculin tested.  
**BEN SCHNEIDER, NORTONVILLE, KAN.**

**BANKS' FARM JERSEYS**

Quality with milk and butter records. One of the best sons of CHAMPION FLYING FOX, imported, at head of herd. Stock for sale.  
**W. N. BANKS, Independence, Kan.**

**Guernsey Cows and Heifers**

A few choice cows that will weigh 1,200 pounds and that will freshen in 40 days. Prices reasonable. **JACK HAMMEL, 215 Adams St., Topeka, Kan.**

**HOLSTEIN CATTLE**

High grade Dairy cows and heifers sold in lots to suit purchaser. Special prices on car lots. The best of milking strains and at prices you can afford. Write today. **W. G. MERRITT & SON, Great Bend, Kan.**

**LINSCOTT JERSEYS**

Only register of merit herd in Kansas. For sale: Grandson of Noble of Oakdale ready for service. Also sons and daughters of the great Gambo's Knight. Prices reasonable.  
**R. J. LINSCOTT, HOLTON, KANSAS**

**Bonnie Brae Holsteins**

For sale, about 80 head of high grade young cows, 2-year-olds and bred yearlings. These cattle are strictly first class, with many heavy springers. Come and see them. **IRA ROMIG, Sta. B, TOPEKA, KANSAS.**

**H. F. ERDLEY & SON**

**Holton, Kansas**

**City Park Stock Farm**

The Sunflower Herd Jersey Cattle Imported and American Bred. Herd headed by *Castor's Splendid*, imported. Also general auctioneer of Farm and Livestock. Special attention given thoroughbred stock. I kindly solicit your sales and wants. Farm one-half mile east of Holton, Kansas. **PHONE 11 ON 38.**

**SOMMER--BLATS GUERNSEYS!**

Prince Fern of Old Orchard 22181, by the champion, Prince Rosendale Jr. (9214), out of the champion, Agness Fern, chief stock bull. Females in Advanced Registry. Foundation from best New York, Wisconsin and Iowa herds. For sale: Bonnaville 16542, a tried sire, by Imp. Itchen Masher, also young stock in both bulls and heifers. Improve the quality and production of your milk by using a Guernsey sire. Call or write me your wants.  
**ERNEST KENYON, Nortonville, Kansas.**

**SHROPSHIRE SHEEP.****ELK GROVE****Shropshires!**

Imported Delta, sire of show flock winning 100 prizes, 1912, assisted by Wordwell's Kedge, by Tysul Champion at head of flock. For sale—50 rams, including 30 yearlings and Wordwell's Kedge, and 20 lambs. Send for catalog.  
**FRANK RAINIER, LOGAN, IOWA**

**PUREBRED HORSES.****Dollars that Grew and Grew**

Good judgment makes men rich, buys studs from a farmer, pays no town-barn expenses, no salesmen commission. My big bunch reg. Percheron studs, yearlings to 4 yrs. have bone and weight with any of them, cost you half as much but make you twice the money. Good judgment buys early. Fast trains. **Fred Chandler, Route 7, Clariton, Iowa.**

**Truman's Pioneer Stud Farm****America's Largest Importers****Shire, Percheron and Belgian Horses**

Write for Illustrated Catalogue.

**TRUMAN'S, Box E, BUSHNELL, ILLINOIS**

**WOLF BROTHERS are home again with a BIG IMPORTATION of the best****Percheron and Belgian****Stallions and Mares**

that could be found in Europe. Write for free photographs from life

**WOLF BROS., Albion, Neb.**

friends with everybody. He knows the livestock business from all sides and from actual experience. He and his brother own a herd of registered Duroc-Jerseys and will hold a bred sow sale February 3 at the farm near Herkimer, on the Grand Island and Oketo, on the Blue Valley branch of the Union Pacific. They also breed registered Hereford cattle. If you are going to make a public sale you better get in touch with Jesse Howell, Herkimer, Kan.

**Write for Hemmy's Catalog.**

The catalogs for Joe Hemmy's Poland China sale at Hill City, Kan., are out. In his announcement Mr. Hemmy tells how he



has grown the offering of Poland China boars and gilts which will be sold at his farm Tuesday, October 28. Mr. Hemmy has an ideal farm for the hog business with an abundance of alfalfa and running water. He was until two years ago in the business in eastern Kansas. His herd is of the best of breeding and individual merit. Many of his herd sows are tops from the Thos. F. Walker sales of two and three years ago and from prominent Iowa herds. The boars and gilts he is selling on the above date will be found in the best possible condition to go out and do the buyer good. They have been grown and conditioned for this sale with very little corn and will not be fat but in a thrifty condition. Look up his advertisement in this issue and write today for a catalog. Come out and meet the hog men of Graham county and especially Mr. Joe Hemmy who invites you to be his guest on this occasion. Free hotel accommodation at Hill City. If you can't come send your bids to J. W. Johnson of Farmers Mail and Breeze in care of Mr. Hemmy. Get the catalog.

**N. E. Kansas and N. Missouri**

BY C. H. WALKER.

Ernest Kenyon of Nortonville, Kan., can supply your wants in Guernsey bulls or females. The Sommer-Blats herd is one of the best in the West. Write Mr. Kenyon for prices and particulars on one or a carload.

Henry Murr, of Tonganoxie, Kan., has just the boar or gilt you want in O. I. C.'s. Mr. Murr has been breeding the popular white hog for so long that he knows just what it takes to suit. Get his prices and a description of his stock.

Ben Schneider of Nortonville, Kan., has a great herd of Holsteins and he is offering at this time choice specimens in both bulls and females. He will be glad to hear from anyone interested. His cattle and the prices he asks are right.

The Overland Guernsey Farm at Overland Park, Kan., is headquarters for the best in Guernseys. Write Mr. Holmes at Kansas City or W. C. England, at Overland Park for particulars of the stock they have for sale. Note their advertisement in this issue.

Sons of Sure A Wonder, Colossal and Chief's Pride are being offered by C. L. Miller of Atchison, Kan. These are out of sows by Long King and Big Orange. Mr. Miller is pricing his Poland Chinas decidedly cheap considering the quality and breeding. Write him for further information and prices.

Merton Williams of Valley Falls is making attractive prices on a selected lot of spring boars. Mammoth Ideal, the chief boar in service in the Williams herd is one of the top Poland China sires of the day. It is his get and the get of a son of Expansive that are being offered for sale. Get Mr. Williams' prices.

Klaus Bros., of Bendena, Kan., maintain one of the state's leading Hereford herds. They are just home from a successful show season and have on hand a number of top-py bulls they are pricing right. It will pay anyone in the market for a herd bull to see the Klaus cattle. They invite inspection of their herd.

**Webb Offers Fall Boars.**

W. R. Webb of Bendena, Kan., has decided not to hold a public sale of his Poland Chinas this fall and is offering the tops of his boars at private treaty. Mr. Webb had carried over a number of boars from last fall and has grown them out especially for a sale. They are an exceptionally fine lot and should please buyers in the market for something extra good. Those in search of herd boar material will appreciate the advantage offered in being able to buy a matured boar to head their herd. There is hardly any question but that a fall yearling will sire larger litters of big, strong pigs than will a spring boar. These boars are sired by Mr. Webb's great Ex. B, the son of Expansive that has made such a record as a sire in this herd. They are out of his best big type sows. If you want a boar that has the scale, bone, smoothness and quality you cannot go wrong on these boars. They are big, lusty fellows ready for service and are priced to sell. Write Mr. Webb per his card announcement elsewhere in this and subsequent issues for prices and particulars. Kindly mention this paper when writing.

**Hildwein's Annual Sale.**

Walter Hildwein of Fairview, Kan., will hold his annual fall sale at his farm near Powhattan and Fairview on Wednesday, October 29. The offering is made up of one fall boar, eight fall gilts, 14 spring boars and 17 spring gilts—40 head in all. The sires of the offering are Gold Standard, a son of Chief Goldust, Tec. Jr., a grandson of this famous old sire and Wonder Ex., a fine breeding son of Graner's Sampson, Chief. They are out of Mr. Hildwein's best sows, sired by such well known boars as Gold Metal, Bell Metal, King Mastodon 2nd, etc. It is a typical Hildwein offering which means that those who attend will buy good Poland Chinas worth the money. We cannot remember a sale held by Mr. Hildwein that the buyers did not get more than value received and this offering will be no exception. The blood lines are right. Mr. Hildwein has always had his offering in good

**The West's Largest Importing and Breeding Establishment. Importers and Breeders of****Percherons, Belgians and Shire Stallions and Mares****100 Head from Which to Select**

Our Stallions and mares are strong and massive, with great quality, style and conformation, with splendid color and dispositions. They are selected with an eye single to the wants of the most critical American buyers, and we can sell them for less money than any one in the business, quality considered. The stallions will go into any community and command the best mares, command the men who are the best pay and who take the best care of their stock. Let us know your wants. We can suit you in both price and quality.

**L. R. WILEY, Emporia, Kan.****Johnson's Shetland Pony Farm**

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

**H. H. JOHNSON, CLAY CENTER, NEBRASKA.**

**LAWNSDALE STOCK FARM COACHERS!**

We have a few of our great Oldenburg German Coach stallions and mares left and are pricing them for quick sale. Anyone wanting this kind of stock would make no mistake by investigating our herd at once. Write or call on us.  
**JOS. WEAR & SON, BARNARD, KANSAS.**

**60-Bergner & Sons' Coach Horses-60**

German Coach Stallions at prices you will be able to pay for at one season's stand. Also mares and fillies; all good bone with plenty size, style and action and the best general purpose horse that has ever been imported. The St. Louis Fair Champion Milon 3159 and the Kansas State Fair prize winner Mephistoles 4221 at head of herd. We are pricing these horses to sell and guarantee satisfaction. Write today or call soon.  
**J. C. BERGNER & SONS, Waldock Ranch, PRATT, KANSAS.**

**Hampshire Sheep**

Hampshire Hogs. Three weanling boars, choice belting and type.

12 ram lambs, \$12 each, 20 ewe lambs, \$10 each, 24 year-old ewes, \$10 each, 13 three-year-old ewes, \$10 each.  
**E. S. Taliaferro, Russell, Ks.**

**MULE FOOT HOGS.**

**Mule-Footed Hogs** The coming hog of America; hardy; resist disease; the best rustlers known; pigs ten to sixteen weeks old, \$30 pair. Circular free.  
**DR. W. J. CONNER, LABETTE KANSAS.**

**MULE FOOT HOGS**

More premiums won in 1912 than any herd in U. S. Spring boars and gilts and pigs in pairs not related.  
**Zene G. Hadley, R.F.D. 5, Wilmington, O.**

**REGISTERED MULE FOOT HOGS**

From \$15 up. If you want a pure blood Mule foot hog within the next ten years, address **A. W. CLARKE, Alva, Oklahoma.**

**HAMPSHIRE.**

Hampshire gilts, boars and pigs for sale. Write today.  
**Dr. E. G. L. Harbour, Baldwin, Kan.**

**Registered Hampshires**

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



For prices on **PEDIGREED HAMPSHIRE** Write J.F. Price, Meador, Kan.

**Pure Bred Hampshires**

Some extra choice, well-bred spring boar pigs for sale. **ALVIN LONG, Lyons, Kansas.**

**SUNNY SLOPE FARM**

Regards Mail and Breeze space as a good advertisement, but a satisfied customer as a much better one. We offer high bred, well belted Hampshire hogs on a money-back plan. That's the only way we sell. Let's get acquainted.  
**FRANK H. PARKS, OLATHE, KANSAS.**

**O. I. C. HOGS.**

**O. I. C. PIGS, \$15 a pair. Young herd (4), \$30. HARRY W. HAYNES, Meriden, Kansas.**

**BIG TYPE UNPAMPERED BERKSHIRES**

150 sows bred to Fair Rival 10th, King's 4th Masterpiece, Truetype, King's Truetype, and the great show boar King's 10th Masterpiece. All long, large and heavy boned. Sows farrow from August 1st to December 1st. Open gilts and boars ready for service. Not a poor back or foot. Every man his money's worth.  
**E. D. KING, Burlington, Kansas**

**Royal Scion Farm Durocs**

The great Graduate Col., assisted by Col. Scion, heads this herd. Fall and spring boars, fall and spring gilts bred or open and fall pigs, either sex.  
**G. C. NORMAN, R. 10, WINFIELD, KANSAS.**

**O. I. C. HOGS.****50 O. I. C. Pigs**

Henry Kampling, Elmora, Kansas. Booking orders for fall pigs at dry weather prices. **F. C. GOOKIN, RUSSELL, KAN.**

**Gookin's O. I. C. Hogs**

Truited sows; gilts bred or open. Boars ready for service. Also July pigs priced to sell. **H. R. Russell, Sedgewick, Ks.**

**Russell's O. I. C.'s**

March and April Boars ready, also some fancy early June boars by U. S. 1782. I can and will please you.  
**HENRY MURR, Tonganoxie, Kansas.**

**Edgewood O. I. C.'s**

100 Spring Pigs, early farrow (both sexes) and choice yearling boars. Ask for prices now. Well grown and extra good. Immune. **Chas. H. Murray, Friend, Neb.**

**50 O. I. C. Pigs for Sale**

Sired by my leading herd boars. Write for prices and descriptions.  
**Andrew Kosar, Delphos, Kan.**

**BOARS! BOARS! BOARS!**

A great line of spring O.I.C. boars, large and growthy and priced at rock bottom prices to move them quickly. Booking orders on fall boars and gilts for December delivery.  
**JOHN H. NEEF, BOONVILLE, MISSOURI**

**BERKSHIRES.****Hazlewood's Berkshires!**

Choice spring boars and gilts priced to sell. Write today. **W. O. Hazlewood, R. 8, Wichita, Kansas**

**Berkshire Pigs**

Choice pigs, either sex, 10 to 16 weeks old, sired by ROBINHOOD PREMIER 2d, or Adam, a son of Rival's Lord Premier. Nothing but the very choicest specimens shipped. Price: registered, crated F. O. B. here—one \$20; two \$35; three \$50. **W. J. CRIST, Ozawie, Kas.**



## DUROC-JERSEYS.

**Dreamland Col.—Riverbend Col.**  
March boars by these sires. Prices right. Write for descriptions and prices. Leon Carter, Asherville, Kans.

**MODEL AGAIN** Duroc boars, \$12.00  
Baby gilts, \$25.00  
Bred gilts, \$50.00. R. W. Baldwin, Conway, Kan.

**Smith's Durocs** Fashionably bred boars,  
including grandsons of  
the great Graduate Col.,  
and a herd-leading son of the champion, Tatarax. Also  
spring boars. J. R. SMITH, NEWTON, KANSAS

**TAYLOR'S SPRINGDALE DUROCS**  
Spring pigs for sale from ancestors that were leading  
State Fair winners in 1911 and 1912. Fall gilts  
same breeding and quality. Chas. L. Taylor, Olean, Mo.

**Big Stretchy Durocs** A choice  
lot, either  
sex, for sale, also S. O. White Leghorns, extra fine  
stock. HARRY GIVINS, Madison, Kansas

**DUROC-JERSEYS** 25 sows and  
gilts, bred or  
open. Summer and fall pigs. Best of breeding.  
Herd boar. R. C. WATSON, Altoona, Kan.

**Prize Winning Sires**  
250 early spring pigs, Duroc-Jerseys, for  
sale. I ship on approval. No money  
down before inspection. No public sales.  
F. C. CROCKER, Filley, Neb.

**CLEARVIEW STOCK FARM DUROCS**  
Three fall boars and a number of spring  
boars, sired by Model Col. H. and Mc's Tat,  
spring gilts, same breeding, will sell open  
or hold and breed in November. Prices right.  
A. J. HANNA, ELMDALE, KANSAS.

**PERFECTION STOCK FARM**  
Duroc-Jersey boars, Nov. and Dec. farrow, sired by sons of  
B & C's Col.; Buddy K IV and Grand Master Col. First  
Choice \$25; Second choice, \$20 for next 30 days. Weight 150  
to 175 lbs. CLAREN BROS., Union City, Oklahoma

**Red, White and Blue Duroc Farm**  
Priced from Taylor's prize winners, 20 serviceable  
boars; also 20 open gilts from 1912 State Fair prize  
winners. Price other herds then get lower prices of  
this herd. JAMES L. TAYLOR, Olean, Mo.

**McCarthy's Durocs**  
A few October boars by J.R.'s Col. by Graduate Col.  
Also a son of the champion, Tatarax, that should  
head some good herd. Dan'l McCarthy, Newton, Kan.

**HILLSIDE DUROCS**  
Some very choice March boars and gilts, and a few  
summer pigs by Dandy Model (by Dandy Lad, and  
out of Lincoln Model) and a few summer pigs by him out of  
high class sows. W. A. Wood & Son, Elmdale, Kan.

**GOOD E. NUFF AGAIN KING 35203**  
won Grand Champion prize at the Kan-  
sas State Fair, 1913. One of the greatest  
Durocs living. Special prices on herd boars  
for thirty days.  
W. W. OTEY & SONS, WINFIELD, KANSAS  
"The Men With the Guarantee."

**Jones' Durocs**  
All bred from the best blood lines and of  
the large type. Anything from a herd boar  
down to a pig. Stock all immuned from  
cholera. Description guaranteed. Write me  
your wants. W. G. JONES, MACOMB, ILL.

**Bonnie View Durocs**  
Three prize winning fall boars, weighing 500 pounds  
each, for sale. They are sired by Grand Champion  
Tat A Walla. Also spring boars and gilts of the  
same breeding. Searle & Cottle, Berryton, Kansas.

**Duroc-Jersey Spring Pigs**  
Dark cherry, sired by Bull Moose Col. 13355, he by  
King the Col. 58533 and out of large prolific sows  
of popular breeding, priced reasonable, and f. o. b.  
your station. Arthur A. Patterson, Ellsworth, Kan.

**Quivera Place Durocs**  
Spring Pigs now ready and going.  
Write for prices.  
E. G. MUNSELL, Herington, Kansas.

**BANCROFT'S DUROCS**  
We hold no public sales. Nothing but the best  
offered as breeding stock. March and April boars  
and gilts weighing 175 lbs. and up, \$25.00. Gilts bred  
to order for spring litters, \$35.00 each. Sept. pigs  
about Nov. 1st, \$12.50 each. Customers in 10 states  
satisfied. Describe what you want. We have it.  
D. O. BANCROFT, OSBORNE, KANSAS.

**DUROC SOWS, GILTS AND BOARS**  
A few choice sows of Buddy K. 4th  
breeding, bred to our fancy young herd  
boar, Royal Crimson Wonder, for October  
litters, priced at \$35, to move them quickly.  
Fine spring boars, herd headers and  
stock boars, weighing 100 to 150 pounds,  
at \$18 to \$21. Also fine herd boar by the  
famous B. & C's Col. Choice gilts. All  
stock guaranteed.  
JUDAH BROS., HIATTVILLE, KANSAS

## POLAND CHINAS.

**50 Poland China**  
March and April boars and gilts for sale.  
No public sales. Write for descriptions and  
prices. G. A. WIEBE, BEATRICE, NEB.

**Special 30-DAYS OFFER**  
on 10 extra good spring boars. Fall pigs, \$10 each.  
Certificate with every pig. Satisfaction guaranteed.  
Howard R. Ames, Maple Hill, Kan.

**LARGE WITH PLENTY of QUALITY**  
Handsome young boars, gilts bred or open.  
Best of large type blood lines. Some boars  
herd headers. Satisfaction guaranteed on all  
breeding stock. Olivier & Sons, Danville, Kan.

shape—two reasons why this sale will be a  
good place to buy. Another reason and a  
most convincing one is that Walter Hild-  
wein is a prince of a fellow and in this day  
and age the man behind the gun counts for  
a whole lot. Mr. Hildwein extends a cordial  
invitation to all who are interested in good  
Poland Chinas to be his guests sale day and  
partake of the bargains. His catalog is  
ready and will be sent upon application by  
mentioning the Farmers Mail and Breeze.  
Write for it today.

## Two Important Kansas Sales.

Two important sales of big type Poland  
Chinas will be held in northeast Kansas next  
week. They come off on Tuesday and Wed-  
nesday, October 21 and 22. H. B. Walter,  
of Effingham will sell on the first day and  
Henry Graner & Son will sell on Wednesday,  
the 22nd. It is hardly necessary to go into  
detail about the offerings from these two  
well known herds. In no respect are these  
offerings under the quality standard of former  
offerings and in some respects they are  
better than other sales held at these places.  
The difference is all in favor of the buyer.  
Both breeders are holding their sales at a  
minimum of expense. They are selling the  
same high class lot of breeding stock that  
has made these breeders famous and doing  
it minus big advertising. In view of this  
fact it certainly looks like those who attend  
will have a chance to buy of this good  
stock minus the usual competition. Both of-  
ferings are replete with choice specimens in  
both boars and sows. Both have long been  
recognized as headquarters for furnishing  
breeding material for Kansas herds. Long  
King's Best, Sampson Chief, Moore's Halvor,  
Columbus and other famous sires are re-  
presented in the breeding. Both breeders  
know how to present a sale offering. The  
sales can be attended with one expense and  
arrangements will be made to convey the  
visitors from one sale to the other. The  
catalogs are ready to mail and will gladly  
be sent to anyone upon request. Get one  
today and arrange to attend these sales.

## Publisher's News Notes

The Queen City College of Dressmaking,  
Kansas City, Mo., have a proposition in this  
issue which should certainly appeal to every  
woman who reads it. It is possible by  
doing your own sewing to reduce the cost  
of dressing more than one-half and by the  
method taught by this institution you can  
learn in a short time to make anything  
from the simplest dress to a tailored suit.

The Nebraska Poultry Co., W. F. Hol-  
comb, manager, Clay Center, Neb., are offer-  
ing special inducements to early buyers of  
Leghorns and they have an unusually fine  
lot to offer of all the different varieties.  
They have show stock for sale at liberal re-  
ductions from prices of stock later on in  
the season. There is more danger in ship-  
ping later because of risk in freezing combs.  
This is the reason for Manager Holcomb's  
special inducements to Leghorn buyers if  
they buy early. The Nebraska Poultry  
Company is one of the largest and best  
managed concerns of its kind in the world.  
Thirty-two varieties of poultry are raised  
on separate farms. The offices and other  
modern equipment are in Clay Center and  
all of the farms on which the different  
varieties are grown are in the vicinity of  
Clay Center and under the direct supervision  
of Manager Holcomb. Write Mr. Holcomb  
your wants and receive by return mail val-  
uable information about poultry raising and  
plans for a poultry house that we will tell  
you more about in a later issue. It is a  
model and you are welcome to full particu-  
lars as to cost, etc., by addressing the com-  
pany at Clay Center, Neb. Mention Farmers  
Mail and Breeze when you write. Look up  
their special Leghorn offer in this issue.

## Take the Lesson Home.

At this time when farmers are turning  
their attention to the problem of the mid-  
dleman and the best thought of the country  
is bent upon the working out of some method  
by which the products of the field can be  
put into the hands of city people at less  
cost without depriving the farmer of his  
honestly made earnings, it is well for the  
farmer to have constantly in mind his own  
buying. In Kalamazoo, Mich., there is the  
big Kalamazoo Stove Company. It has been  
built up from a modest little factory to be  
one of the giants of the stove industry. It  
has always done business direct to the  
consumer and it has and has always had  
a reputation for straight honest dealing.  
The Kalamazoo Stove Company advertise in  
this paper. They offer to send free a  
big book describing and giving prices on  
over 400 different styles of stoves. Also  
book on furnaces if you desire it. Have  
you written for this book? Have you used  
it to check up your own stove purchase?  
If not why not do it now? It may bring  
home to you one of the lessons in intelli-  
gent buying that we all need so much to  
learn. It will cost you only a one cent  
stamp to get the book. Mention this paper  
and get this fine book into your home. Ask  
for catalog No. 341.

Be careful and do not have low, sag-  
ging fences. They are worse than no  
fence at all, for the cows will get to  
jumping them and cutting their teats,  
which often results in the spoiling of  
the cow for milking.

Farmers Mail and Breeze  
Pays Advertisers.

Capper Publications, Topeka, Kan.  
Gentlemen—For several years I have  
advertised in the Capper Papers and found  
them entirely satisfactory.

Yours very truly,  
J. C. MITCHELL,  
Real Estate Dealer,  
Fayetteville, Ark., Sept. 12, 1913.

Farmers Mail and Breeze, Topeka, Kan.  
Gentlemen—Please change my ad for I  
am sold clear out of boars and have only  
a few gilts left. Business has been just  
fine and Farmers Mail and Breeze has  
done it all. Yours very truly,

ANDREW KOSAR,  
Breeder of O. I. C. Swine,  
Glasco, Kan., August 20, 1913.

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

## POLAND CHINAS.

**40 MARCH BOARS** by Naiman's Ex-  
pansion Over. Prices right. Satisfaction guaranteed.  
JOHN L. NAIMAN, ALEXANDRIA, NEB.

## POLAND CHINAS.

**POLANDS: Size, Quality**  
Pigs all ages for sale sired by Waechter's Referee  
and King Hadley. Lambert Bros, Smith Center, Kan.

## BARGAINS IN BIG TYPE BOARS

Have topped my herd—only a few to sell, but all good—sired by Sure A Wonder, by  
A Wonder, Colossal and Chief's Pride, out of sows by Long King and Big Orange. Also  
two-year-old son of A Wonder. Specially low prices for quick sale.  
C. R. MILLER, ROUTE 3, ATCHISON, KANSAS.

## PLEASANT HILL STOCK FARM POLANDS

Long King's Best, Sampson Ex and Moore's Halvor, a trio of unusually fine big-type boars in service.  
Booking orders now for spring boars and gilts—over 100 head to select from. These are bred right,  
fed right and priced right. HENRY GRANER & SON, LANCASTER, KANSAS.

## Dean's Mastodon Poland Chinas

Serviceable boars and bred sows  
sows 65 inches long, bone 8 1/2 in., and 34 inches high. VACCINATED AND IMMUNE.  
Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Every-  
thing guaranteed and sold worth the money. Phone Dearborn; station, New Market, and  
postoffice, Weston, Mo. Address CLARENCE DEAN, WESTON, MISSOURI.

## Big Orange and Colossal Big Boned Poland Chinas

Special offering at private sale, fall boars combining immense size with show yard quality and fin-  
ish, farrowed Sept. 1912, weight 400 to 500 lbs., herd headers and show boars; also last spring boars of  
exceptional size and quality; sires, Big Orange and Colossal. L. R. McCLARNON, Bradyville, Iowa.

## Robinson's Mammoth Poland Chinas!

My herd boars weigh from 800 to 1,025 lbs. Now have for sale the greatest lot of  
spring pigs I've ever raised. Sired by and out of my prize winning boars and sows. Get  
my prices, description and guaranty. My terms are: If you are not satisfied return the  
hog and I return your money. F. P. ROBINSON, Maryville, Mo.

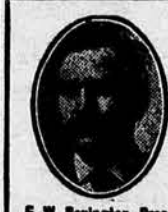
## Pleasant Valley Stock Farm!

## Big Boned Poland Chinas

H. C. LOOKABAUGH, Prop.

We are now offering a few choice fall boars at choice prices. They are  
the kind that make good. Satisfaction guaranteed. Address

L. W. CUTRIGHT, Mgr., Watonga, Okla.



F. W. Bevington, Pres.

JEWELL COUNTY  
BREEDERS' ASSOCIATION

Members of this association, advertising  
below will offer nothing but first class  
animals for sale for breeding purposes.

Jewell City Calf Show, October 16



I. W. Kyle, Secy.

## POLAND CHINAS.

**7 GREAT BOARS**, five of Oct. farrow and  
two of Dec. Real herd  
boars at fair prices. Boar and gilt sale Nov. 15.  
JOHN KEMMERER, Mankato, Kan.

**Herd Boar Offer.** Big Look 64956 and Rey-  
stead's Jumbo 64857. Both  
boars best of breeders. Two years old. Boar sale Nov. 8.  
A. R. REYSTED, Mankato, Kansas.

**Polands, Shropshire Sheep** 100 Spr.  
pigs, both  
sexes, strictly big type. Ram lambs. Write for  
prices. Ira M. Swihart & Son, Webber, Kan.

**50 BIG BOARS** Spring farrow. Big and  
smooth. Priced to sell.  
Also choice gilts. Bred Sow Sale March 10.  
JOSHUA MORGAN, HARDY, NEB.

**Six Fall Boars** that are good for  
sale reasonable.  
Big growthy  
kind. IRA C. KYLE & SON, MANKATO, KAN.

**FALL AND SPRING BOARS** for sale. Also spring  
gilts and summer year-  
lings. Barred Rocks, R. I. Reds and W. Wyand-  
ottes. W. A. MCINTOSH, Courtland, Kan.

**PRIVATE SALE** Spring boars and  
gilts. Also fall  
gilts. Best of big type breeding. Ask for prices  
and descriptions. TUBOR J. CHARLES, Republic, Kan.

**50 PIGS** White Turkeys, White Rocks, Em-  
den, China Geese, Pekin, White In-  
dian Runner, Muscovy Ducks, White Guinea,  
Fan Tail Pigeons. A. T. GARMAN, COURTLAND, KANSAS.

## DUROC-JERSEYS.

**35 Spring Pigs**, both sexes. Also 15 choice  
November yearling gilts bred  
or open. No public sales. Also good herd boar  
proposition. E. M. MYERS, Burr Oak, Kan.

**DRY WEATHER PRICES** for choice spring  
boars and fall  
boars and gilts. Write for prices and descriptions.  
E. F. WELLS, FORMOSO, KANSAS

**25 SPRING BOARS** of fashionable breed-  
ing. Priced to sell.  
Bred sow sale January 29. Ask for prices and  
descriptions. N. B. PRICE, Mankato, Kan.

**FALL AND SPRING** boars and gilts sired  
by Model Chief by  
Chief's Perfection. Fall gilts bred or open.  
DANA D. SHUCK, BURR OAK, KAN.

**KANSAS SPECIAL** boars, sired by him and  
out of mature sows. Write.  
Also Holstein cattle and White Holland turkeys.  
Bred Sow Sale Jan. 28. W. E. MONSMITH, Formoso, Kan.

**32 MARCH BOARS** at private sale, by Defi-  
ant 2nd and B. & C's Col.  
Chief. Extra good and priced right. Bred Sow  
Sale Feb. 9. E. A. TRUMP, Formoso, Kan.

**SPRING BOARS** for sale reason-  
able. Write for  
descriptions and prices. Up to date breeding. Also a few  
gilts. R. C. MADSEN, JEWELL CITY, KAN.

**10 Good Spring Boars** priced right  
to move  
them quick.  
JOHN McMULLEN, Formoso, Kansas

**40 SPRING PIGS** of March and  
April farrow.  
Priced to sell. No public sale this season.  
C. C. THOMAS, WEBBER, KANSAS

## HAMPSHIRE HOGS.

**65 HAMPSHIRE PIGS** of Spg. farrow  
Priced to sell.  
Also unusually good herd boar proposition.  
ROY HAGGART, MANKATO, KANSAS.

## O. I. C. HOGS.

**O. I. C. SPG. PIGS** Priced to sell. Write  
for descriptions and  
prices. White Hol-  
land Turkeys. Dr. W. W. Spencer, Mankato, Kan.

## SHORTHORNS.

**Oscar Green's Shorthorns** Popular  
breeding.  
Stock for sale. A good herd bull proposition.  
OSCAR GREEN, MANKATO, KANSAS

**Yearling Bull** for sale. Dark Red. Eligible  
to registry. Price right. Duroc-  
Jersey boars and gilts. 100 White Wyandotte Cockerels.  
I. N. CHILCOTT, MANKATO, KANSAS

## GUERNSEY CATTLE.

**W. E. EVANS, Jewell, Kan.**  
Breeder of Guernsey cattle. Nothing for  
sale now, but watch this space.

## JERSEY CATTLE.

**100 JERSEY COWS AND HEIFERS**  
Health test with each animal. Write for prices  
and descriptions. J. W. BERRY, JEWELL CITY, KANSAS.

## D. S. POLLED DURHAMS.

**YEARLING BULL**, nice red and splendid  
calves ready for service next spring. E. T.  
VANDEVENTER & SON, Mankato, Kan.

## PERCHERONS.

**PERCHERON** Stock for sale.  
Always good horses  
in service.  
Breeding Farm. H. G. MYERS, HARDY, NEB.

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**Livestock Auctioneers**  
John Brennen & Son  
ESBON, KANSAS  
WRITE OR PHONE FOR DATES

**M. S. HOYT, MANKATO, KAN.** Write or phone  
Livestock Auctioneer for dates.

**Frank Regan** Livestock  
Auctioneer  
ESBON, KAN. WRITE OR PHONE FOR DATES.

**Ole Hanson, Livestock Auctioneer**  
Mankato, Kan. Write or phone for dates.

**DAN GALLAGHER, Jewell City, Kan.**  
LIVESTOCK AUCTIONEER  
Write or phone for dates.

**N. B. PRICE** Livestock  
Auctioneer  
MANKATO, KANSAS. Write or phone for dates.



## POLAND CHINAS.

**20 March Boars** by Blue Valley Look, King Hercules, Big Ben (Phfander) and Ott's Big Orange, (J. O. James.) Mature dams. **J. F. FOLEY, (Norton Co.,) Oronoque, Kan.**

**100 SPRING PIGS** Sired by King Hadley, King Blain, Jr., King John and Long John 2nd; priced right and guaranteed. **W. Z. BAKER, RICH HILL, MISSOURI.**

**Way & Hargrove's Poland Chinas**  
Oldest Big Type Poland China breeders in Illinois. One hundred pigs for sale of our own breeding.  
**WAY & HARGROVE, JACKSONVILLE, ILL.**

**HILDWEIN'S BIG POLANDS**  
Make your selections from my large herd of the "big kind". They are the kind that make good. **Public Sale October 29.**  
**WALTER HILDWEIN, FAIRVIEW, KAN.**

**BECKER'S POLAND CHINAS**  
Good spring boars and gilts. A Wonder and Big Hadley strains. Special prices on summer and fall pigs. They will please you. Write today. **J. H. BECKER, Newton, Kan.**

**Fall and Summer Gilts**  
15 fall gilts open, 10 summer gilts bred and open, yearling and tried sows bred for fall farrow. Also an attractive herd boar offer. **E. C. LOGAN, (Mitchell Co.) SOLOMON RAPIDS, KAN.**

**Joe Baier's Poland**  
40 spring boars, a few choice fall boars, sows and gilts bred or open. Satisfaction guaranteed. Let me know what you want. **J. M. BAIER, ELMO, Dickinson Co., KAN.**

**Large Type Poland**  
Big smooth spring boars and gilts by A Wonder's Equal and out of Knox All Hadley dams. Extra quality but at reasonable price. Write today. **A. R. ENOS, Ramona, Kansas.**

**Stith's DUROCS**  
Sows and gilts bred to and young boars and gilts by Model Duroc, one of the best sires of the breed. His half brother and sister were grand champions. His sire was a champion. Write today. **CHAS. STITH, Eureka, Kansas**

**15 Spring Boars**  
tops from 32, sired by Mogul's Monarch, Gebhart, and Long King. Also two good fall yearlings. Gilts reserved for Feb. 18 bred sow sale. Write for descriptions and prices. **J. H. HARTER, WESTMORELAND, KAN.**

**BOARS! BOARS! BOARS!**  
I will hold no fall sale. The tops of my spring boar crop go at private sale. I have an exceptionally fine lot of MAMMOTH IDEAL 54559 and EXPANSIVE B., by Expansive boars that are large smooth and heavy boned. One exceptionally fine February boar out of a Guy's Monarch sow. This is a real herd header. For the next 60 days these will be offered at bargain prices.  
**MERTON WILLIAMS, Valley Falls, Kan.**

**Fall Yearling Boars**  
An exceptionally fine lot of 1912 fall boars sired by Ex. B., by Expansive and out of my best big type sows. Buy a matured boar that will sire you big litters of big, strong pigs. These are priced to sell.  
**W. R. Webb, Bendena, Kan.**

**The BIG ORPHAN**  
—1060 POUNDS—  
**Poland China Sale**  
**CENTRAL CITY, NEBR.,**  
**OCTOBER 29, 1913.**  
**50 Tops**  
**30 SPRING BOARS**  
20 by the Big Orphan. 10 by A Wonder's Price. 4 Show Sows by the Big Orphan.  
**Timm Neuhotel, Central City, Neb.**  
**H. S. DUNCAN, Auctioneer.**  
**G. W. BERRY, Fieldman.**

## The How of Success With Cows

(Continued from Page 9.)

Barley. Carrots.  
Oats. Sugar beets.  
Timothy hay. Mangel-wurzels.

As the protein feeds are required for the production of muscle, tissue and milk, and the carbohydrates for fat and energy, the feeder can easily see that a balanced ration must contain both classes in the right proportion.

Feed all the roughage, such as alfalfa, corn silage, etc., the cow will eat up clean.

Feed approximately one pound of grain for every three pounds of milk produced a day.

Feed some succulent feed, such as corn silage or roots, to make the ration more palatable.

Be prepared to supplement the pastures by feeding silage when the dry season sets in.

The sire is more than half the herd. Be sure that the sire heading your dairy herd will transmit dairy characteristics.

Weed out the unprofitable cows by use of the Babcock test and the scales. Raise and keep all heifer calves from the best cows.

Winter dairy as much as possible under your conditions. It gives you more milk, better prices, and at less cost.

**STATEMENT OF THE OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., OF FARMERS MAIL AND BREEZE,**

published Weekly, at Topeka, Kansas, required by the Act of August 24, 1912.

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Sworn to and subscribed before me this 4th day of October, 1913.

FRANCES WRIGHT, Notary Public.

(Seal) My commission expires October 29, 1916.)

## POLAND CHINAS.

## Sunny Side Poland Chinas

Bred sows and spring boars for sale, priced right. Satisfaction guaranteed. **J. G. Burt, Solomon, Ks**

## Poland Chinas

Select young boars; gilts, bred or open. Prices right. Call or address **H. L. BROOKS, Larned, Kans.**

## THURSTON &amp; WOOD'S Poland Chinas

The large, smooth kind. Fall boars, handsome fellows by U. Wonder by A. Wonder, also gilts by this great son of A. Wonder and bred to Orange Lad by Big Orange. **Thurston & Wood, Elmdale, Kan.**

## KLEIN'S TABOR VALLEY HERD

Some choice January Poland China boars by Chief Price 61897. Also two Sept. boars same breeding. Fall gilts, bred or open. Tops of 30 February boars. All out of big mature dams. Satisfaction guaranteed. **L. E. KLEIN, Zeandale, Kan.**

## Poland Chinas That Please

For a number of years we have bred the best type of Poland Chinas. Our males have gone to the best Big Type herds in America. We have 100 more to sell. **P. L. WARE & SON, PAOLA, KANSAS**

# JOE HEMMY'S POLANDS!

## 45 Head at Auction 45

—AT MY FARM NEAR—

### Hill City, Kan., Tues. Oct. 28

The offering is indeed a choice one, of the best of up-to-date breeding, well grown and conditioned. The future usefulness of every animal is assured. By securing the catalog, which is now ready, you will find the breeding is of the very best of big type strains and very popular.

## THE OFFERING.

**30 March and April boars** sired by Good Quality, by Blue Valley's Quality and Hemmy's Hadley, by Spangler's Hadley, by old Hadley. **1 Sept. Yearling herd boar** (Kansas King) sired by Long King's Superior and bred by C. W. Phillips, New Sharon, Iowa. Look up his breeding and send a bid on him. **12 March Gilts** of same breeding as the boars. They are well grown and a trim lot of young sows. **Two Tried Sows**, one with litter by her side, by **Kansas King** and the other bred to farrow in December, to my new boar, sired by Long King's Equal. The breeding is strictly big type and the individuals that have been bought in the past to build this herd have been among the best that could be bought in prominent Iowa herds. I am not expecting big prices but on the contrary expect many bargains will be secured in this sale. It is my initial sale and I am putting up a good offering. **Catalogs ready now.** Free hotel accommodations at Farmer's Hotel. Free conveyance to the farm. Drop me a card for a catalog today.

### JOE HEMMY, Hill City, Kan.

W. C. CURPHEY, Auctioneer. Send bids to J. W. JOHNSON, Fieldman, Farmers Mail and Breeze, in my care.

## Hildwein's Annual Offering Big Type Poland China Hogs

40 Head at Auction In Sale at Farm Near Powhattan and

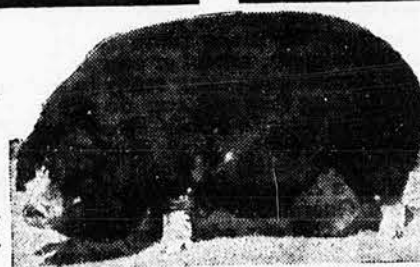
### Fairview, Kan. Wednesday Oct. 22

The offering is made up of 1 fall boar, 8 fall gilts, 14 spring boars and 17 spring gilts. These are sired by **WONDER EX. 64075**, by **Sampson Chief**, **GOLD STANDARD 67305**, by **Chief Golddust** and **Tec. Jr.**, a grandson of **Chief Golddust**. They are out of the best big type sows by such well known sires as **Gold Metal**, **Bell Metal**, **King Mastodon 2d**, etc.

I am presenting this offering on its merits and am not afraid of the outcome. I extend a cordial invitation to all who are in the market for good big type Poland Chinas to be at this sale. My hogs are the kind that will grow into the mammoth kind at maturity and are mighty good investments especially at this time.

Mail bids may be sent in my care to **C. H. WALKER, Fieldman**. Write today for my catalog.

### Walter Hildwein, Fairview, Kans.



The Big Orphan, the grand champion Poland China boar; weight 1,060 pounds.



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