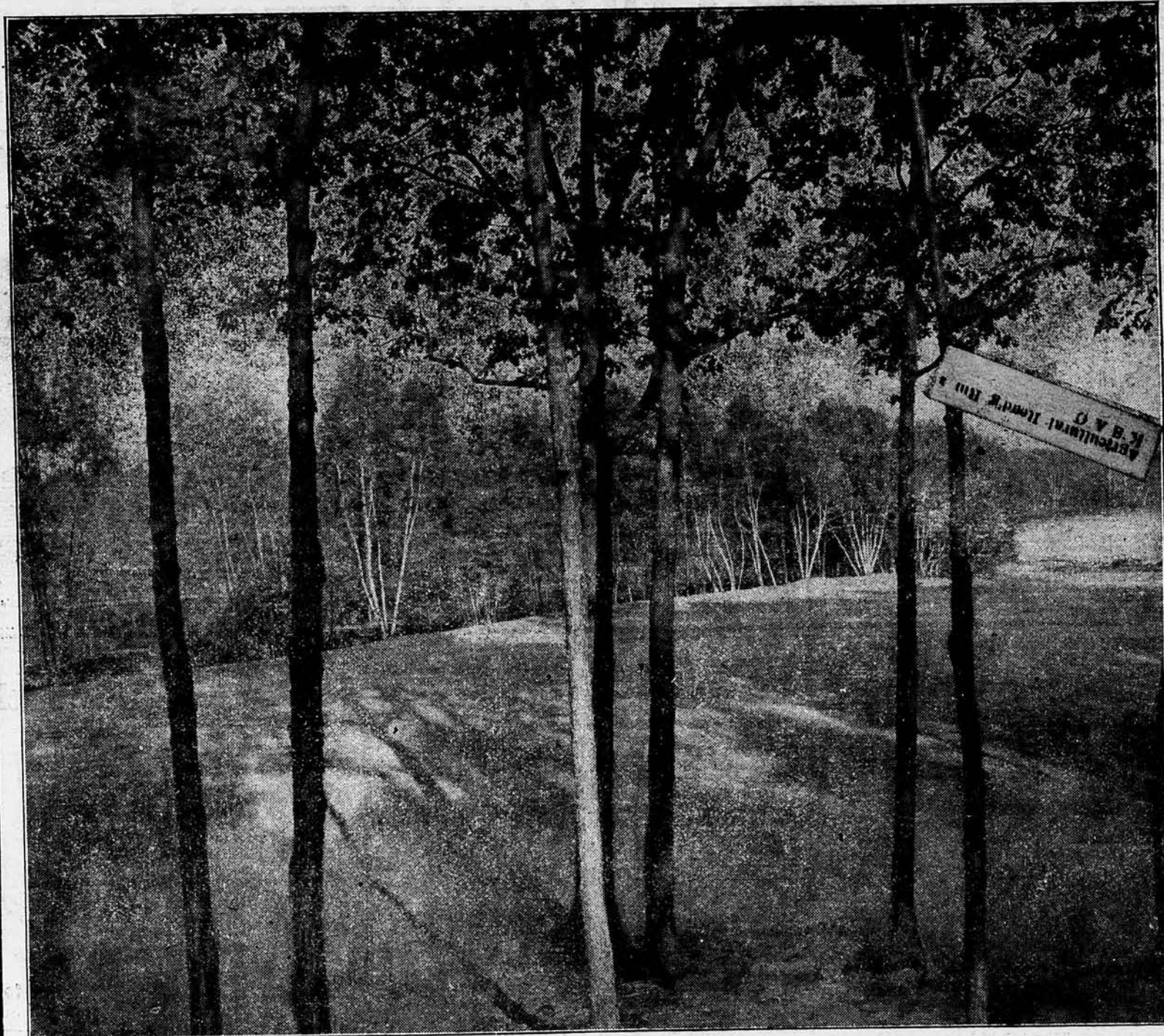


THE FARMERS MAIL AND BREEZE

Volume 42

April 13, 1912

Number 5



A Pleasing Combination of Trees, Grass and Slope

KANSAS soil is now well saturated with moisture. It is reasonable to expect a long or short period of dry weather. The forehanded farmer prepares for it. Farmers Mail and Breeze is next week to publish the most important article on moisture-conservation it has ever put in print. It has been written for us by Prof. TenEyck, and will contain new facts that have been worked out at the biggest dry-farming station in the world.

Double the Rural Route Circulation of Any Kansas Farm Paper

The Most Convincing Argument

THAT we can save you money on everything you use, eat or wear, will be found in our great "Gladiator" Shoe Offer below. We know that if you buy and wear a pair of "Gladiator" Shoes at the price quoted, you cannot fail to see that we not only give exceptional value for the money, but that our guarantee of satisfaction must always be worth one hundred cents on the dollar applied to any purchase you make of JONES, POST & CO. We want you, and every man who is considered rough on Shoe Leather, to buy a pair of "Gladiators" on the plain guarantee printed below. We know that a pair of "Gladiator" Shoes will

make you a lifelong friend of our house and that these Shoes will give you long wear and satisfaction at a money-saving price. The worst you can get on this fair, square deal, is a brand new pair of "Gladiator" Shoes, if the pair you select from this page do not wear you one year as stated in the guarantee.

Send your order at once giving size wanted, and the stock number of Shoe. This is without doubt the greatest Shoe Offer ever made by any house, and we will be glad to make good on every pair of "Gladiators" you buy, if you can "get the best of them" in one year's wear.

READ THE OFFER

JONES, POST & CO.

SEND YOUR ORDER

"GLADIATOR" SHOES

The Best Shoe of This Kind Ever Built. ; ; Every Pair Backed by Our Guarantee.

The Conqueror of All Workingmen's Shoes

Made from Best Grade Chrome Elkskin—the Softest and Most Pliable Leather Tanned. Extra Heavy Slaughter Leather, Double Outsoles, Sewed and Standard-Screw Fastened. Are Unlined. Full Vamps—Not Cut Off Under the Tips. Waxed Linen-Stitched Seams. Full Bellows Tongues. One-Piece, Extra Heavy Counters and Innersoles. Extra Heavy, Re-inforced Back Stays. Made from Best Materials by Expert Workmen. Send Your Orders Direct From This Advertisement.

"GLADIATOR" BLACK CHROME ELKSKIN—Seamless Blucher

Stock No. 22C1006

\$2⁷⁵



Sizes 6 to 12
No Half Sizes
Wide Widths

The above illustration represents our "Gladiator" Seamless Blucher. Made from the very best quality chrome elk, which is tanned by a new method, giving this leather permanent softness, pliability, and makes it as near indestructible and water-proof as leather can possibly be made. They have dirt and water-repelling gusseted tongues; are unlined, preventing irritation. They carry two full, heavy, slaughter-leather soles, with extension edges, protecting the uppers. Have long vamps; sewed and standard-screw fastened soles, and heavy, re-inforced, rip-proof back stays. Guaranteed to wear 1 year. 22C1006—Shipping weight 56 ounces; pair.....\$2.75

Our One-Year Guarantee

We guarantee our "Gladiator" Shoes to wear ONE YEAR, excepting the soles, which are the best that money can buy, and will replace with a new pair any pair that does not prove satisfactory, provided they are returned within one year from date of purchase.

JONES, POST & CO.

Kansas City, Mo.

"GLADIATOR" TAN CHROME ELKSKIN—Bluchers.

Stock No. 22C1014

\$2⁷⁵



Sizes 6 to 12
No Half Sizes
Wide Widths

The uppers in these Shoes are cut from heavy, chrome elk leather. Built over a comfortable, broad-toe last; cut seamless blucher style; have gusseted tongues, and triple linen-stitched seams. The uppers are lasted under the inner soles, and have a cap toe for protection. The back stays are re-inforced, which adds great strength to the Shoes. They carry two heavy soles of the very best grade stock; are sewed and re-inforced with standard-screw nails. The innersoles are smooth; have no lumps or stitches to hurt your feet. We use solid, one-piece sole-leather counters, innersoles and heels in the makeup of these Shoes. Guaranteed to wear one year. 22C1014—Shipping weight 56 ounces; pair.....\$2.75

"GLADIATOR" Tan Chrome Elkskin—Plain-Toe Blucher

Stock No. 22C1015

\$2⁷⁵



Sizes 6 to 12
No Half Sizes
Wide Widths

This famous "Gladiator" Shoe is built for comfort and service. Made from positively best grade tan-colored chrome elk, which is as near indestructible and water-proof as leather can be made. Built over a roomy, plain-toe last; are unlined; have bellows tongues; one-piece innersoles and counters. All seams are heavy, waxed linen-thread stitched, to prevent ripping. Have two full soles, with extension edges, cut from wear-proof leather. Re-inforced back stays, and one-piece solid leather heel. Guaranteed to wear one year. 22C1015—Shipping weight 56 ounces; pair.....\$2.75

How They Are Made

Take a Look at the inside of Our Great "Gladiator" Shoe. They are Constructed from the Very Best Grade Materials by Workmen of Expert Skill in the Shoemaking Industry. These "Gladiator" Shoes are the Best, Barring None.

Take a good look at the illustration, and convince yourself that it is impossible for Modern Machinery and expert workmanship to construct better Shoes than our unconquered "Gladiators." Take a peep at the soles, and you will see that you really get three soles in buying these Shoes. The heavy counters are warranted not to break down. You can cut the cap-off, and still have a good Shoe, because the vamps are not cut off, but are lasted under the innersole. Note the heavy bellows tongues, re-inforced back stay and one-piece solid leather heels. Absolutely the best made. GUARANTEED TO WEAR ONE YEAR.



THEY LEAD ALL OTHERS

"GLADIATOR" BLACK CHROME ELKSKIN—Plain-Toe Blucher

Stock No. 22C1010

\$2⁷⁵



Sizes 6 to 12
No Half Sizes
Wide Widths

These famous "Gladiator" Shoes are built over a plain-toe last, which is very broad and comfortable. The stock in the uppers is a chrome elkskin of heavy weight. All seams are triple-stitched, to prevent ripping. Cut blucher style; have bellows tongues, and heavy, re-inforced back stays. The two full soles, that these Shoes carry, are cut from the highest quality sole-leather; they are sewed and standard-screw fastened; are very durable and easy on the feet. The innersoles, heels and counters are cut from one-piece sole-leather. Guaranteed to wear one year. 22C1010—Shipping weight 56 ounces; pair.....\$2.75

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1430

NAME.....

POST OFFICE.....

R.F.D. STATE.....

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Jones, Post & Co. 1430 West 9th St., KANSAS CITY, MO.



THE FARMERS MAIL AND BREEZE

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



Volume 42
Number 5

TOPEKA, KANSAS, APRIL 13, 1912.

Subscription
\$1.00 a Year

WHAT EXPERIENCE TEACHES ABOUT SILAGE FEEDING

WHEN the inexperienced man once has silage he is too prone to believe he has in it an all-sufficient feed; to think the silo solves all his feeding problems. It simplifies them to be sure, but grain and roughage must be given with it to provide well-proportioned rations.

Thus far the silo has been mainly used in connection with dairying. To its building is attributed the enhanced interest in cow culture in recent years, which, too, to some extent is accountable for the decrease in beef production. W. A. Henry, in his new "Feeds and Feeding," published in 1910, says probably 95 per cent of all the forage stored in silos is from the corn plant and 95 per cent of the silage made is fed to dairy cows.

Silage is a bulky feed, rich in carbohydrates or fat-forming elements, but lacking in the protein which puts meat on the back of the steer and milk in the udder of the cow. So, it is necessary to provide the requisite protein from other sources, by feeding with the silage, for example, alfalfa hay (which if well cured and leafy averages nearly as much protein as wheat bran, pound for pound), also clover, cowpeas, cottonseed meal, bran and oats.

In dairying no hard and fast rule can be laid down for the daily ration per animal because of the differences in individuals fed. Some eat more and others less, according to their capacities and requirements. A Wisconsin dairyman, giving all the silage his mature cows in milk would clean up, found that the average per head was 40 pounds daily. As an indication of the variation of appetites in different individuals he cites the example of one cow that made good use of 60 pounds every day all winter, she being a heavy milker as well as a heavy eater. With this silage the cow also ate 25 pounds of alfalfa hay and 25 pounds of mixed grain.

As silage acts as a laxative its over-feeding would be accompanied with unfavorable results and hence cows should be given only such quantities as they will eat up clean, with other roughage and grain. Used in this manner its effect on the digestive system is most beneficial, and its wholesomeness is attested by the bright eye, the glossy coat and pliable skin. Stock should be accustomed to it gradually, and the first feeds should not be large. Moreover, owing to its odors it should not be allowed to accumulate in the feed boxes or in the barn where cows are housed.

It is claimed that corn silage will supply more pounds of digestible nutrients per acre than any other crop. From corn at the proper stage of maturity, if judiciously fed, silage may provide about one-half the roughage and three-fourths of the grain in the ration. Alfalfa hay balances with it to make an ideal feed, and cows may be given all they will readily eat.

Dairymen who have had longest experience conclude that more milk is produced at a cost approximating one-third less through feeding silage. The grain or other feed that should be used with it and alfalfa or clover hay depends of course on what the object is. For young stock and dry cows no grain would be required, but for cows in full flow of milk an average of about 5 pounds of ground feed, as oats, bran and oil meal mixed is found excellent. Silage is quite generally given twice a day, or in the morning and evening after milking, and one feed of alfalfa or other hay between, although of course many follow methods peculiarly adapted to their own ideas and operations, as they have found best. The foregoing may enable one to gather a general idea of the ration for milk cows, but every cow is a law unto her-

*Concluding Article of the Series on the
Silo and Its Advantages*

By F. D. Coburn

Written Expressly For Farmers Mail and Breeze

self when it comes to properly meeting her needs. This involves a study of the individual animals.

When dry weather injures summer pasturage cows confined to it are certain to fall off more or less in milk. This means not only immediate decrease, but making up for the lost time required to restore a normal flow after the grass has made a new growth. The man with the silo is in position to avoid such experiences. It is well to have more silage than is needed for winter use, in order that some may be left for summer feeding in time of short pastures. Should there be some in the silo when the new corn is ready to put in the work may go on just the same and the fresh supply be deposited on the old without injury to either.

Some authorities advise feeding from the silo in summer in preference to soiling, which not only saves the labor and inconvenience of plowing, planting and cultivating small patches of different crops, but in harvesting from day to day in a busy season of the year. When the farm is limited summer silage is all the more important. It has been demonstrated that properly stored in good silos it will keep in good condition for two or three years, and is better after six months old than when new. There is no reason why the farmer should not have it always on hand as insurance against short grass or long winters.

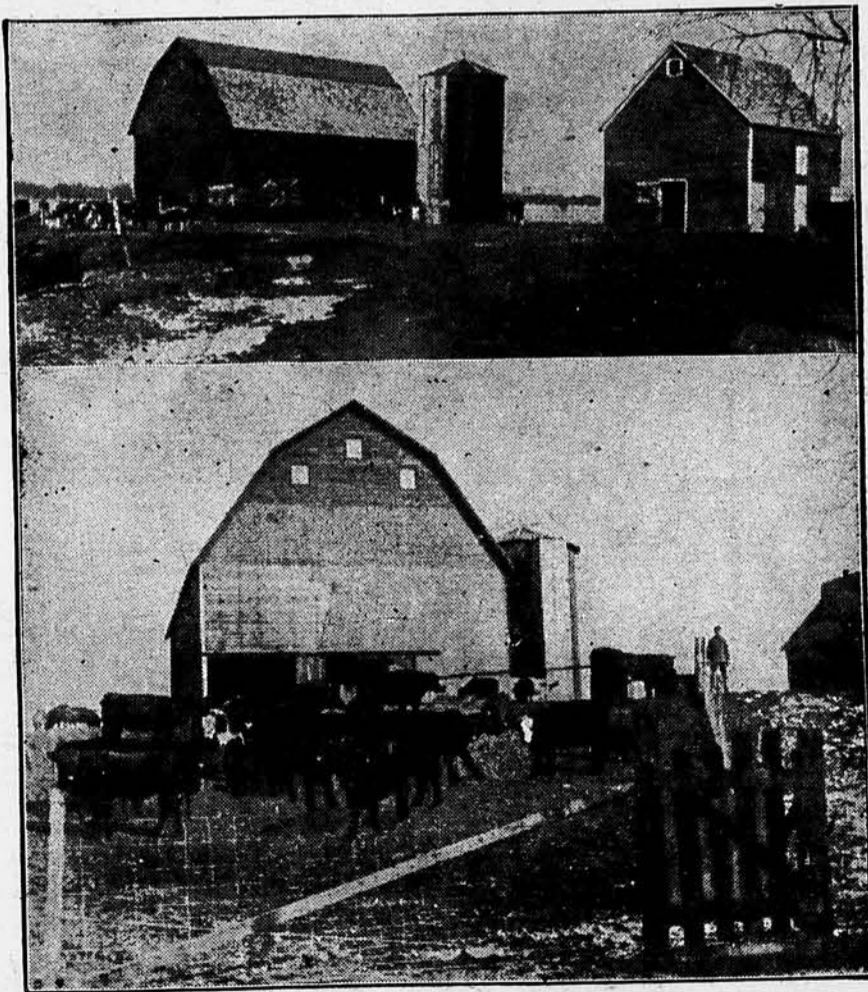
Prof. Mumford, of the Illinois station, declares that on corn land worth \$100 and upwards per acre cows can be wintered on silage with less expense than they can be maintained through the summer on blue-grass pastures, and that "if Illinois comes to producing its own feeding cattle it will come to use silage for summer as well as for winter feeding."

Many experiences are being related by the men who find the silo is solving the problems of profitable cattle-feeding on high-priced lands. Beef-makers prefer the corn a little more mature for ensiling than is wanted by dairymen, or, say, when about ready to cut for shocking. An Iowa cattle-feeder reports that with 40 pounds of silage, 10 pounds of corn and 3 pounds of cottonseed meal, the gains averaged as well as when he used to full-feed on corn, using 23 pounds with cottonseed meal and clover hay, and the cost was less with the silage by about one-third. Another stockman found a feed that gave good results quickly was 40 pounds of silage, 10 pounds of shelled corn, 4 pounds of cottonseed meal, and 15 pounds of alfalfa or clover hay. One of the most extensive users of silage in steer-feeding, whose experience covers a decade, gives all the silage and alfalfa or clover hay his steers will eat, mixing with the silage about 1-3 pound of cottonseed meal to each 100 pounds of live weight. No grain or other roughage is used. It is a ration wholly of ensilage, alfalfa or clover hay and cottonseed meal. Of this the cattle ate about 5 pounds of silage, with the meal, per hundred of live weight daily, and of hay about 1/2 pound, with as satisfactory gains as by any other method. "The finish was more uniform, and the increase ranged from 50 to 100 pounds per head per month." This feeder figures that the cottonseed meal affords nutrients about equal to those in the corn used under the old system, as practically all the meal is digested.

One recommends that silage be constantly before fattening cattle in wide shallow "bunks," allowing all that will be cleaned up daily. In reference to the custom of mixing grain with it, he found it best to feed the two separately, as the steers "will nose over the mass hunting for the grain," which is not beneficial to the animal. In this case results showed "as much beef from 10 pounds of corn with silage and a small quantity of hay as from 20 pounds of corn with all the tame hay the cattle would eat." There was also on this farm a dairy herd. With succulent ration from the silo during the dry weather of July and August in 1911, the cream checks were nearly as large as in May and June preceding.

Silage from properly matured corn, with alfalfa hay will carry stock through the winter in a condition of thrift and constant growth. It is given profitably in the ration for horses, and used judiciously with first-class roughage and dry grain, to balance the ration, is excellent for sheep. In cattle-feeding, the number of hogs that can follow is, of course, greatly reduced. Without hogs the loss would be small, much less than in any other method of fattening.

It is estimated that the capacity of a farm for livestock is doubled by the silo. This fact, along with the saving by utilizing the whole of the corn plant, the possibilities in upbuilding our soils, and economical milk and meat production, makes the silo a chief plank in the platform of the farmer in his campaign for increased per acre yields and enlarged prosperity. The better it is known the more generally it is conceded that the silo is well entitled to a more general recognition.



MAKING BEEF WITH THE AID OF SILAGE

(Two views of a western farmer's feed lot.)

F. D. Coburn

The Farmers Mail and Breeze

PUBLISHED WEEKLY AT
Eighth and Jackson Streets, Topeka, Kansas.

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SPECIAL NOTICE TO ADVERTISERS.

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



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

BUSTING THE TRUSTS. Among the things for which the Taft administration is claiming special credit is the breaking up of the two great combines, the Standard Oil and the Tobacco trust.

"Look," says the admirer of the administration, "at the long and successful fight that has been waged against these gigantic corporations by the government. Fearlessly and persistently the battle has been fought through the inferior courts up to the highest courts and the government has finally compelled these trusts to dissolve."

And then the plain plug citizen begins to ask a few questions and also to make a few homely comparisons and illustrations. He says, "When I kill a snake I observe after the operation that the snake shows considerable signs of having been injured. If after I had got through pounding the snake it sounded its rattles and apparently was more vigorous than it was before I tackled it I would have a reasonable doubt as to whether or not my pounding had really amounted to anything."

The Standard Oil trust has been busted, according to the statement of the administration, but Standard Oil stocks are more valuable than ever before in the history of the organization. The busting process apparently has added the comfortable sum of more than 200 million dollars to the wealth of the men who own the stock in that corporation. Has the price of oil and other products manufactured and sold by the Standard been decreased? Not that any person has discovered. On the contrary, the price has been raised.

What is true of the Standard is also true of the Tobacco trust. It certainly is the most comfortable and remarkable case of busting that has ever been seen in the history of the world. Other great corporations are apparently waiting hopefully for an opportunity to be busted in like manner.

This victory reminds me of Artemus Ward's story of a successful contest in which he once engaged. A man had insulted him and Artemus determined to give his enemy the punishment he richly deserved. He therefore proceeded to mix it with him. Almost at the first pass, says Artemus, he succeeded in grasping his opponent and pulling him down on top of him. Then by an adroit movement Artemus succeeded in placing his (Artemus's) nose between the other man's teeth, and held it there until his nose gave way. He then struck the other man's fist a powerful blow with his right eye and followed it up with his left. The man who was on top of Artemus then got up, Artemus suggesting that he didn't care to press his victory to an unreasonable length.

After getting up, just as a parting touch, as it were, and to make his victory more complete, he, Artemus, struck his stomach violently against the other man's boot. By that time it was becoming evident that the other man had had all he wanted and Arte-

mus said so far as he was personally concerned he was ready to let bygones be bygones. He was opposed to relentlessly and vindictively pursuing a foe.

Here are the Standard Oil and Tobacco trusts, whipped to a standstill, according to the exultant boast of the administration, but both of them more powerful and with a better grip on the situation than they had before they were whipped.

A STORY WITH A MORAL. I do not pretend to vouch for the literal accuracy of the following story. It might have happened—possibly it never did. It is useful for purposes of illustration only:

In the year 17— a ship was blown out of its course and finally wrecked on a hitherto undiscovered island in the Pacific ocean. Fortunately, the lives of the passengers and crew were saved and the cargo of the ship was mostly saved. The island was large and fertile and situated in the northern part of the south temperate zone.

As nearly as could be ascertained from the ship's reckoning it was fully 1,000 miles from any other known island and that far out of the track of ocean-going ships. It so happened that the passengers and crew numbered 100 men and 100 women.

After getting the lay of the island and finding that it was entirely likely that they would never be discovered unless some other ship happened to be blown out of its course, as theirs had been, the passengers and crew of the wrecked ship started in to make the best of the situation. As has been said, the island was particularly favored both in the way of climate, soil and general resources. There was abundant timber and stone out of which to build houses and other necessary buildings. There were several waterfalls that furnished abundant power for manufacturing purposes. The men who had not wives already took to themselves the unmarried females who were passengers on the ship and a new community was organized.

There was abundant opportunity for each inhabitant to select the sort of business that suited his taste. Some farmed. Some made a specialty of raising garden vegetables. Some raised stock. Two or three formed a partnership and tanned the skins of the cattle, sheep and goats that were raised on the island. Others went into the business of grinding the grain and others engaged in the business of mining iron and coal.

At first there was nothing in the way of trade but the primitive barter of the articles produced by each individual or firm for other things that they needed. This was inconvenient and burdensome and the leading citizens of the island concluded that there ought to be some more convenient method.

It was finally decided that a government should be organized in order that the people of the island might have some means of conducting the common business, and one of the principal matters to be considered by the new government was this matter of deciding what should be a common medium of exchange, so that the farmer would not be obliged to peddle his grain and stock around to the miller and tailor and shoemaker and tanner in exchange for what little he needed from each of them of what they produced, but with this common medium of exchange he could buy what he needed of all the things he wanted but did not himself produce.

When the government of the island had been duly organized with a selected legislative body to make laws governing the entire people of the island, the leading question was what should be used for this common medium of exchange. Among the members of the new legislature was one Solomon Isaacs, who was a man crafty withal and farseeing. It so happened that when Isaacs had made his location he had discovered that there was a large deposit of lead on the land and after a careful and secret search he further discovered that this was the only deposit of lead on the island. He said nothing about this, however,

The Coburn Silo Articles

No more timely and important service could have been done for Kansas at the present time than the publication of the series of articles on the silo which F. D. Coburn has been writing for Farmers Mail and Breeze, the last and most important of which appears this week.

Naturally, there has been much misconception in the state with regard to the silo and the demand for accurate, authoritative, dependable, and disinterested information has been very great. Farmers Mail and Breeze therefore looks upon the presentation of these Coburn silo articles, written expressly for its columns, as a duty well performed.

While it was not expected that the makers of silos would be entirely pleased with Mr. Coburn's frankness in discussing some of their claims, it is a pleasure to record such a candid letter as the following:

My Dear Mr. Coburn—I have read your recent article in the Farmers Mail and Breeze with a great deal of pleasure. Your appeals to the farmers from time to time are doing a lot of good, and I am glad to see you take up the silo question. I am enclosing a little booklet which we have issued on the silo. I should be glad to have you review it.

E. H. CLARKE,
Secretary National Silo Manufacturers' Association.
Lincoln, Neb., March 19, 1912.

but taking some of the lead he melted it and fashioned it into neat round discs. He also discovered an alloy that he could mix with the lead that made it harder and more durable than the metal in its original state.

When the question of what should be used as a common medium came up Solomon arose and made a most adroit speech treating on the kind of material that ought to go into this common medium. He said that it ought to be capable of being divided into different sized pieces to represent different values and it should be handsome in appearance. Finally he showed the metal discs that he had fashioned to illustrate the kind or money he thought the people ought to have.

The talk of Solomon had its effect. The majority of the members of the legislative body were pleased with the appearance of the discs and finally decided that these should be used as the common medium of exchange.

After the law was passed someone happened to ask where the material out of which the discs were to be made was to be found. For the first time it was discovered that Solomon had a cinch on all the material out of which the money of the island could be made. There was considerable kicking when this was discovered, but Solomon had his cinch safely nailed down. The legislature had declared that this was the only lawful money to be used in the island and the people had to have it or quit business.

It is needless to remark that Solomon Isaacs had a soft snap. He fixed the prices of all the commodities on the island and levied such tribute as he chose upon the people who came to him for this common medium. After a time it occurred to Isaacs that he might possibly run out of lead and the alloy and he devised a new scheme. He had by that time every member of the national legislature in debt to him, and as a result they were amenable to his arguments.

He proposed to issue paper money based upon the metal discs that had been made the common medium of exchange and himself organized a bank of issue. This bank was to have the authority delegated to it by the national legislature to issue bills of credit based on the mixed lead coin and made legal tender.

One or two members of the legislature asked why the national legislature of the island should transfer this power to him. Why not keep it and use it for the general benefit of the people of the island?

"You have demonstrated," answered Solomon, "that you have not sense enough to exercise this power. If you had you would not have granted me a monopoly of the money in the first place. My business is to make money and lend it to the yaps who haven't sense enough to keep the business in their own hands."

And so it came about that the power of issuing money was turned over to Solomon and the national legislature meekly following his command agreed to guarantee the money that he was permitted to issue.

As the years wore on this monopoly counted mightily in favor of Solomon Isaacs. While he never produced anything himself he held the obligations of practically everybody else on the island. He alone was permitted to issue money for nothing and then lend it to his fellow citizens at whatever rate of interest he was able to get.

But at last the people wearied of the exactions of Solomon. They asked why they should, through their government, grant a privilege to one man that no one else was permitted to enjoy. Why should the government they had established which gave to the money its right to circulate and which compelled the people to take it in payment of their debts give away this power to a private individual?

And the more they considered the matter the hotter they grew under their respective neckbands. Until finally they rose up en masse and went after Solomon Isaacs and took away from him his cinch. The government of the island re-took the power that it had surrendered to Isaacs and issued its own money, which it loaned to the people at cost.

And prosperity returned once more to the island; that is, to all of the people except Solomon Isaacs. He lost his cinch.

A LITTLE MORE ABOUT THE ALDRICH PLAN. I have a letter here from a friend of mine who is much interested

in the Aldrich currency plan. He is, as a matter of fact, at the head of one of these Citizens' Leagues that are being organized over the country for the purpose of educating the people up to the point of believing that the Aldrich plan will be an unadulterated blessing which the money power is willing in a most self-sacrificing way to bestow upon them.

My friend is moderate, however. He says that whatever may be said in criticism of the Aldrich plan it is better than what we have now. That, I am inclined to think, may be true. In fact, I have said so. That, however, is no argument in favor of the Aldrich plan. Our present system tends all the time to drain the money of the country into the Wall street pocket and must inevitably tend to alternations of wild speculation in Wall street and general financial depression.

Since receiving this letter from my friend I have given the matter further study. I have read several able arguments on both sides of the question and am more than ever convinced that the Aldrich plan means the formation of the most stupendous and powerful

money trust this or perhaps any other country has ever known.

It is a plan to hand over the control of the finances of this country to a banking trust, a privilege of such enormous value that all the other special privileges that have been granted sink into insignificance beside it.

It means that the central association that will be formed will have the privilege of issuing money that will cost the association nothing except the cost of paper, engraving and press work, which will be loaned to the people at varying rates of interest, and this privilege will be the gift of the United States government.

Why, in the name of high heaven, should A, because he is a banker, be given the untaxed privilege of issuing money and loaning to his neighbors, B, C, D, and E at such rates of interest as he may see fit to charge them, when if B, C, D, or E were to undertake to issue money and pass it off on his neighbors he would be arrested and prosecuted for issuing counterfeit money?

The whole plan is wrong. It is conceived in sin and brought forth in iniquity. It is the worst kind of special privilege. It is the formation of a banking trust that is to be saddled on the people for the next half century. Any candidate for congress who favors it should be defeated for election next fall, regardless of what party he may belong to.

WHY THE PEACE TREATIES FAIL.

A reader asks me why the peace treaties are not effective. Well, the leading reason is because the nations that make the treaties are not acting in good faith. They talk peace, but they do not believe in trusting each other, and until people do trust each other genuine peace is impossible.

Did you ever see a really peaceful community where the greater part of the inhabitants went around loaded with guns and knives? While the nations of the earth are talking about peace they are increasing their military expenses. So long as they do that peace treaties will be as ropes of sand. There might just as well be no peace treaty, for each nation secretly intends to break it whenever it is to the interest of that nation so to do.

If there were no peace treaties between the great nations there would probably be no wars, and no more danger of war than there is at present, for the nations could not afford to go to war. The lack of means prevents wars. Commercial conditions prevent wars. Peace treaties have little or nothing to do with the prevention of wars.

There is just one way to secure universal peace. If the leading nations of the world will cease to prepare to fight we will have peace. If the battle-ships are dismantled and turned into merchant ships for the carrying of the commerce of the world, if the armies are cut down to the number that may be necessary to do the public police duty of each country, then we will have peace.

But we still are wedded to the supreme folly of the military idea. Still the nations of the world lay greater and greater burdens on the backs of the people who have to foot the bills to keep up useless armies and monstrous navies. Each seems to feel that so long as the other nations continue to arm themselves, to build warships and cast guns, they must do the same for self protection.

The assumption is that if they did not have enormous armies and navies other nations would despoil them of their territory. As against this assumption is the fact that many small nations are flourishing without armies and navies and that their territory is not being despoiled.

Is it not time for some nation to take the lead for real peace? Is it not time for some nation to say we will quit simply pretending to be a Christian nation and be a Christian nation in fact?

Suppose, for example, the United States were to say, "No matter what policy other nations may pursue, this nation is determined to show that war is abominable, a crime, and we are going to quit it. We are going to train our people to love their flag and to defend it if necessary, but we will cease to equip armies and build navies in anticipation of war with other people or other nations."

As a matter of fact, it seems to me there is just one of two policies to pursue. We must either go the whole hog or none. We must either equip an army big enough to match any other army that any other nation has, and build a navy as big or bigger than any other nation has built or else we must take the other horn of the dilemma and reduce our army and navy to a simple police basis.

For example, if we must fight with some nation like Germany we know that our present regular army could not cope with the enormous army of William. We would be forced to depend on volunteers. Our present army is several times as big as it needs to be for police purposes and not big enough to amount to much in case of a conflict with any first class power. Our navy is several times as big as it needs to be in order to police our shores, but in case of a war with Great Britain our navy would not be big enough to whip the British navy, which is more than twice as large.

Apparently, we are neither prepared for peace nor war. And yet we are spending the enormous sum of

250 million dollars per year to keep up that sort of a military establishment.

While we are talking of war, the fight between Italy and Turkey drags on. At first it looked as if Italy would clean up Turkey in a week or two, but the Turks seem to have got their second wind and at present Italy appears to be making little headway.

A good deal of ammunition is being wasted. Quite a number of people who have had nothing whatever to do with starting the original trouble are being killed. The burden of debt is being piled higher and higher on the backs of the people of Italy and Turkey, and God knows their burdens are heavy enough now.

What a useless and horrible crime war is! How inexcusable for so-called Christian nations to engage in it!

CERTAINLY I CHANGE. The McPherson Opinion editor says that he reads my editorials. That is a compliment for which I wish to thank him. He intimates that he has been reading them for several years. He is a patient and long suffering man and has my sympathy. He says that he observes that I do not advocate the same things I advocated 20 years ago. I plead guilty without apology or shame.

I think I know more than I did 20 years ago and most sincerely hope that if I live and retain my mental and bodily health for another 20 years I shall know more than I do now.

There are two kinds of men that I really do not have much respect for. One kind is made up of men who have no opinions, and the other is made up of men who never change their opinions. The man who never has an opinion, of course must lack intellect and initiative. The man who never changes his opinion is fossilized and ossified.

What every man ought to try to do is to find the truth, no matter whether it agrees with his preconceived notions or not. The unwillingness to find out what the truth is has been responsible for retarding progress through all the centuries since man acquired the faculty of speech. The old theologians insisted that the world was flat. They were the most consistent people in the world. When a daring philosopher stated that the world was round and that it revolved on its axis, did the theologians investigate? Did they try to find out whether the philosopher had discovered a truth? No. They said that the thing was preposterous, it disagreed with all the things they had been teaching and that they wouldn't stand for it. It was easier to kill the philosopher than to hunt for the truth.

In most countries the old practice of burning a man who suggested a new idea or of hitching a couple of stout horses to him and tearing him apart, has been abandoned, but the pride of opinion still remains. Most people are unwilling to acknowledge that they have been mistaken and change their minds. And yet why should any man consider it a disgrace to own up that he may have been mistaken?

DEFENDS THE SCHOOL BOARD. A few weeks ago a part of a letter written by a subscriber complaining of the manner in which the school in his neighborhood was being conducted was published in the Mail and Breeze. Mr. Freeman, the writer, complained that the school board and the principal of the school were running it mostly as a German school and that he could get no redress.

A few days ago another letter was received from a neighbor of Mr. Freeman defending the action of the school board in a very good tempered way, which reads in part as follows:

Editor Mail and Breeze—Mr. Freeman's neighbors are mostly German people. Some of the older people may have migrated from Russia with their fathers, but the people of 38 years old and under have been born in Kansas and neighboring states. Mr. Freeman says the teachers are both Russians, also all of the school board. I would like to make a correction as to nationality. Mr. Freeman undoubtedly would not like to be taken for a Russian if he by birth is an Englishman. Our grandfathers and great grandfathers migrated from Germany to Russia about 200 or 300 years ago, but remained German Mennonites under all conditions as to state and surrounding religion. Does Mr. Freeman blame his neighbors for keeping up the German language to some extent?

In the year 1874 our fathers and grandfathers migrated to the United States. They took up the English language but did not neglect our good old German language. Mistakes in the way of teaching the German language were made and are being made but not with the idea or purpose of beating the state, county or school district. At the same time Mr. Freeman's neighbors might perhaps arrange the course of study so as to be more satisfactory all around.

I consider it the duty of every United States citizen to send his or her children to a school where they will be able to properly study the English language. We are supposed to have seven months of school each year. My understanding of the school law is that the law does not definitely state whether or not English is to be taught all through the seven months' term, though I take it for granted that it was so intended.

We have been employing English teachers, that is what our records show, but after the English term of school expired we employed a German teacher for two or three months privately. Under the new school law we employed a teacher at \$75 per month with the understanding of the county superintendent and the teacher that he must finish the English course of study in seven months. The members of the school district then employ him privately for one more month so as

to give us eight months of school. We had two graduates from our English district school last year and are to have two or three more this year. The announcement of a district, township and county spelling contest brought out a first and second prize winner from our district in the district contest and the same first prize winner in the township contest, also a second prize winner. They now both have the honor to go to McPherson to take part in the county contest in the English language. This I mention to show you that we have not neglected the English language down here in McPherson county.

Inman, Kan.

P. G. HEIDEBRECHT.

A LITTLE MORE ABOUT THE NAVY. Evidently there is a wide difference of opinion concerning the navy among the young men who have served among the common sailors. A few weeks ago I published a letter from Finley Walker of Alexander, Kan., who painted a pretty dark picture of conditions on board our men of war. Afterward I printed the letter of Mr. Sees, of Bird City, who has served in the navy and gives it a great sendoff. Now here comes the following letter from Charles D. Wilcox, of Stockton, Kan., who served four years in the navy, from 1902 to 1906. He says:

Wishing to back up the statement of Finley Walker, of Alexander, Kan., I thought I would drop you a few lines, as I have served four years in Uncle Sam's navy. Every word he says is an actual fact. Many a time I have seen a man (so-called in civilian life, but dog in the navy) go to the mast, which is held every morning about 11 o'clock and plead guilty to a charge, although not guilty, because if he would try to defend his rights he would be told to shut up, and if he persisted he would get twice the punishment he would get if he plead guilty. I can say that I would rather be a dog, provided it wasn't an officer's dog, than to be an enlisted man in the United States navy.

If all these young men are telling the truth, and I have no reason to dispute their statements, it is evident that there is widely different treatment of the men on different ships. Here are two young men, who have no interest so far as I know in maligning the navy, who say the conditions are about as bad as they can be, while another young man, Mr. Sees, paints a bright picture and claims that the life of the enlisted men in the navy is nearly ideal.

My own opinion is that there is a wide difference in the treatment of the men on different ships. I happen to know a few officers in the navy. Without knowing anything about it personally, my guess is that some of these officers are kind and considerate and entirely just in their treatment of the men under their command, while some of the others will be overbearing and cruel if they have the opportunity.

I cannot believe that all or even a majority of the naval officers are overbearing, cruel and unjust to the men under their command, but I have no doubt that some of the officers are. This probably accounts for the difference of viewpoint on the part of these young men. Mr. Sees may have served under very favorable conditions with just and considerate officers in command, while Mr. Walker and Mr. Wilcox may have served under adverse conditions.

County Officers and Fees

I want to say, most emphatically, that I am opposed to the fee system of paying county officials. This system, as now practiced in Shawnee and many other counties of Kansas is unbusinesslike, unsound, decidedly unfair and unnecessarily expensive to the taxpayers.

I believe that the salary connected with every public office should be based upon the quantity and nature of the work required of the man filling that office. It should be fair to the man and fair to the people who pay him—the taxpayers. There should be little difficulty in deciding what IS a fair rate of compensation for the duties to be performed by any public official. There is no necessity whatever for the uncertain, excessive, "sliding scale" as now used under the grabbing fee system.

The county should not be operating a game of chance for the benefit of ANY of its office holders—with the chance all against the taxpayer.

I believe every office holder should be paid a certain fixed salary for his services and that every cent of every fee of every office should go into the public treasury and thus eventually BACK TO THE PEOPLE by the reduction of taxes.

It is an absurdity (and yet the taxpayers have tolerated it for years), that through the fee grabbing system county officials should in some instances receive for their services two, three or even four times the salary of a district court judge or a state official. There is no county official whose remuneration should exceed that of a state officer, which is \$2,500. But that some county officials have received in some years \$6,000 to \$10,000 is a matter of public notoriety.

I have always been irrevocably opposed to the fee system of paying county officials. Through the columns of my newspaper I have for years been advocating the repeal of the law authorizing the fee system, and if I should be chosen for governor the abolition of the system will most certainly be made a part of my program.

Arthur Capper

DAIN SIDE DELIVERY RAKE



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And the hay is evenly dried by the warm air. All the rich colors and natural color are preserved. If you will hay, get the highest price that hay can command when it comes to the market. If you find your hay, get the benefit of the increased feeding value to your stock.

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The rakes have a slow, steady motion. The gentle sweeping of the hay over the rollers before it comes to the cutting blades, are not fastened of and worn.

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They cut evenly in the swath. Tabled hay falls back on the damp ground. The Dain Side Delivery Rake leaves open windows and exposes the damp stubble so that it dries out and comes up. This reflected heat helps cure the hay more quickly. In "country" weather, quick curing is of greatest importance.

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Many farmers have paid for their land out of the proceeds of the crop of 1911.

At exhibitions throughout the U. S. wherever the grain from this Province has been shown it has received the highest commendation.

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Write us to best place for settlement, settlers' low railway rates, pamphlet "Let's Best West," and other information, to Supt. of Immigration, Ottawa, Can., or to Can. Gov. Agt.

Canadian Government Agent
125 W. 9th St. Kansas City, Mo.

JAYHAWKER FARM DOIN'S

BY H. C. HATCH, GRIDLEY, KANSAS.

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

Oat sowing time is past and flax sowing time is here, but today, April 1, there is no sign of sowing anything for at least a week and perhaps longer. It is so late we shall sow no oats this year.

Both here and in Nebraska, if spring sown grain is not in early it will shoot up and grow fast but will not stool and rarely fills out. The cutting-time of late sown grain is not later than if it were sown early. It seems as if all small grain is better for a little frost and cold weather when small.

We see the experts are already advising that we "conserve" this moisture that we now have with us. So far as we are concerned, we have thousands of gallons that we should like to see conserved off down the creek, so we could get to work in the fields. To talk of conserving moisture now to an eastern-Kansas man is likely to start a fuss.

Hog prices are moving up in a way that seems good to the man who still has some for sale. It appears that hogs are getting scarce and as beef is scarcer it is going to take money to buy meat this year. We are sure of one thing, however, it has taken money to make this meat.

Never since the country has been settled has it cost so much to carry cattle through a year as it has during the last 12 months. Pasture is costing about \$6 per head for the summer now and there is hardly any computation to be made as to the cost of wintering. Even straw is selling for more than good hay used to bring. If the city folks who kick on high priced meat think the grower is making easy money they do not think right.

In the western part of Kansas and Nebraska the cost of wintering cattle has been close to their actual value. Where hay brings \$20 per ton it doesn't take an old cow long to eat up her value. Had the winter been open stock in those sections would have lived well on the range, but when the range is covered from December until April with more than a foot of snow the prairie grass can furnish nothing. It is a case of "so near and yet so far." Down only a foot is plenty of feed, yet for all practical purposes it might as well have been in China. This winter, following as it did such a summer as that of 1911, is injury added to injury.

But in spite of the mud, of short feed and the late spring we might as well quit growling. It is natural to growl at such conditions and if growling was ever justified it is now but we try to remember that May 1 is close at hand and that date ought to mean green grass for the whole of Kansas. A few warm days can make a wonderful change at this time of the year and perhaps by the time this is read the weather will be such that we shall all have partly forgotten the miserable month of March.

In years gone by we have often heard folks say that the northern winters were really no harder on stock and people than those of Kansas. They said that in the North the air was dry, and the cold, while intense, was not felt. Having lived for years only half a mile from the Canada line we had our own idea as to the truth of this theory. This winter we have not heard this "fine cold winter" exploited so much as usual and do not expect to for a year or so. We started in life on the Canada line and have been gradually working south. If we ever make another move it will be still farther south.

What we have to say about the silo isn't hot air nor is it calculated to help out the manufacturers of silos. It is based on what we have seen this winter among our neighbors who have silos. Within a radius of 10 miles or so there are 25 such neighbors. The silo is a great success in preserving feed. In no other way can feed be made so cheaply or so good. This is the actual truth. Should hay prices remain within 50 per cent of their present altitude we shall expect the number of silos to increase by perhaps 40 per cent over their present number.

There is one drawback to the stave silo in the West. It is hard to keep standing for the first two years at least, during the summer. When dry weather comes the staves dry fast and soon the silo is in the condition of a barrel with loose hoops. It does not seem to us that the makers furnish guy wires enough nor do they make them long enough. Too many of them just clear the silo, which makes too much of a straight down pull and not enough bracing. We have been told that after the silo has been up two years there is not so much shrink and loosening of the hoops. So far as we can see this liability to dry out and blow down is the only drawback there is to the stave silo.

In the East the silos are all in the barns. Nearly every farmer in that part of Vermont where we lived had a silo but you would never know it by driving through the country. We never saw an outdoor silo in the whole state although there may be some. We cannot have barns here big enough to hold the silos and we hardly think it would be advisable to build them so. But the silo may in most cases be built at the end of a barn where it may be stayed to the building and so be kept from falling. If two silos are put up they can be joined together by a feedway which braces them in good shape. The cement silo, of course, would not blow down as the stave silo might, but we know nothing about them as there are only stave silos in this section.

This has been a bad winter for automobiles and it bids fair to be about as ill a spring. But if we have to keep the machine in the shed we can put in some time studying some of the questions relating to expense and upkeep and this is what we have been doing this winter. The great expense of running an auto is keeping the tires in condition. We had thought that perhaps some of the various substitutes might be used, but after studying the matter all winter we have come to the conclusion there is nothing cheaper and nothing better, or as good for the machine and passengers as the present pneumatic tire. The solid tire rides hard, costs much more and, strange to say, lasts but little longer. This may seem hardly probable, but our investigations have shown us that it is near the truth.


A number of manufacturers are making a substance to pour into the casing where it hardens after a day or so, making a sort of solid tire out of it but still not quite so hard as the solid tire. This stuff, when dried out, somewhat resembles the composition that the old fashioned printer's roller is made of although it is harder. We have heard of three autos in which this substance has been used in the tires for almost a year. In one case it has given satisfaction but in the other cases, where the machines were not jacked up off the floor when not in use, the tires have become flattened, and the machine is just about as nice to ride in as a street car with a flat wheel. The car in which the tires did not flatten was kept up off the ground when not in use. The cost of filling is more than the cost of new tires and we cannot see why they should last any longer than the casings would without the filling. In that case there would be more cost, for the makers of this substance do not recommend that it be put in anything but new tires. Here then, is double cost, for the filling of the pneumatic casing costs nothing but elbow grease. We shall stick to the present pneumatic tire until we find something that promises better than anything we have yet come across.

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For the prevention and eradication of sheep scab Dr. Hess Dip and Disinfectant is recognized as the most effective. It meets the requirements of the U. S. Government as an official Dip for sheep scab and its strength is always uniform. One gallon Dip makes from 50 to 100 gallons effective solution. It destroys parasites of all kinds and keeps the skin clean and smooth.

This is the most popular dip for sheep, hogs, steers, cattle. It also cures mange on dogs—purifies stables, barns, troughs, sinks, etc.

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Poor Seed in Anderson County

A CORN TEST OF 65.

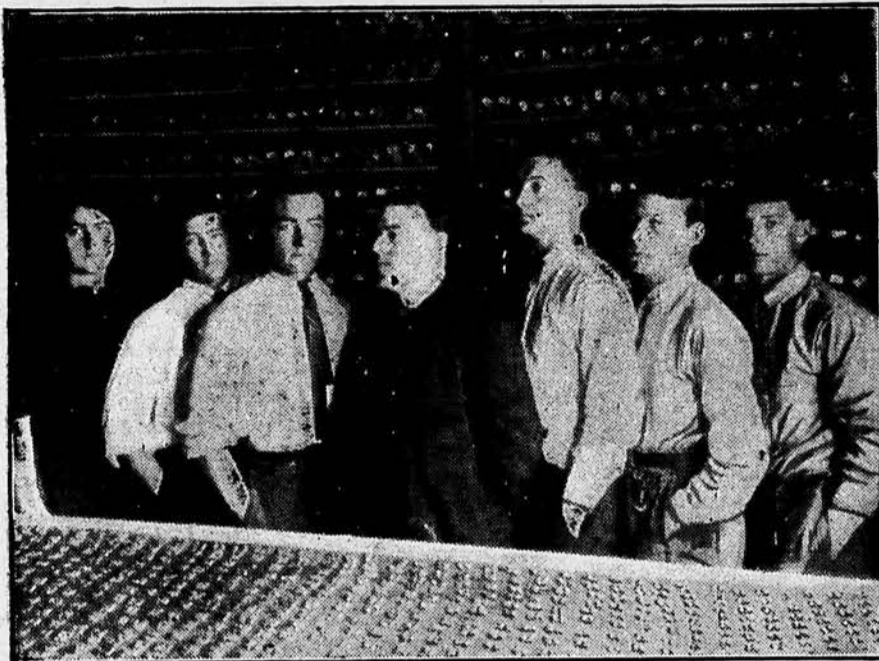
The farmers in the vicinity of Kincaid, Anderson county, are taking advantage of the invitation of Prof. J. T. Hunter, superintendent of the public schools of that place, to bring in their seed corn for testing. Up to date some 25 farmers have brought in corn and about 75 bushels have been tested. The cut shows Prof. Hunter and a part of the class in agriculture at the taking off of the test on Wednesday, March 27. Tests already made show that the

or 3 hours. Two large quinine capsules were then given an hour apart and in 12 hours a third was given. This treatment was found to be effective after experimenting for some time.
Kiowa, Kan. J. W. Lyon.

Getting Corn Ground Ready

BY E. G. SCHAFER,
Kansas Agricultural College.

Mr. Editor—Early cultivation of the corn land will conserve moisture and make summer cultivation easier. In some parts of the eastern section of the



STUDENTS OF KINCAID HIGH SCHOOL TESTING SEED CORN FOR THE FARMERS OF ANDERSON COUNTY.

corn submitted is running about 65 per cent good. This indicates that no corn should be planted without making a thorough test.

Anderson county is in southeastern Kansas where it might be presumed corn would be found viable if anywhere in the state. The very poor showing demonstrates the uncertainty of the seed corn situation generally.

Saved Horses With Blind Stagers.

Mr. Editor—I want to tell you of a treatment that has cured four horses of blind staggers in this county: First, a dose of epsom salts was given, then the head was bathed between the ears with turpentine. About 15 pounds of broken ice was then put in a sack and tied on top of the horse's head for 2

state the best way to prepare land for corn is by plowing, even though the corn is to be planted with a lister. Where there is not sufficient time to plow the land and it is the purpose of the farmer to list his corn, early disking is a common and good practice. As soon as the land is sufficiently dry, cultivation with the disc should commence. The loose mulch left by the disc will conserve moisture, and the cultivation will liberate plant food. This early disking will cover weed seeds and start them to grow. They may then be destroyed by a later disking. It is a good plan to disc the corn land early and continue working the land till planting time.

Did Serum Make a Difference?

AN INTERESTING QUESTION.

Mr. Editor—I find from my records that all sows carrying litters when vaccinated got with pig at the first service, while out of 38 sows open at the time of vaccination only five were with pig from first service while seven had to be bred the third time and a few are not yet with pig. I had cholera and used the single vaccination. Only two of the sows I saved showed cholera. Others may have had it but if so it was too light a form to notice it. I should like to know if others have had any experiences like this. G. C. N.
Winfield, Kan.

Dr. Schoenleber's Answer.

Vaccination should have no effect whatever upon the breeding qualities of hogs. Once in a while we have a loss of pigs before time, due to the handling of the animals. At times where the animals are very susceptible and we give a heavy dose of virulent blood in the simultaneous method, we also have a few cases of abortion. But outside of these troubles there should be no reason to suspect vaccination to interfere with their breeding. It is possible that the male may be at fault, as once in a while the heavy vaccination interferes with his breeding for a few weeks. F. S. Schoenleber.
Kansas Agricultural College.

What About Two-Horse Weeders?

Mr. Editor—I would like to ask if any readers of Farmers Mail and Breeze have had experience with 2-horse weeders. Would like to know what they think of them if they will give their experiences through the paper. Eads, Colo. C. O. B.



More Money's-Worth

We have not allowed ourselves to be stampeded by the prevailing tendency among automobile makers to skimp on materials and workmanship in order to undersell. We have gone to the other extreme—giving more than was ever offered before in a car of medium price.

Valuable Special Features

Fore-door ventilation—36x4-inch tires—120-inch wheel base—three-quarter elliptic springs—11-inch clearance—4 1/2 x 5 1/2-inch cylinders—Rayfield carburetor—dual ignition—Brown-Lipe transmission—Timken full-floating axles—cellular type radiator—regulation trimmings—demountable rims—English mohair top with side curtains and dust hood—self-starter—high-grade wind-

shield—12-inch acetylene gas head lamps—special design combination electric and oil side and tail lamps—storage battery for the electric lighting side and tail lamps—Prest-O-Lite tank for head lamps—one extra demountable rim—complete set of tools—jack and tire-repair kit—pump.

There is absolutely nothing lacking in this latest and greatest Case creation.

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CASE 40

The Greater Case has all the elegance, luxury, style and easy-riding qualities of the highest-priced cars. It is big all over—big body—big tires—big wheel base—big springs—big value. With its straight line body, rich finish, upholstery and trimmings, fine appointments and snappy style, it attracts attention everywhere.

It took 18 years to perfect the great engine for which these cars are famous. Eighteen years of designing, refining, improving and simplifying, until perfection was reached. The result is an engine so silent and powerful that it stands in a class by itself.

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J. I. CASE T. M. COMPANY, Inc., Dept. 44, Racine, Wis.

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I want 10 men or more in every township to write me quick for a special offer on the sized engine they need. When you get this offer you'll buy. I make it practically irresistible. Then everybody in your neighborhood will know the truth about Galloway—his quality and savings—and all will understand the foolish tales the dealer tells in order to get his big price and personal profit.



10 OR MORE MEN

Write Now to Galloway

You'll soon see the reason for the really funny things that dealers say of Galloway—"Galloway has no factory"—"Galloway's pretty near broke"—"Galloway's stuff is poor quality"—those are a few of their stories. But I'm going to call their bluff and make such prices to 10 or more men in every township that will bring the orders and show up the dealers' "jokes" in their true light. In the meantime I'm getting hundreds of letters like this: A. L. Westphal, St. Francis, Minn., writes: Last winter I investigated 5 or 6 different engines on the market, but I bought the Galloway, and I am very well satisfied with it. I have saved at least \$100.00 on it.

Write quick for Big Engine Catalog and special prices. I'll also send my fine new General Line Catalog in five colors.

Wm. GALLOWAY, President
THE WM. GALLOWAY CO., 205 A J Galloway Station, WATERLOO, IA.



**A Tempting Treat—
Post Toasties**

with cream

Crisp, fluffy bits of white Indian corn; cooked, rolled into flakes and toasted to a golden brown.

Ready to serve direct from the package.

Delightful flavour!

Thoroughly wholesome!

"The Memory Lingers"

Sold by Grocers.

Postum Cereal Company, Limited
Battle Creek, Michigan

Feeds & Feeding

QUESTIONS ANSWERED
by Prof. G. C. Wheeler
(Address queries to Farmers Mail and Breeze)

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

Making Pork at a Loss.

Since February 17 I have been feeding 12 fall pigs a slop consisting of tankage, oilmeal, shorts, milk, kitchen slop, and what corn they would clean up. On February 27 the bunch weighed 1,350 pounds and on March 9 they weighed 1,542. During that time I fed them 15 1/2 bushels of corn, 84 pounds of shorts, 63 pounds of tankage, 26 1/2 pounds of oilmeal. Figuring corn at \$2 cents, shorts \$1.50 per 100 pounds, tankage \$2.50, oilmeal \$2.50, and with hogs at present prices I lost \$1.50 during these 21 days. These were good, thrifty pigs always on their feed and we had good dry quarters for them to sleep in. But we had some cold weather and two heavy snow storms during this period and on nice days the pigs were out in the snow a good deal, having a 3-acre lot to run in. Would these pigs have made better gains if closely confined and in what way could I have changed their ration to have produced cheaper gains? I figure that the gain cost me .0678 cents per pound.—S. F. H., Hawatha, Kan.

It seems to me this bunch of shoats has not gained as rapidly as it should with the ration it has been receiving. The oilmeal had best be left out, since the protein required to balance the ration can be more cheaply obtained in the tankage. A combination of corn shorts in tankage would be the best to feed.

The most economical combination of these feeds ever tested here at the Manhattan Experiment station was one in which these feeds were combined as follows: Corn chop, 62 per cent; shorts, 20 per cent; tankage, 8 per cent. The shoats under test weighed about 125 pounds at the beginning and were fed 60 days. The increase in weight was made at the rate of 372 pounds of feed to the 100 pounds of increase. At the prices you quote this amount of feed will cost about \$5. In the same test another lot was fed ground Kafir in the place of corn chop in the same proportion, the gain being made at the rate of 356 pounds of feed to the 100 pounds of gain. This was rather unusual, however, as Kafir meal has usually been shown to be somewhat inferior to corn for feeding purposes. In a previous experiment a combination of 70 per cent corn, 25 per cent shorts and 5 per cent

TOO MUCH STARCH A Food Problem.

An Asheville man tells how right food did that which medicines had failed to accomplish.

"For more than 15 years," he says, "I was afflicted with stomach trouble and intestinal indigestion, gas forming in stomach and bowels and giving me great distress. These conditions were undoubtedly due to the starchy food I ate, white bread, potatoes, etc., and didn't digest. I grew worse with time, till 2 years ago, I had an attack which the doctor diagnosed as appendicitis. When the surgeon operated on me, however, it was found that my trouble was ulcer of the pancreas, instead of appendicitis.

"Since that time I have had several such attacks, suffering greatly. The last attack was about 3 months ago, and I endured untold agonies.

"The doctor then said that I would have to eat less starchy stuff, so I began the use of Grape-Nuts food for I knew it to be pre-digested, and have continued same with most gratifying results. It has built me up wonderfully. I gained 10 pounds in the first 8 weeks that I used Grape-Nuts; my general health is better than ever before, my brain is clearer and my nerves stronger.

"For breakfast and dinner each, I take 4 teaspoonfuls of Grape-Nuts with cream, a small slice of dry toast, an egg soft boiled and a cup of Postum; and I make the evening meal on Grape-Nuts and cream alone—this gives me a good night's rest. I am well again." Name given by Postum Co., Battle Creek, Mich.

"There's a reason." Read the little book, "The Road to Wellville," in pkgs. Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.

tankage was used, the shoats being about the same weight and feed for the same period. The gains in this case were made at the rate of 371 pounds of feed per 100 pounds of gain. In this case the shoats gained at the rate of 2 pounds per day during the test. This is an extremely large gain to make and all conditions must be very favorable to secure such results.

A long series of experiments made at the Wisconsin Experiment station show that a saving of about 8 per cent was made by grinding corn for hogs. With the present prices of corn this amount of saving would warrant grinding it into chop unless this should cost you to exceed 4 cents per bushel.

I suggest that you make arrangements to feed rations based on these combinations that I have given you, mixing it up before feeding and giving to the hogs at each feeding in a wet form, as much of the mixture as they will clean up with a relish. Clean water should be supplied and every condition made as favorable as possible. It would be a good plan to prepare a tonic mixture using the formula given below and keep it before the hogs.

- Wood charcoal 1 lb.
- Sulphur 1 lb.
- Common salt 2 lbs.
- Sodium bicarbonate 2 lbs.
- Sodium hyposulphite 2 lbs.
- Sodium sulfate 1 lb.
- Antimony sulfid 1 lb.

The government hog remedy as it is called is a most excellent one to keep on hand at all times. It can be kept in a box easy of access, so that the hogs of all ages can get to it at will.

When feeding on such close margins as is necessary at the present time the skill and watchfulness of the feeder is bound to be a very important factor in the securing of profitable results.

G. C. Wheeler.

Early Rations for Pigs.

Would it be possible to use ground Kafir and tankage in place of shorts for little pigs? Shorts are about \$1.50 per 100 pounds and not very good at that.—F. B. F., Peabody, Kan.

In order that you may be able to make some comparisons between these different feeds I will give you a table showing the percentage composition in each:

	Mineral	Crude	Fiber,	Nitrogen	free	extract.	Fat
	matter.	protein.		free			
Shorts ...	4.4	16.9	6.2	56.2	5.1		
Kafir ...	1.6	11.2	2.7	71.5	3.1		
Tankage ...	15.9	53.9	5.8	5.6	11.8		

You will notice that Kafir is quite deficient in mineral matter which is quite important in pig feeding, but that it contains large amounts of the nitrogen free extract or starchy matter. The tankage being rather high in mineral matter will easily overcome this deficiency, and if alfalfa pasture or some other pasture is available considerable mineral matter will be secured through the grazing. A combination of 9 parts of Kafir meal and 1 part of tankage will give a nutritive ratio of 1:4.76. For the first two or three months of the pig's life, this is about the correct ratio between protein and the carbonaceous nutrients of the ratio. The Kafir should be ground as fine as possible if used in this way.

Raising Calves Without Milk.

Is it possible to feed young calves a ration that would not require milk and would it be practical? What feeds would accomplish this?—B. F. S., Logan, Kan.

It is hardly possible to feed calves wholly without milk. It is true that some experiments have been conducted in which tea was made by boiling down clover, alfalfa and mixed hays, and the calves successfully raised off this were 30 days old. It was necessary to add to this, however, some flaxseed jelly and wheat middlings. I should not advise you to try to raise calves without some milk.

Cotton Cake and Blindness.


We hear a great deal about cattle going blind that have been fed too much cotton cake. Is this true and is there any remedy for it? I have been feeding it heavily?—Reader, Deerfield, Kan.

I hardly think it likely that you have fed large enough quantities of the cottonseed cake to produce any bad results. Feeding such quantities as 8 or 10 pounds daily per animal for three or four months, however, does often produce blindness in cattle. You have probably been using it as a maintenance ration and I assume you have not at any time fed to exceed 3 or 4 pounds daily per head. There is no remedy for the difficulty except change of feed.

G. C. Wheeler.

Let Me Prove That Spraying Merry War Powdered Lye Kills Insects and Pests

Most Effective Spray Mixture Known For Orchard, Garden or Poultry House — Will Not Injure Vegetation.



E. Myers, President, E. Myers Lye Company

This claim which I make for Merry War Powdered Lye as a spray may be a new thought to you, but I know whereof I speak, because I speak from a lifetime of experience, making test after test. I want to say to you Mr. Farmer, that if you want to get the most out of your orchard and garden you owe it to yourself to at once carefully investigate and prove to your own complete satisfaction that Merry War Powdered Lye will exterminate bugs, insects, scale or pests which take the profits from your pocket and that, unlike Paris Green and other spray mixtures, will not scorch the foliage or poison or dwarf the yield. Moreover, the drippings act as a fertilizer, enriching the soil—increasing the yield.

You can have absolute proof of this. First, read about the experience of another in the letter printed below—then go to your local dealer and purchase a few cans of Merry War Powdered Lye and give it a common-sense trial. Accept no substitute, if you want results.

Read This Convincing Letter!

Vale Summit, Md.

Dear Sirs:—

I have given Merry War Powdered Lye a thorough test in removing San Jose Scale and have the most beneficial results. My orchard is now in fine, healthy condition as is my rose garden also. *James Barber.*

Follow Directions Carefully

Cut Them Out and Save For Reference

Every farmer knows that it is one constant battle to keep the pests down—and the trouble with most spray mixtures is that they cannot be used strong enough or often enough to keep down the pests without injury to the vegetation.

If you would have the largest possible yield, give as much time as possible to intelligent spraying of orchard and garden with Merry War Powdered Lye.

A potato patch sprayed weekly with Merry War Powdered Lye will yield an immense crop. Try it.

You can use Merry War Powdered Lye spray mixture as often as is necessary to keep the pests down without fear of injury to vegetation—in fact the more droppings of this spray mixture there are around the roots, the richer the soil, the larger the yields will be.

One can of Merry War Powdered Lye to 15 gallons of water makes a most effective mixture for most spraying purposes in orchard or garden.

Used frequently during the winter and early spring months, this solution will prevent or destroy San Jose Scale.

To exterminate Borers, make a solution of one can Merry War Powdered Lye to 10 gallons of water. Apply plentifully with a brush around the mouths of the burrows so that it will trickle down into the burrows.


Unequaled in Poultry House

The most effective wash or spray for nests, roosts and houses is made from three teaspoonful of Merry War Powdered Lye in one gallon of water—it's death to lice, mites and vermin.

You can use a solution of one teaspoonful of Merry War Powdered Lye in one gallon of water on bodies of lice infested fowls without injury to skin or plumage.

IMPORTANT WARNING If you want the very best results do not make the mistake of thinking that any ordinary commercial lye will produce the results claimed for Merry War Powdered Lye. Insist on your dealer supplying the genuine—and accept no substitute.


At All Leading Dealers Merry War Powdered Lye comes in 10c cans, full case of 4 dozen cans for \$4.80, at Grocers, Druggists or Feed Dealers Everywhere. If your dealer can't supply you, write us, giving your dealer's name and we will see that you are supplied, and will also send you free, a valuable booklet *How Merry War Powdered Lye Adds To The Farmer's Profits.*



Crops Sprayed with Merry War Powdered Lye

E. Myers Lye Co.
Dept. 10
St. Louis, Mo.

Which Kind Of a Crop Do You Want?



Without

EARN \$50

When You Buy a Manure Spreader



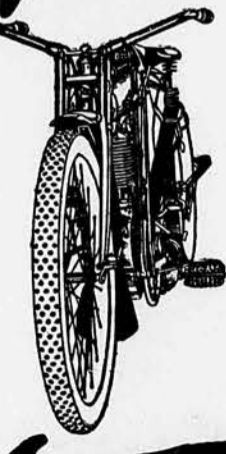
Fred Hansen of Tremonton, Utah, writes: My neighbor borrowed my Galloway spreader to try against his neighbor's new spreader which cost \$50 more, but he sent you his order. Get your spreader direct from Galloway's Great Factory at factory price and make the middlemen's commission yourself. No easier way to make money—no such sure way of getting quality. I'll quote out a price \$20 to \$30 below the dealer, according to quality, style and capacity. I give you a free trial, a binding, personally signed guarantee, longer and stronger than anybody. Prices from \$39.50 Up.



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Is saving hundreds of thousands of dollars for his customers every year—the proof is yours for the asking. Why not save your share now on one of these Great Galloway Spreaders No. 5 with Mandi's New Gear. No spreader at any price any where can touch it. Write for Big, Free Catalog at once and the prices that make dealers tell foolish tales about Galloway. You'll also get Galloway's new book—"A Streak of Gold"—most valuable book on manure published.

Wm. Galloway, Pres., THE WM. GALLOWAY COMPANY
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Ride and Sell the Yale



Every prosperous agricultural district offers big opportunities for Yale owners to act as our agents. Write today for our liberal proposition.

1912-The Year of the Yale-1912

Always a leader, the Yale today is especially prominent by reason of the fact that it has the maximum number of real 1912 improvements. Some of these may be had on the Yale only; no other motorcycle can give you all of them.

Study the Yale's Long List of Good Things

More drop forgings than any other motorcycle; the Y-A Shock Absorber "that Absorbs the Shock;" 2 1/2-inch Studded Tires, Auto Fender Mud Guards, Eclipse Free Engine Clutch, Full High Forks, Eccentric Yoke, Triple Anchored Handle Bars, Muffler Cut-Out, comfortable saddle position and Mechanical Oiler on Twins.

Yale 1912 literature, describing the four new Yale models:—4 H. P. to 7 H. P. Twin is ready—ask for it.

THE CONSOLIDATED MFG. CO.
1761 Fernwood Ave., TOLEDO, OHIO

Rape As a Pasture Crop

A DISCUSSION.

Mr. Editor—Rape alone for close planting may be seeded broadcast and harrowed in or seeded with a small grain drill. This method will require from 3 to 5 pounds of good seed to the acre. Another method is to plant in rows and cultivate. This is the only method advised in western and southwestern Kansas, and can be used to advantage in all of the state. As a general rule cultivation will give the best and the largest crops and will enable the farmer to grow the crop with greater certainty in the western part of the state. Cultivation should begin as soon as the rows can be followed and be kept up even after pasturing commences. Planting can be done in rows with a corn planter equipped with special plates or a garden planter may be used.

Where a spring combination for pasture is desired it is possible to use oats or barley and rape. Some growers seed winter rye and rape in the spring and state that no better pasture can be desired. Enough seed for almost a full stand of the grains should be used and then 2 or 3 pounds of rape per acre added.

The seedbed should be moist and mellow, and in a high state of cultivation. A shallow surface mulch and a firm under seedbed should be the object in preparing ground for the crop. If the land has not been fall plowed the spring plowing or disking ought not to be more than 2 1/2 or 3 inches deep. For fall planting early summer plowing and

clean, frequent, summer tillage is most successful.

In the western part of the state, where irrigation is possible, rape or rape with the small grains for pasture offers an opportunity to save much hay and fodder. Rape pasture may cause bloating in cattle when pastured while wet. When these crops are covered with frost, animals should not be allowed to pasture on them.

Rape is one of the best annual forage crops for temporary spring and fall pasture. The leaves are very rank and very succulent and tender. From 10 to 50 cents will buy enough seed for an acre. The crop does not grow much until warm spring days come, but should nevertheless be sown early to get its best growth. Rape will not give satisfaction as a pasture when the midsummer weather is hot and dry, but it may be sown late in August for fall pasture.

A. H. Leidigh.

Kansas Agricultural college, Manhattan.

Beats All Other Hog Pasture.

[Prize Letter.]

Mr. Editor—I have grown rape several seasons and it certainly is worth while. Two years ago I sowed 2 acres to rape and this patch was worth any 4 acres on the place. Work the ground thoroughly and broadcast 4 to 5 pounds of seed per acre, harrowing it in. The seed is cheap so don't be stingy with it. If the weather is favorable you can turn hogs onto it four or five weeks and it will furnish pasture until frost. It can be sown almost any time from April until the middle of July. The 2 acres mentioned were sown about the middle of May and grew so rank that the hogs could not keep up with it. I then turned the sheep in to trim it down. During the dry part of summer it was at a standstill for a time but when the early fall rains came it started off growing as lively as ever. When eaten off it immediately sends up new shoots and keeps renewing itself. Hogs do well on it and sheep are even more fond of it but they should not be turned in while the dew is on or they may bloat. I don't know of any forage plant that will furnish as much good, wholesome pasture for hogs as a patch of Dwarf Essex rape. Labette, Kan. E. L. Rainey.

Good Where Pasture is Limited.

[Prize Letter.]

Mr. Editor—In April 1911 I sowed 2 acres in oats and rape for hog pasture. I plowed and harrowed the ground, then sowed 2 bushels of oats per acre and disked them in. I then sowed 5 pounds of rape seed per acre and covered it with the harrow. In June I turned the cows in to get the oats but on account of dry weather it did not furnish much pasture. Then the rape came on and I turned in 15 head of spring pigs that pastured on it until October. Where pasture is limited I think rape is one of the best crops to grow as it will stand so much rough treatment after getting started. I fed the pigs about half a ration of corn and I believe they did as well as if they had been on a whole ration. W. A. Miller. Elmont, Kan.

Don't Pasture When Too Small.

Mr. Editor—When the young plants have roots strong enough so they will not come up when the leaves are pulled off it is time to turn in the hogs. If turned in before this they will ruin the stand. I can get more good hog pasture from rape than anything else I have tried. It will not dry up in July and August. Every shower brings out new leaves that are fresh and tender. F. P. Jennings. Weatherford, Okla.

SPECIAL SUBSCRIPTION BARGAIN.

The Farmers Mail and Breeze Until July 1, 1912, for Only 10 Cents.

This is a special subscription offer made to interest new readers in Farmers Mail and Breeze. Send 10 cents in stamps and get the big farm paper every week from the time your order reaches us until July 1, next. Regular price \$1.00 per year. Tell your friends about this special subscription offer. If you send in a list of four, with a remittance of 40 cents, we will give you your own subscription for your trouble. Send at once and get the full benefit of this special low offer.



Hupmobile Long-Stroke "32" Touring Car, \$900

F. O. B. Detroit. Including equipment of windshield, gas lamps and generator, oil lamps, tools and horn. Three speeds forward and reverse; sliding gears. Four cylinder motor, 3 1/2-inch bore and 5 1/2-inch stroke. Bosch magneto, 106-inch wheel base, 32 x 3 1/2-inch tires. Color, Standard Hupmobile Blue. Roadster, \$900.

Two cars whose name is your guarantee

We refer to the two leading Hupmobiles—the Long-Stroke "32" Touring Car, and the Standard 20 H. P. Runabout.

Both the product of the same engineering skill and the same shop organization that originated the Hupmobile.

Both incorporating elements of value not found elsewhere at the price or near it.

Each the sign and symbol of the highest and best construction of its particular type.

The Long-Stroke "32," with its cylinders cast in one piece, its three bearing crank shaft, its enclosed valves—a motor of extraordinary pulling power and sturdiness and absolute silence, perfectly dust- and oil-tight.

Multiple disc clutch, 13 inches in diameter.

Three-speed transmission, large enough for a 40 H. P. car.

Each a feature for the equal of which you must go beyond Hupmobile price.

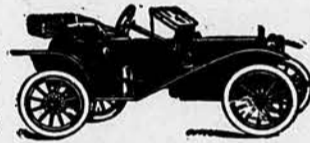
And a full floating rear axle of especially strong construction.

Fifteen thousand owners, the world over, testify to the worth and serviceability, the staunchness and durability, of the Runabout.

It, too, has a unit power plant; multiple disc clutch; and sliding gear transmission.

All the power you will ever need or want and to spare.

If you are in the market for a touring car around \$900, or a two passenger car, around \$750, get in touch with the Hupmobile dealer.



Standard 20 H. P. Runabout, \$750

F. O. B. Detroit, with same power plant that took the world touring car around the world—four cylinders, 20 H. P., sliding gears, Bosch magneto. Equipped with top, windshield, gas lamps and generator, oil lamps, tools and horn. Roadster with 110-inch wheel base and highly finished steel box mounted on rear deck, \$550.

He will show you the actual value in these cars; the value that sets them above other cars of their prices.

Write for complete catalog.

Hupp Motor Car Co., 1287 Jefferson Ave., Detroit, Mich.

Trinidad Lake asphalt
Asphalt-saturated wool felt
Trinidad Lake asphalt

Avoid roofings that crack like old shoes, because—the oils of their pores dry-out after short exposure to sun and air, and leave the roofing lifeless and leaky. Get the permanent roofing—

Genasco
THE TRINIDAD LAKE ASPHALT
Ready Roofing

The natural oils of Trinidad Lake asphalt are lastingly stored in it. That's the difference between natural and artificial.

They keep Genasco pliable—always ready to resist every condition of weather that attacks it.

Put Genasco on the roof of all your farm-buildings, and forget it.

Mineral or smooth surface. Several weights. In handy rolls. Ready to lay—and easily done by anyone. Ask your dealer for Genasco. Write us for the helpful Good Roof Guide Book and sample—free.

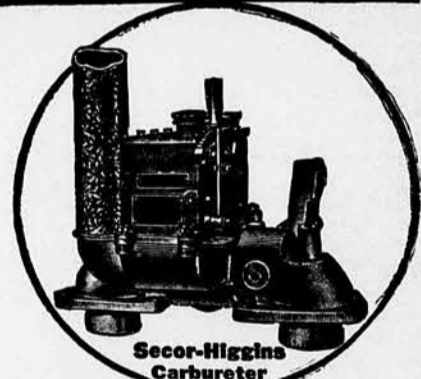


The Kant-leak Kleet, for smooth-surface roofings, makes seams watertight without cement, and prevents nail-leaks.

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Largest producers of asphalt, and largest manufacturers of ready roofing in the world.
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The ONLY Tractor That Successfully Burns Kerosene At All Loads—All Speeds

NO ONE questions the advantages of kerosene over gasoline as a tractor fuel. Safety, cheapness, and the fact that you can get it anywhere put it far in the lead. The one great problem is to find the tractor that can use it—and the answer is the Rumely Tractor.



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The efficiency of the Secor-Higgins Carburetor makes the Rumely the most economical—the most dependable—of all tractors. This carburetor mixes air and kerosene automatically. The Secor-Higgins system adjusts the power to the load INSTANTLY. It feeds a heavy charge into the cylinder when the pull on the belt or drawbar requires it. And the instant the work becomes easier, the charges of kerosene become lighter.

The proportions of kerosene and air are varied in exact harmony with each change of load. That means clean, complete combustion of kerosene under all conditions—hot or cold, damp or dry, heavy load or light, fast or slow.

That means you spend no money for waste fuel—that you have no smoke and no annoyance from fouled cylinders. And every gallon of kerosene you use nets you a saving of one-third to two-thirds over gasoline.

Kerosene The Only Fuel Used

The Rumely is positively the only Tractor that will burn kerosene successfully at all loads, under all conditions. Every day is using kerosene, distillate, or something even cheaper as fuel. And every day everywhere is giving plenty of power for all kinds of traction work—steady, reliable, economical power for belt work.

Don't expect such service from any other tractor. You won't get it. The Secor-Higgins system is patented and can be had only on the Rumely Tractor.

Write! Learn all about the only tractor that always makes successful use of kerosene. Remember that the Rumely is built in Sizes to Meet Your Power Needs. At Prices to Suit Your Pocket Book. Learn about every feature of the Rumely system and how it means dollars to you. Write us a postal NOW for the complete catalog. Address

M. RUMELY COMPANY, 5842 Main St., La Porte, Indiana.

New Ideas in Barn Building

A Description of Missouri's Model Dairy

In describing the features of Missouri's new dairy barn for the readers of Farmers Mail and Breeze Prof. Eckles says, "We have no idea this barn can be duplicated on every farm but we hope it will furnish ideas and suggestions to the farmer who intends to build or remodel a barn."—Editor's Note.

BY C. H. ECKLES, MISSOURI AGRICULTURAL COLLEGE.

[Written for Farmers Mail and Breeze.]

This barn was planned with the idea in mind of making a thoroughly practical barn, and at the same time including all the features that are necessary to maintain best sanitary conditions. We did not start out with the idea of constructing a barn that could be duplicated on every farm. We did try to plan the barn so that any farmer who wishes to build, or to remodel a barn, can get ideas and suggestions in modern barn construction.

The main part of the barn is 84 by 45 feet and has two stories. The loft has a capacity of about 70 tons of baled hay or straw, with ample bins for storing grain and mill feeds. The cow stable is in the form of a wing one story in height. The object in extending the cow stable to the center of the two-story part was a matter of economy.

The barn has a stone wall extending up to the bottom of the windows to harmonize with the other barns and buildings on the college grounds. As a matter of fact, this wall added greatly to the expense of the barn and little to its utility. A better construction would be a concrete foundation extending a foot or more above the ground. The entire barn has a granitoid floor. Special care was taken to get the slopes for drainage arranged in such a way that there would be no danger of the animals slipping. The floor was finished with a "float," which is a piece of wood in the form of a trowel. In this way a uniform, even surface is made, but at the same time it is rough enough to prevent slipping. A movable wooden platform is placed on the concrete in each cow stall so the animal stands and lies on wood and not on the cold concrete.

Stalls are provided for 58 cows. Five box stalls of ample size are arranged in the main portion of the barn, also four individual calf pens 4 by 7 feet, and one large calf pen 23 by 16 feet. The cow stalls are fitted throughout with steel stalls, and stanchions of the adjustable types. The gutter is 16 inches wide, 8 inches deep in front and 5 inches on the rear side.

The mangers are built of concrete in the continuous trough form. A drain is provided in the center and a water faucet at the end, making it possible to water the cows easily in the barn this way. The box stalls and calf pens are all of steel pipe construction and are giving the best of satisfaction. The larger calf pen has a concrete manger with a drain and stanchions for tying 13 calves.

The overhead track carrier is used for taking out the manure. The plan followed is to dump it directly into the manure spreader which stands under an open shed and it is hauled to the field daily. A cistern for the liquid manure will be constructed beside the shed for the manure spreader. Drains will connect the gutters to this cistern.

The milk room is on the west side of the barn and is provided with water and a drain. It is connected with the cow stable by a passageway provided with double doors. In the summer time these will be replaced by screen doors. The

milk is taken from the milk room by way of the outside door. The walls and ceilings of the barn are covered with sheathing in order to give a smooth surface upon which dust will not readily accumulate. The stone walls inside are plastered smooth with cement plaster.

An abundance of light is provided by windows on both sides of the stable giving 5 square feet of glass per animal. The windows are hinged at the bottom and have chain fasteners which allow them to tip in from the top when opened.

Ventilation is provided by the King system. The inlets will be seen along the outside at intervals of 12 feet. The foul air is taken out of the barn near the floor by four flues which pass under

is no grass and the young burs are just up both cattle and hogs will eat them. It is not the old bur which is poison as so many think; it is the green growth which contains a deadly poison. "In this neighborhood," writes Mr. Hatch to Farmers Mail and Breeze, "one farmer lost 12 head of young cattle in two days from cocklebur poisoning while many have lost hogs. We have heard it said that new warm milk will save pigs so poisoned if they are given at once all they will drink. It is a cheap remedy and one that is usually at hand, so it will be well worth trying in any case of cocklebur poisoning. But best of all, it is better to keep the stock out of the fields where the burs grow."

Dynamite the Buffalo Wallows

A READER'S ADVICE.

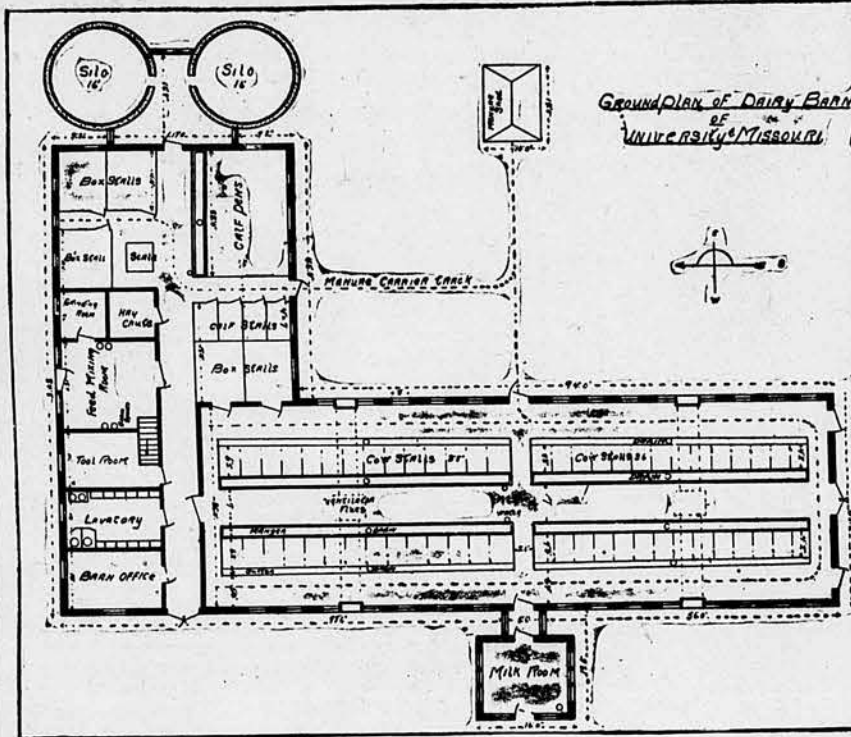
Mr. Editor—Over a large part of Kansas and many other western states the old buffalo wallows are still a nuisance in the fields. They hold water like a jug and after every rain they are bog holes until the water evaporates. To remedy this at a trifling cost drive a round steel bar into the center of the wallow, about 2 or 3 feet down. Attach a cap and fuse to a half stick of dynamite and lower it into the hole. Fill in with fine dirt and tamp lightly, then touch a match to the fuse. Your bog hole will be no more and you will grow better crops on that spot than in any other part of the field.

If you don't like to handle dynamite sink a hole with a post auger deep enough to reach soft earth and fill the hole with sand. I treated 240 acres this way in Barber county, Kansas and it worked like a charm. This land looked as though about a fourth of the surface was buffalo wallow. It was a hard, black soil about 3½ feet deep, although I dug some holes 5 feet before reaching soft earth. Dynamite is the cheaper way to do it and it makes a better job every way.

John W. DeGeer.
Nampa, Ida.

SIX SILVER NARCISSUS TEASPOONS FREE.

I have just consummated a most remarkable purchase whereby I secured at a ridiculously low figure 5,000 sets of beautiful Silver Narcissus Spoons made by the famous Oxford Silver Plate Company. Each spoon is extra heavy, full standard length, extra deep bowl and with beautifully embossed and engraved handles. I am going to give a set of these handsome spoons absolutely free, postage paid, to all who send just \$1.00 to pay for a year's subscription to my big farm weekly, The Farmers Mail and Breeze. Send your subscription order at once and secure a set of these beautiful and serviceable spoons. State whether you are new or old subscriber. Time will be extended one year if you are already paid in advance. Address Arthur Capper, Publisher Mail and Breeze, Topeka, Kan.



GROUND PLAN OF MISSOURI'S MODEL DAIRY BARN.

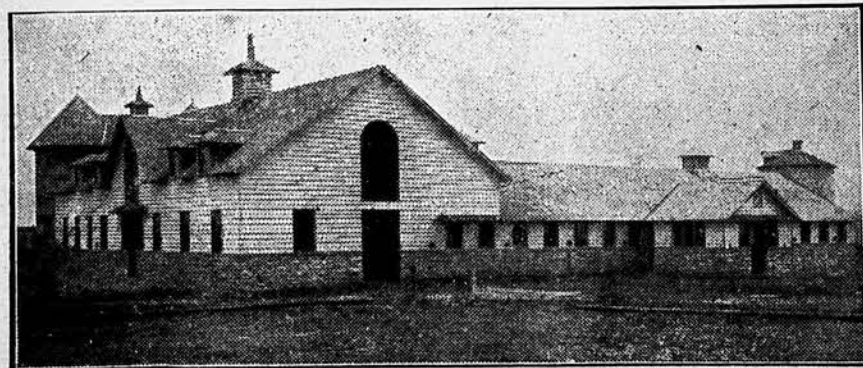
The 58 cow stalls are 3 feet 8 inches by 5 feet 2 inches. The gutter is 16 inches wide, 8 inches deep in front and 5 inches on the rear side. The four individual calf pens are 4 by 7 feet and the large calf pen 23 by 16.

the roof and have the outside openings in the cupola on the top.

The feed is stored in bins on the second story which is connected with the feed room below by spouts. The feeding is done entirely from trucks. Two concrete silos 16 by 34 feet are located at the end of the two-story structure. They are placed in that location rather than at the end of the one-story wing on account of greater convenience in filling, and since it leaves opportunity for the wing to be extended at any time if desirable.

Young Cockleburs Kill Stock

When the young cocklebur has made growth enough so that it can be eaten by hogs or cattle it is fatal to these animals and they should not be allowed to range where they can get even a single bite of it. After grass comes stock is not so likely to eat the burs but when there



NEW MODEL DAIRY BARN AT MISSOURI AGRICULTURAL COLLEGE.

Don't Waste It

WASTE WHAT? Money enough to pay your thresh bill. How? By employing the ordinary, indifferent thrasher to do your threshing.

Get the RED RIVER SPECIAL because it *Beats the Grain Out*. All others depend upon the grain dropping out while the straw is being rapidly drawn through the machine.

The RED RIVER SPECIAL *beats it out* just as you would do by hand with a pitchfork.

There is no other way to get it all. The RED RIVER SPECIAL is the only thrasher built which *beats it out*.

Too many machines put too much of your grain in the straw pile.

You can save it and use it to pay your thresh bill.

Hire a Red River Special

Write us for the proof.
Nichols & Shepard Co.
Battle Creek, Mich.

Role Builders of the Red River Special Line—Red River Special Thrashers, Tractor Steam Engines and OIL-GAS Tractors, Self Feeders, Straw Stackers, etc.

Get More Wool Get Longer Wool Get More Money

for your wool by shearing with a Stewart machine because such wool has a longer fibre. Wool buyers pay more for long staple—and you get the longest by shearing with a Stewart No. 9 Ball Bearing Shearing Machine

This is, without question, the most perfect hand operated shearing machine ever devised. Has ball bearings in every part where friction or wear occurs. Has a ball bearing shearing head of the latest improved Stewart pattern.

Price of machine, all complete, including 4 combs and 4 cutters of the celebrated Stewart quality is

Only \$11.50

Get one from your dealer, or send \$5.00 and we will ship C. O. D. for balance. Money and transportation charges back if not pleased.

Chicago Flexible Shaft Company
213 Ontario St. Chicago, Ill.

Write for big new catalogue showing the most complete and modern line of Horse Clipping and Sheep Shearing Machines on earth.

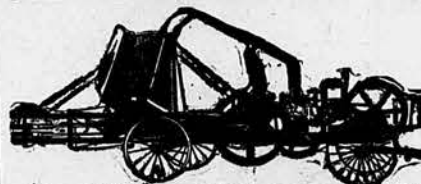
A NEW JOHN DEERE BOOK

This book contains practical talks on the care, adjustment and use of modern farm implements. Every farmer should get this book and keep it.

Deere & Mansur Corn and Cotton Planters, Disc Harrows and Hay Loaders
No. 9 Edge-drop Planters, Model B Disc Harrow—single and double—are the world's best sellers. Gold medal winners at every exposition. Get Quality and service—John Deere Dealers Blue Book.

Tell us what tool you want to know about; then ask for big book, package No. X12, John Deere Plow Co., Moline, Ill.

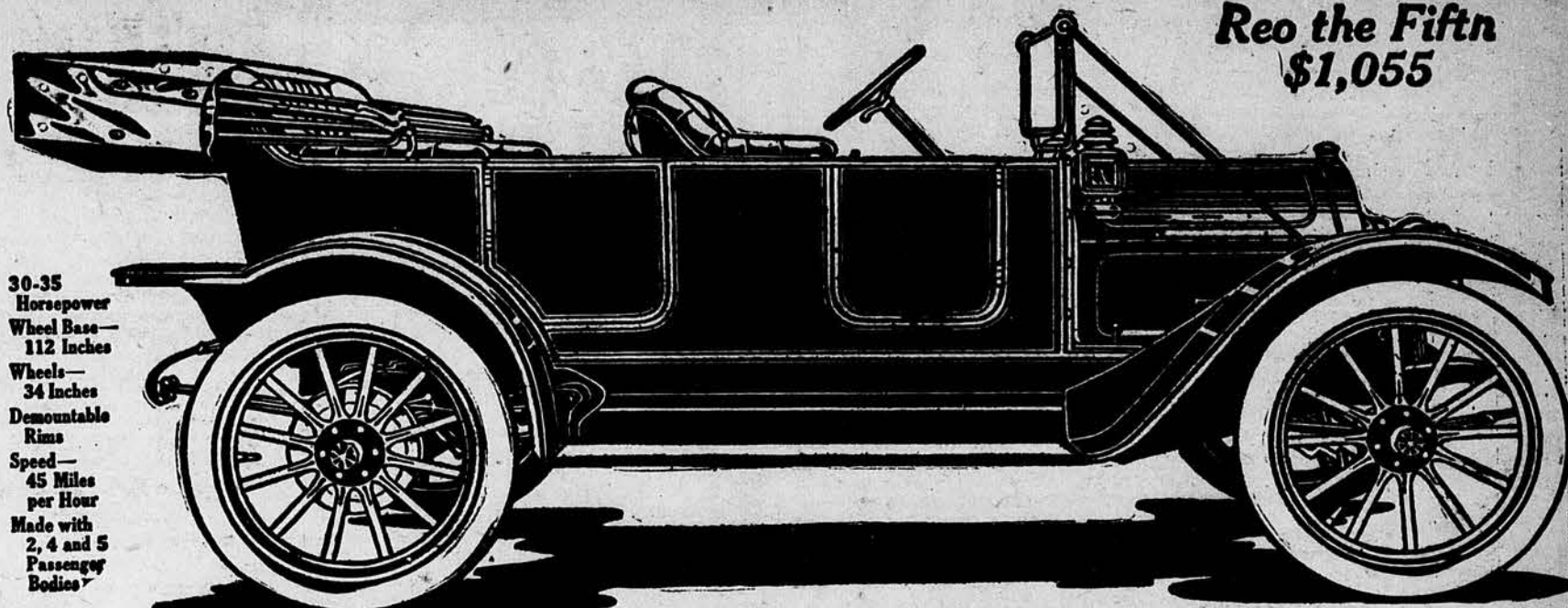
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The Tuttle combined power hay press saves you MONEY. New side self-feed and the self-tyer does it. 2 men can run it. 3 men is a full crew. Fully guaranteed for 12 months. SELF-TYER AND ALL.

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Wheels—
34 Inches
Demountable
Rims
Speed—
45 Miles
per Hour
Made with
2, 4 and 5
Passenger
Bodies



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\$1,055

Top and windshield not included in price. We equip this car with mohair top, side curtains and slip cover, windshield, gas tank and speedometer—all for \$100 extra. Self-starter, if wanted, \$20 extra.

The 25-Year Car

By R. E. Olds, Designer

Reo the Fifth

Is the only car based on 25 years spent in car building.

In those 25 years I have created 24 models, and have watched their performance with tens of thousands of owners.

I have also kept in touch, since the start of this industry, with all that other men have done.

Here is the final result—my finest creation—the best that I can do.

How I Watch It

Never was a car so watched in the making as I am watching this. The prestige of a lifetime is staked on it.

In this car we insist on utter exactness, regardless of time. Parts are ground over and over.

Steel for this car is all analyzed, so we know its exact composition. Each car gets a thousand inspections.

The margin of safety in every part is extreme. We old designers know the need for that.

I use roller bearings—Timken and Hyatt—instead of the usual ball bearings. In no part is cost considered.

The carburetor is doubly heated—with hot air and hot water—to deal with low-grade gasoline.

Unusual Beauty

The car is immensely impressive. It is long and roomy. The wheels are large, the car is over-tired. We avoid all the petty economies.

The body is finished in 17 coats. The lamps are enam-

eled. Even the engine is nickel trimmed.

There is deep upholstery, made of genuine leather filled with hair.

At twice the price no car could offer more comfort or more class

initial price. I believe it too low to continue.

It is based on the present low cost for materials, on enormous output, on ideal conditions.

This price I regard as a passing sensation. It is subject to instant advance. Under average conditions, it would be impossible.

But Reo the Fifth will always sell lower than any other car in its class. We have a model factory, modern equipment, enormous capacity. And we have the experience.

We are not over-capitalized—have no bonded debt. And we save about 20 per cent in the making by confining our output to only one chassis.

Thus the best car I can build is being sold at this moment for \$1,055.

1,000 Dealers

Reo the Fifth is shown by dealers in a thousand towns. We will tell you the nearest when you write for our book.

This book shows the various styles of bodies. It pictures every detail. It enables comparison with all other cars. It is the most popular book of the season.

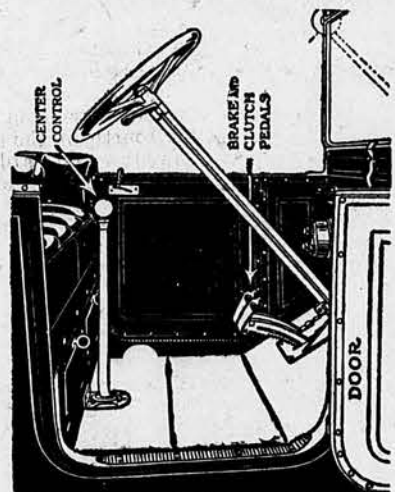
Write for it now. Address

The Center Control

No Side Levers

The best new feature of the year is brought out in Reo the Fifth.

It is this center control, shaped like a cane handle. All



the gear shifting is done by moving this lever less than three inches in each of four directions.

There are no side levers—neither inside nor outside the door. So the entrance in front, on either side, is clear.

Both brakes are operated by foot pedals, one of which also operates the clutch. Never was a car so simple in operation.

Left Side Drive

These features permit of the left side drive, as in electric cars. The driver sits, as he should sit, close to the cars he passes and on the up side of the road.

Yet his gear shifting lever is at his right hand, and the brake pedals right before him.

This ideal arrangement is found today only in Reo the Fifth.

\$1,055 Too Low

The only point which does not meet my approval is this

R. M. Owen & Co. General Sales Agents for **Reo Motor Car Co., Lansing, Mich.**

Canadian Factory, St. Catharines, Ont.

Plant More Feed Crops

How Well Kafir, Cane, or Milo Will "Work In"

BY J. H. MILLER, DIRECTOR OF COLLEGE EXTENSION.

[Written for Farmers Mail and Breeze.]
THERE are few counties in Kansas where I would not advise farmers to plant more acres of these non-saccharine sorghums. Seven-tenths of the farmers of Kansas push one crop to the extreme. Those of western Kansas



J. H. MILLER.

grow too many acres of wheat, and those of eastern Kansas grow too many acres of corn. Good farm management would reduce these "one crop" acreages and divide the rush labor periods. In the first place, the wheat counties must change and grow more corn or more sorghums in order to grow more livestock. Furthermore, such a plan would reduce summer plowing and allow every farmer to complete his plowing for wheat by August 15 and thus get a better seedbed and a bigger crop. More stock, more corn and sorghums would enable the farmer in western Kansas to

keep his teams and employes busy at profitable work for more days of each year and to avoid the tremendous rush of harvest and then of summer plowing.

Kafir in Eastern Kansas.

The eastern Kansas farmer who tries each year to increase his corn acreage is equally at fault, in my judgment. Kafir will outyield corn in most years, and I think the average will be about equal for a 10-year period. The reduced corn acreage will enable the farmer to get his corn planted in better shape and in better time, and he then could plant his Kafir and thus through the season his Kafir work would come in just a few days later than his corn work. Whenever Kafir is to be followed with corn or oats, the ground should be plowed in the fall to allow it to get more moisture. Kafir is not any harder on ground than corn, as far as fertility is concerned, but it does take more moisture, and therefore the fall plowing or fall disking. The fall work is also nicely divided.

How Much to Plant.

I have been in the habit of recommending the following proportion of feed crop acreages for Kansas: Eastern 60 miles, one-fourth to Kafir, three-fourths to corn; next 100 miles, one-half to each; next 140 miles, three fourths Kafir and cane, and one-fourth corn; last 100 miles, nine-tenths to Kafir, cane, and milo, and one-tenth (if any) to early varieties of corn. With the right kind of farming there is seldom any necessity for a loss of feed of Kafir, cane or milo. Milo should be grown on every farm in the extreme western counties.

The Two Serious Mistakes.

Many farmers make two serious mistakes in the handling of Kafir: First, they neglect to work the ground early enough in the spring, seeming to act under the impression that because Kafir is a drought-resistant crop it does not need any moisture saved for it. Second, they almost universally neglect to gather seed from the field, when they could select the early ripening heads and thus by breeding shorten the growing period needed and also have their fields the next year ripen uniformly.

I therefore hope to see a more general planting of these non-saccharine sorghums, although I fear that farmers in some counties in south central Kansas are tending to the extreme in that direction. Efficiency in farm management must balance farm work throughout the season.

Burn Out the Crop Pests

Mr. Editor—Fence rows, old stack yards, meadows and pastures should be burned in April to uncover the burrows of rats, mice and ground squirrels or gophers. The poisons put out by the experiment station are good or poison may be bought from druggists. Mix the poison with oatmeal, adding a little flour and sugar, and a few drops of anise oil, then water enough to make a stiff dough. Put a lump of the mixture in the hole and push it down with a stick, then cover the hole with a spadeful of earth, tamping it well so chickens and dogs will not get to it. If any poison is left bury it deep in the ground. Nobody but a criminal would leave poison on top of the ground, for it is more dangerous than a loaded gun.

Cedar, Kan. Edward Lind.

OUR SPECIAL OFFER.

To new subscribers: The Farmers Mail and Breeze until July 1, 1912, for 10 cents. Call over to your neighbor or hail him as he passes on the road, if he is not a subscriber to The Mail and Breeze, and tell him about this special offer. Earn your own subscription. If you send us 10 of these trial orders and the \$1.00 collected we will extend your time 1 year.

You will never find a good mother and a saloonkeeper pulling on the same rope.

The Culvert That Lasts

Culverts that crack, break and wear out quickly are useless. You want culverts that will endure under every condition—that once installed will last a lifetime. You can get such a staunch, serviceable culvert at a lower cost than any other make, by asking for the American Ingot Iron Culvert—the choice of the biggest railroads.

Why They Outlast Others

These wonderful metal corrugated culverts are not made of galvanized steel, but of galvanized American Ingot Iron—guaranteed 99.84% pure. Steel, on account of its impurities, rusts and corrodes quickly. This means a short life and unsatisfactory service. American Ingot Iron, due to its purity, resists rust for many years, and culverts made from this iron outlast steel culverts many times over. They will not crack, break, or wash out in freshet time as other culverts do. Easy to handle and install—no maintenance cost.

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Tell Us Your Road Troubles and Plans

Any manufacturer named below will gladly send you expert money, time and labor saving advice. Road builders, county officials, taxpayers, etc., can profit by this free service. Only the manufacturers named here make and sell American Ingot Iron Corrugated Culverts.

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Three Men With a Header and this Stacker Make a Full Crew. A Barge—A Wagon and a Stacker All in One.

Practical in operation; simple in principle and construction. It is a proven success. It carries a regular barge load; is guided by a rudder under control of driver; elevates its load with same team that pulls it; turns square corners, elevates its load on way to stack and dumps at any height up to 22 feet. No backing necessary to lower box. Stack approached from either side or end. Does away with pitching and makes better stacks. Has fork attachment for gathering hay from windrow. Will pay for itself in three weeks time. Write for our circular.

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ARTHUR CAPPER, Publisher Farmers Mail and Breeze, Topeka, Kan.
Dear Sir—Enclosed find 10 cents for which send the Farmers Mail and Breeze until July 1, 1912, according to your special trial offer to the following address. This is a new subscription.

Name

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THE Real Value of Cyclone Farm Gates

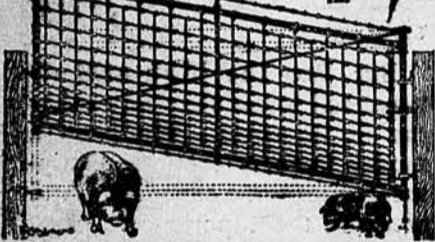
Every farmer who has Cyclone Farm Gates takes a conscious pride in that fact. He knows that he has made a good investment and saved money, and that every other farmer respects his good judgment and progressive spirit.

This pride and satisfaction constitute the real value of Cyclone Gates even more than the fact that they add ten times their cost to the value of his place.

Cyclone Farm Gates are made to use—to stay in commission under the heaviest service, resist crowding stock or vicious animals and always work smooth and easily. Frame made of large size high carbon tubular steel; fabric extra large heavily galvanized wire closely woven. Dependable and absolutely guaranteed.

We make a full line of Ornamental Lawn Fences. Cyclone Fence and Gates are an investment that pays. Books Free. Write today.

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Dept. 16, Waukegan, Ill.



KITSELMAN FENCE

Sold direct to you at factory prices on 30 days trial. Save the dealers profit. Farm, Hog and Poultry Fence at from **11 1/2 CENTS A ROD UP.** All wires are heavily galvanized. 36 rod spool of ideal galvanized Barbed Wire \$1.40. Write to-day for large free Catalog showing 100 different styles and heights of fencing. Box 52 KITSELMAN BROS. MUNCIE, IND.

FARM FENCE

11 1/2 cts. a rod for a 24 in. high hog fence; 16 1-2c. a rod for 47 inch high stock fence. 25c a rod for 48 inch heavy poultry fence. Sold direct to the farmer on 30 Days Free Trial. Special barb wire, 36 rod spool, \$1.40. Catalog free. **INTERLOCKING FENCE CO.,** BOX 25 MORTON, ILLINOIS.

BROWN FENCE

13 CENTS PER ROD UP
RUSTPROOF-BULLSTRONG-PIG-TIGHT Fences for horses, cattle, sheep, hogs, chickens, etc. Special low bargain prices. We pay the freight. Ornamental Lawn Fences and Gates. Send for catalog and sample. **Brown Fence & Wire Co.,** Dept. 13 Cleveland, Ohio

112 AT FACTORY PRICES 112
Farm, Hog, Sheep, Poultry, Fruit Fences sold direct. Send for freight prepaid catalog. **CENTS-Advance Fence Co., Box 724, Elgin, Ill.-CENTS**

Early Signs.

I hear the wild geese honking
From out the misty night—
A sound of moving armies
On-sweeping in their might;
The river ice is drifting
Beneath their northward flight.

I hear the bluebird plaintive
From out the morning sky,
Or see his wings atwinkle
That with the azure yle;
No other bird more welcome,
No more prophetic cry.

Oh, spring is surely coming,
Her couriers fill the air,
Each morn are new arrivals
Each night her ways prepare,
I scent her fragrant garments,
Her foot is on the stair.
—Farm World.

Pork and Milk From Melons

A USEFUL FEED CROP.

Mr. Editor—The less grain we can use in raising a thrifty hog the more healthy he will be and the more profit there will be in raising him. Pie melons make good hog feed and there isn't anything more easily raised. They are great producers and when fed to hogs they seem to make them more healthy and hearty.

C. B. Johnson,
R. 4, Conway Springs, Kan.

Great Drouth Resisters.

Mr. Editor—I raised a few hog melons in my garden last year and they are as near drouth proof as anything I know of, for they were the only crop in my garden that did not wilt. I believe they will make as good dairy feed as silage and do not believe an acre in any other crop will produce as much milk. In California they raise them on land that is worth \$400 per acre, selling them on the ground at \$2 per ton. These melons will keep two years if not allowed to freeze.

H. W.
Great Bend, Kan.

Six Hills Will Make a Load.

Mr. Editor—For hog melons plow your ground deep and plant the seeds 15 feet apart. Do not plant on low ground. Six hills ought to raise a load of melons for you. These melons are not a bad thing to take the place of alfalfa in winter when that crop fails. I think they are even a little better than alfalfa for a winter feed for brood sows. My gilts develop good bone and grow fine on melons and Kafir. The melons will sweat in damp weather and ought to have a ventilator in the pit. Have had letters from five states saying the melons did all I claimed they would do in my former letter to Farmers Mail and Breeze.

W. J. Lodge,
Altamont, Kan.

Good for Cows in Winter.

Mr. Editor—Last year I read about the value of hog melons in Farmers Mail and Breeze so I grew some and put away 8 tons for cow feed. I have learned something of value. The cows ate these melons with great relish when there was no green feed and all the grass was covered with snow. They will often drink no water after having had enough melons to eat. In order to save seed for my next spring's planting and for those of my neighbors who wish to try them, I made a slatted grate of laths which I laid over a box. I cut up the melons with a corn knife and in so doing a good many seeds will fall into the box. The seeds are hard to get out otherwise.

H. Willis Smith,
Garden City, Kan.

Take the Place of Alfalfa.

Mr. Editor—Hog melons are adapted to Kansas and Oklahoma conditions. Ten years' experience with them has taught me they are alfalfa when we haven't the real thing. No farm crop will equal them in yield. They will produce 10 melons to the square rod, or 1,600 per acre and they average 40 pounds each or more. This means 30 tons per acre. They give a fine flavor to milk and horses, cattle, hogs and poultry will eat them. I have never known of cattle dying on corn-stalks when they are fed these melons. There are many varieties and some are worthless. I have a big light pie melon mixed with the Alabama sweet watermelon.

No Address. Alvin Hughes.

Seed of the Stock Melon

A reader wants to procure seed of the stock or pie melon. The seed may be had of almost any western seedsman. This melon goes under different names in dif-

ferent parts of the country, being called in some places the pie melon and in others the stock melon. It is still quite generally grown in the western parts of Kansas, Oklahoma and Texas, where it is fed to stock. It is a large, coarse melon of the citron family, having somewhat the form of the watermelon but being more like the citron in taste. This melon is not good eating in the way that the watermelon is but makes good preserves or pie timber.

Why Blank Listing is Good

Mr. Editor—I find it a good plan to blank list in early spring for several reasons. It helps to store early rains, takes the place of one cultivation and starts the weeds which are then killed by splitting the ridges. And again you will find it to show up in increased yields at husking time.

Oakwood, Okla. C. C. Mendenhall.

Trial trip until July 1, 1912 for 10 cents, Mail and Breeze, Topeka, Kan.



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Most remarkable underwear booklet ever published—unusual, interesting, illustrated—showing different styles of Genuine "Porosknit" Summer Underwear—absolutely Free. Send postal for it today.

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Cool, Comfortable Summer Underwear that Wears and Wears

So carefully made, so light, cool, elastic and durable is genuine "Porosknit" that we guarantee it unconditionally, with no time limit. A guarantee as absolute as a fixed law of Nature. But accept no imitation. Remember "Porosknit" is

Guaranteed

and that you can tell the genuine by the actual label (as above) and the Guarantee Bond (reproduced below), with every garment.

You'll understand some of the reasons why we can make this iron-clad guarantee if you'll turn a real "Porosknit" garment inside out and compare it with imitations. All "Porosknit" seams are sewed twice. Seat seam and front opening of drawers reinforced with tape.

No underwear can give more comfort than a "Porosknit" Union Suit. Fits right—no double thickness at waist, buttons and-unbuttoned easily and stays buttoned while on. No bulky nor bulging flaps. Try this best underwear of all. Your money back if you don't like it. We make good.

For MEN 50c

Any Style—Shirts and Drawers per garment

For BOYS 25c

Men's Union Suits, \$1.00—Any Style—Boys' Union Suits, 50c.

Handled by Good Dealers Everywhere.

CHALMERS KNITTING COMPANY, 130 Washington St., Amsterdam, N.Y.

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You can make more money drilling wells for irrigating land with an Armstrong Well-Drilling Outfit than you can in any other business with the same investment. \$50 to \$75 profits a day made on an Armstrong Outfit. A few hundred dollars invested in an Armstrong outfit will redeem several thousand acres in a single season. Drill any formation, any depth, any place. Gasoline or Steam, Walking Beam, Spudding or Combination Outfits. Write for Free Illustrated Book. If you need a gasoline engine ask for our big engine catalog. (63) Armstrong Mfg. Co., 2062 Chestnut St., Waterloo, Ia.

\$29 50 Buys This Elegant Top Buggy. WARRANTED FOR Five Years. Retail Price \$60.00. Buggies, Surreys, Spring Wagons, Farm Wagons. We have cut out our Jobbers, our Wholesalers and our Retailers and offer YOU their profit. Write today for our Free Catalog and Delivered Prices. Mutual Carriage & Harness Mfg. Co. Station 38J, East St. Louis, Ill.

What Farmers Are Thinking

Readers of Farmers Mail and Breeze are cordially invited to air their opinions in this column if they can do it briefly. Say what you want to say, but say it short.

Jury System Too Cumbersome.

Mr. Editor—The idea of abolishing the senate seems reasonable and right. It has become a body of obstruction instead of a working body for the good of the people. Another cumbersome and expensive affair is our present jury system. Why not, to cut down expenses, have 24 talesmen drawn about as they are now, but to serve for one year. Six of them could sit on any case, civil or criminal. Four of them being a majority should be able to return a verdict and in case there should be an equal number for acquittal and an equal number for conviction, the judge sitting on the case should give the deciding vote. This would stop much of this expensive new trial business. The only question put to prospective juror should be, "Do you think you can sit as a juror on the case now pending between A. B. and C. D. and under a fair and impartial verdict, according to the law and evidence?" There is too much time taken up by lawyers, under our present system, in picking a jury.

Olivet, Kan. Z. Thomas.

Graft in Handling Livestock.

Mr. Editor—If ever there was a hold-up game framed against the farmer it is the system of handling stock used at the different markets. Last summer I sold some sows that were not very fat and somewhat rough. I was scaled down \$2 per hundred pounds and one would think that should cover their shortcomings, but no; when the shipper sent them to market two of them were docked. I knew beyond a shadow of a doubt that these were not piggy but what figure would that cut? When the man at the stockyards says there is a dock, it goes, and if the seller says anything he is fined. There are different ways in which the farmers are gouged out of millions of dollars at the stockyards each year.

Burrton, Kan. Harry Leclere.

When Cars Are Lettered "U. S. R. R."

Mr. Editor—When you advocate the government ownership of railroads, are you going to give all the high officials of the several roads a job on the Mail and Breeze? They could not last if the system were under civil service, not one in 10. I believe with you, and hope to see the day, when every train will be initialed with "U. S. R. R." and these geesers who ride in private cars, and write articles on the "Back to the Soil" movement, will be compelled to show your Uncle Sam what they have under their hair, or else get off and walk.

I also note that some of the fat heads are getting next to themselves in regard to the revenue from the duty on sugar. I want to see it free, and I believe, as you say, that the government can raise 50 million dollars annually in a much easier way than by taxing the consumer 119 million.

Duquoin, Kan. Don S. Reed.

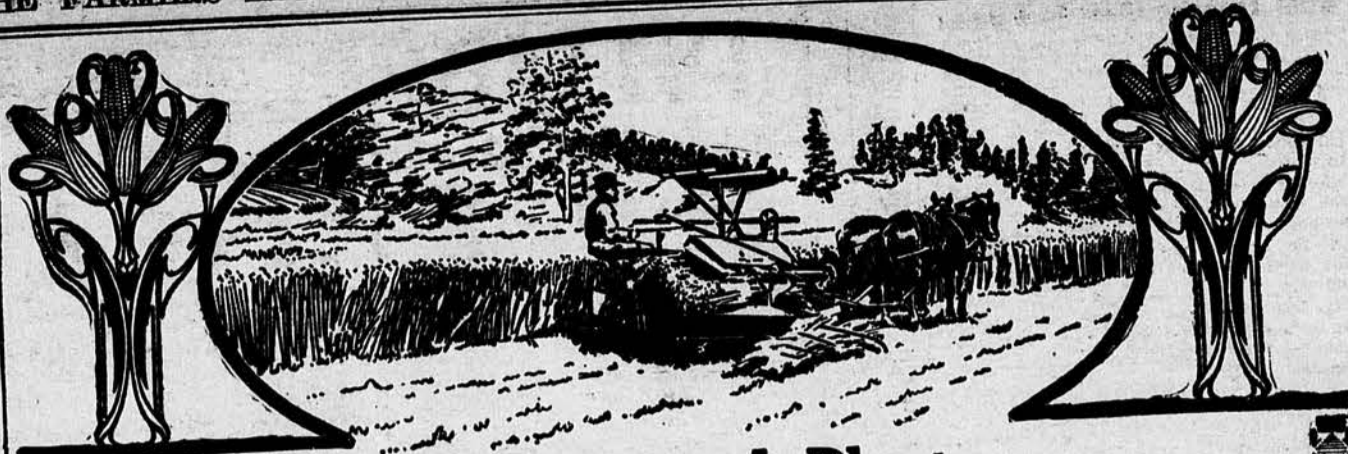
Capper Not a Rut Partisan.

Mr. Editor—I am in favor of Capper for governor because he is a Republican in the broadest sense and not a rut partisan. He is a man of business with a clean record. He keeps in touch with the people and is abreast of the times; a man who as governor would conduct the state's affairs in an economical, businesslike way. I am in full accord with the Capper platform and in my judgment the Republicans can do no better, and will never have cause to regret it, if they elect Arthur Capper governor of Kansas.

O. W. Augustine.
R. 2, Yates Center, Kan.

Too Much Lawyer Government.

Mr. Editor—I should like to have Mr. McNeal comment on our laws and lawyers and their relation to each other. Lawyers constitute a big working majority in the National congress and every state legislature. We make them our lawmakers and they make laws to favor the plundering of the people. They



Progress and Plenty

FARMERS, tradesmen, manufacturers, laborers—all are producers for the common good. Without the farmers the rest of us would starve. Without tradesmen to distribute it, grain would spoil in barn and bin. Without the machines made by manufacturers and laborers, the great modern crops of grain and hay would never be planted, or, if planted, would rot in the fields for the lack of adequate means of harvesting. On the other hand, by working together, we produce the bulk of the world's grain.

The day of farming without machines is gone forever. The manure spreader, gang plow, disk, and harrow prepare the way for harvesting and haying machines. A thousand acres are cultivated today with greater ease and dispatch than a hundred were forty years ago. Credit for this greater efficiency and for the fact that thousand-acre tracts are planted to grain and harvested safely, belongs to the farmers who use harvesting and haying machines and tools made and sold under the following names:

Champion Deering

As the cradle succeeded the reaping hook, the reaper the cradle, and the self binder the reaper, more and more men were freed from the drudgery of the harvest field to take their rightful places in other gainful occupations. Now that binders are in universal use, one-third of the people of the United States raise wheat sufficient to feed the whole country and have millions of bushels left for export.

Progress and plenty for all depends upon the right choice of harvesting machines by the farmers of this country. Your share of the harvest profit means much to you, but it means more to others. To be sure that your crops are harvested without waste and at the right time, buy machines suited to the conditions in your fields, tested by actual work in similar fields, machines which have behind them a history of more than fifty years of success, and which have been developed to practical perfection—I H C machines.

McCormick Milwaukee

No matter what the condition of your grain at harvest time—standing, down, or tangled, short or tall, an I H C machine will cut it with the least loss or waste, and bind it into bundles of uniform size convenient for handling. The machines are so simple that they may be trusted safely to unskilled help. The quality of the steel and iron in them is proved. They will stand up under the roughest regular usage of the harvest field.

When the harvesting is once begun you cannot afford delays. Should accident happen to an I H C binder and a repair be needed, you are no farther from the necessary part than your dealer's place of business. When you get that part, it will fit without filing, scraping or pounding—so accurate and so true to gauge is each part made. This feature does away entirely with expensive, aggravating delays, and makes your harvest sure—completely finished in good season. That alone is good enough reason for buying an I H C machine.

Osborne Plano

A good machine should have good twine to bind with. Our brands—Champion, McCormick, Osborne, Deering, Milwaukee, Plano, and International—made in four grades—Sisal, Standard, Mar la, and Pure Manila—are made to work smoothly and without waste or trouble on I H C machines.

The I H C local dealer will set up a binder for you to inspect and will help you to decide on the best machine for your crops and fields. See him and get the benefit of his knowledge and experience. He will answer your questions and probably refer you to neighbors who have used I H C machines and twine. Remember when choosing, that I H C machines have given satisfaction for many years, and that needed repairs are easily and quickly obtained from the I H C local dealer. Get catalogues from your dealer, or address

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U S A

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The purpose of this Bureau is to furnish, free of charge to all, the best information obtainable on better farming. If you have any worthy questions concerning soils, crops, land drainage, irrigation, fertilizer, etc., make your inquiries specific and send them to I H C Service Bureau, Harvester Building, Chicago, U S A



block remedial legislation if any is proposed and are always ready and willing to serve the over-reaching money power whose servants they really are. What do the 100,000 lawyers in these United States give in value received for their salary? Would their product sustain 1,000 people six months? Why do we vote for these lawyers? The mass of people dislike lawyers and regard them as tricky. We have thousands of big brained patriotic men of affairs among farmers, machinists, doctors, etc. Why not choose from them? We should work and hope for a Roosevelt for president and a Capper for governor to the end that the good laws be enforced to the letter and the bad ones abolished or replaced with wholesome laws.

Agenda, Kan. J. P. Anderson.

A System For Rock Roads.

Mr. Editor—Being something of a crank on the good road question, it seems to me we are trying to haul a good load with the cart before the horse. Everybody concedes that good roads are a good thing to have, the vital question is how to get them and keep them. The township grades the roads, the county paves them and in a short space of time they become very bad again. Why shouldn't the county grade and pave, either by bonds, or otherwise, and then compel the township to take care

of the roads and keep them in first-class condition? I believe such a system would save \$500 a mile every year on all paved roads in the state. Rock roads are of no value unless taken care of.

R. 2, Argentine, Kan. C. M. Pierce.

High Time to Plow Deeper.

Mr. Editor—I have seen the same 3 to 5 inches of top soil turned over and over in Kansas for 30 years and then we wonder why we cannot raise from 20 to 35 bushels of wheat per acre any more. What we need to do is to subsoil or plow deeper. Another thing every farmer with 5 or 10 cows ought to do is to put up a silo. I have one and I find silage to be the greatest feed I ever used. It is doubling the milk yield of my cows and simply fattening my calves.

F. P. Mercer.
Conway Springs, Kan.

Scales a Good Investment.

Mr. Editor—There is need of weighing scales on every farm, on which farmers may weigh their stock, grain, hay, etc., whether bought or sold. There are times when farmers are beaten if they have no scales. Then again, people are more particular about weighing a farmer's produce if they know he has scales of his own.

L. F. Brost.
R. 5, Independence, Kan.

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Send just \$1 to pay for a year's subscription to Mail & Breeze and enclose 25c extra to pay mailing expense—\$1.25 in all—and get these 47 tools free. Money back if not satisfied. Mail and Breeze, Dept. 47-T, Topeka, Kansas



Fish Will Bite

Like hungry wolves, fill your nets traps or trot line if you bait with Magic-Fish-Lure. Best fish bait ever discovered. Keeps you busy pulling them out. Write to-day and get a box to help introduce it in your neighborhood. Agents wanted. J. F. Gregory, R-20, St. Louis, Mo

What Trees to Plant in Kansas

BY CHARLES A. SCOTT,
State Forester.

[Written for Farmers Mail and Breeze.]

Eastern Kansas needs trees to take the place of its short-lived cottonwoods, boxelders and soft maples. Western Kansas needs trees for windbreaks and for beautifying its prairie home landscapes. Prof. Scott has compiled a list of the more hardy and available trees for these purposes for the guidance of our readers with suggestions as to planting. He will follow this next week with an article on "Catalpas on Low Ground," also written for Farmers Mail and Breeze.—Editor.

In eastern Kansas we have passed the pioneer stage of tree planting. The cottonwood, boxelder and soft maple have all served their purpose, that of providing shade and shelter in the shortest possible time. These are rapid growing, short-lived species. Many of the soft maples that were set out in eastern Kansas—30 or 35 years ago are now dying, and they must be replaced by better kinds.

Our Hardest Native Trees.

The hardest of our native trees are the White elm, hackberry, Hard maple, and Red oak, all of which are long lived compared with the cottonwood, boxelder, or maple. The White elm, hackberry, and Hard maple are the most desirable of all our American trees for street and shade purposes. The Red and Pin oak are trees coming into general popularity. They are shapely and handsome. During the summer their foliage is a deep green which changes to every imaginable hue with the approach of autumn, and furnishes a beautiful array of color during the fall months. These trees are rather slow growers, but do not require many years to reach sufficient size to provide shade, and their greater hardiness and longevity more than offset the time required to make their full growth. These trees are not old trees at 100 years. Why not plant a tree that will outlive our present generation and be a blessing to the next?

Some Other Good Trees.

Other American trees which should be planted more extensively than they have been are the black cherry and tulip. These are handsome trees throughout the summer, and in the autumn they yield a flood of colors.

As nothing brings more delight to the heart of a child than the gathering of nuts, it would be a mistake to overlook the planting of a few walnuts, pecans or butternuts. Such trees should occupy a somewhat secluded spot in the yard. Plant the nuts where the trees are to grow. The nut bearing trees do not transplant readily.

For ornamental planting the evergreens are perhaps the most prominent trees. For eastern Kansas the Colorado blue spruce is by all odds the most desirable of the evergreens. It is perfectly hardy in this section of the state and its general use is highly recommended. The White fir is another of the Rocky mountain species that is a general favorite. The White and Austrian pine are the best of the larger sized conifers and should occupy a prominent place in all extensive plantings.

Trees for Western Kansas.

For western Kansas the thornless honey locust, White elm, and hackberry are the most desirable of the broad-leaved trees for shade or street planting. The Russian wild olive, though not a shade or street tree, should occupy a place in every yard. Its fragrant blossoms are always agreeable and its silvery white leaves are delightful. It has proven entirely hardy throughout the prairie states from Kansas to North Dakota. For ornamental planting in western Kansas select the Chinese arbor vitae. This is a rather small-sized evergreen, but always adds much to the appearance of a yard by its ever-welcome green. The Austrian and Scotch pines and red cedar are perfectly hardy and should be planted extensively for windbreaks.

Manhattan, Kan.

Wanted a Real Parcels Post

Some members of the Grange have a rubber stamp to print on the back of each envelope this sentence: "Wanted—A Real Parcels Post; no fake substitute." Every member of the Grange is being urged to send those words to his congressman and do it now.

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Look beyond the purchase price when you buy wire fencing.

A fence you get at a cheap price is bound to be a cheap fence clear through—poor and unsatisfactory in service, soon to rust, sag, break and fall away, an expensive failure.

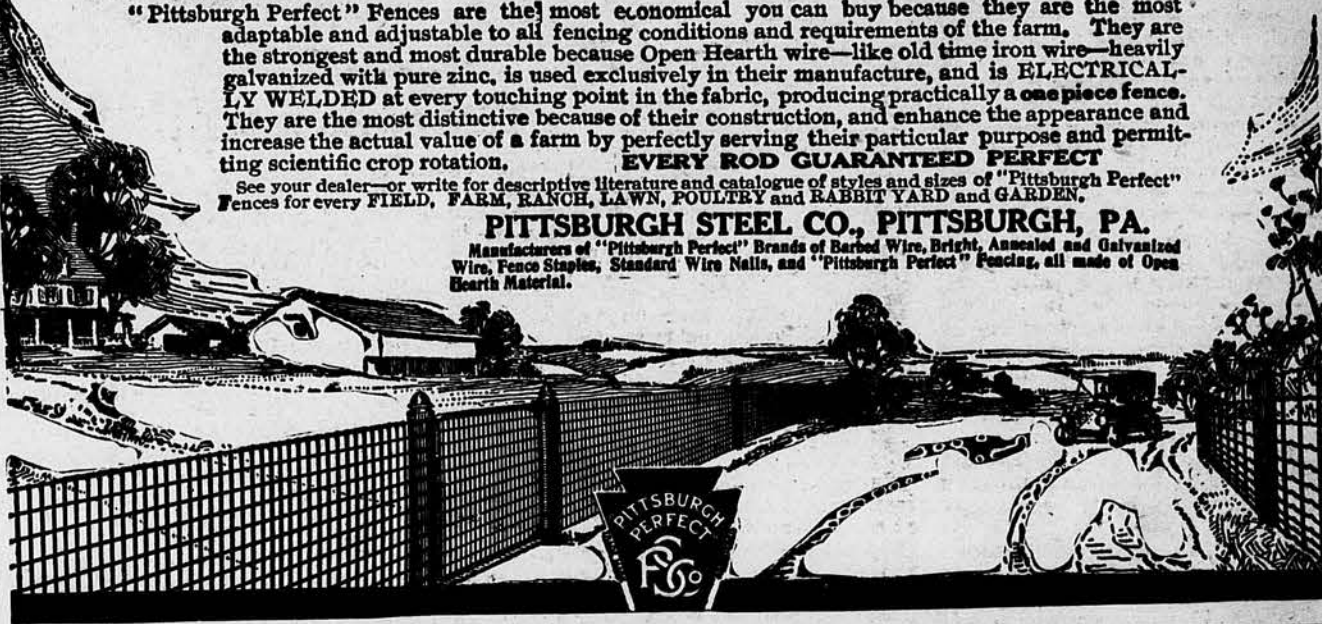
"Pittsburgh Perfect" Fences are the most economical you can buy because they are the most adaptable and adjustable to all fencing conditions and requirements of the farm. They are the strongest and most durable because Open Hearth wire—like old time iron wire—heavily galvanized with pure zinc, is used exclusively in their manufacture, and is **ELECTRICALLY WELDED** at every touching point in the fabric, producing practically a **one piece fence**. They are the most distinctive because of their construction, and enhance the appearance and increase the actual value of a farm by perfectly serving their particular purpose and permitting scientific crop rotation.

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See your dealer—or write for descriptive literature and catalogue of styles and sizes of "Pittsburgh Perfect" Fences for every **FIELD, FARM, RANCH, LAWN, POULTRY and RABBIT YARD and GARDEN.**

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Wire fence economy means more than first cost price.

It means a full and efficient service spent in endless repairs; it means an investment that pays big dividends by increasing farm production through better farm equipment.

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Model 66 Complete \$1100

DO NOT OVERLOOK the comparison on the left hand side of this ad. That on the left illustrates the usual form of power transmission. That on the right the Lambert Patented Friction Drive. Six expensive complicated units as compared to two simple components. The cost of lubricating oil alone in the one on the left will amount to more than the replacement of parts on the Lambert Friction Drive. The Lambert will climb a 50 per cent. grade.

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We will also include, without extra cost, a book entitled "Fifty Ways for Boys to Earn Money." Walter Camp edits "The Boys' Magazine." Each issue of this magazine is filled with clean, fascinating stories and instructive articles, of intense interest to every live boy. Departments devoted to The Boy Scouts, Electricity, Mechanics, Athletics, Photography, Carpentry, Stamps and Coins. Colored covers and beautifully illustrated throughout. This holder's glove is made by one of the foremost American manufacturers, of finest tan leather, felt padded, leather lined, web thumb, deep pocket. Guaranteed. Satisfaction, or money refunded. Order today. The Scott F. Redfield Co., 951 Main St., Smithport, Pa. The Boys' Magazine at all news-stands, 10c a copy.

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Factory at Peoria, Illinois.

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I'll Stop Your Losses from Worms—I'll Prove It 60 Days Before You Pay

Little pigs only a few weeks old are often found loaded with worms. Hogs of all ages suffer from these deadly parasites. Then cholera, swine plague and other contagious diseases get in their destructive work. Stock troubled with worms don't thrive; they cough, have fever, act dull, and don't gain a pound. Your feed is wasted; your profits are stolen. Your animals frequently die, causing total loss of many dollars. I'll stop all this quick with **SAL-VET**, the great worm destroyer and conditioner. I have done it for thousands of others. I'll do it for you, before you pay me a penny, if you will just send me the coupon.

Read This Letter: "Have fed Sal-Vet to my hogs and lost none. Neighbors both sides of me, east and west, have had cholera bad. One west of me, on adjoining farm, lost about forty hogs and pigs with cholera; the one east, on adjoining farm, lost all he had, excepting four."
A. J. HOFFMAN, Leipsic, Ohio.

Send No Money—Just the Coupon
If you will fill out the coupon—tell me how many head of stock you have—mail it to me, I'll ship enough Sal-Vet to last them 60 days. You simply pay the small freight charge when it arrives, and when the 60 days are up report results. If it does not rid all your stock of the deadly stomach and free intestinal worms, I'll cancel the charge—you won't owe me a cent.

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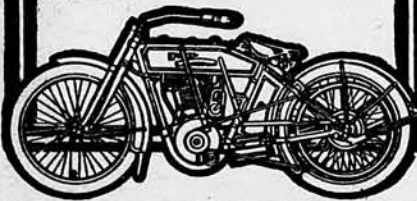
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The children can go to city school and still help with the chores. You can carry freight weighing 200 lbs. You can run to town for repairs, in fact, there is no end to what the Harley-Davidson motorcycle will do for you on the farm. It will do the road work of five horses and cost but one-tenth to one-sixth cent per mile to operate.

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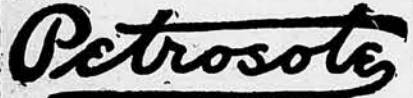


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50 Gal. \$5.00
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Cures Heaves by Correcting Indigestion. Book explains sent free. Cures Coughs, Colds, Distempers, Prevents Ooids, Staggers, &c. Blood Purifier. Expels Worms. A Grand Remedy. A Veterinary remedy, 20 years' sale, 50c and \$1.00 per can. Use large size for Heaves. At dealers or direct prepaid.
THE NEWTON REMEDY COMPANY, Toledo, Ohio.

VETERINARY ADVICE

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

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

Brain Affection.

I have an 11-year-old mare that has a spell every two or three months that comes on suddenly and lasts for from 3 to 5 minutes. She falls to the ground and appears to be dying, then she will lie still for a few minutes, get up and appear all right except for being stiff a short time. What is this trouble?—A. P., Stafford, Kan.

The trouble no doubt is with the circulation in the brain of the animal and I question whether anything can be done for her.

Teeth Troubles.

My 6-year-old mare has a lump on the left side of her jaw that was caused by the halter being tight and rubbing her when she had the distemper two years ago. The lump is quite hard and matter passes from it at times. What can be done for it?—R. W. D., Athol, Kan.

In all probability the roots of the teeth are at the bottom of this trouble at present, and you can hope for no relief until the tooth has been removed and the opening enlarged in order to allow the pus to escape.

Distemper in a Dog.

Will you please tell me if there is any cure for distemper in a dog?—R. M., Ft. Scott, Kan.

Distemper in a dog is very hard to treat, but would suggest that you see your local veterinarian and have him treat him. It may be possible that the case would require only a little medicine and again it might be that the use of bacterins would be necessary to help him out.

After Effects of Wire Cut.

I have a 9-year-old mare that kicked over a barbed wire fence cutting the hock joint open from the front and severing the tendons. We are washing the cut with castile soap suds and some carbolic acid in water. Glycerine and a little carbolic acid mixed are put on the wound after each washing. After this wound heals will the leg be stiff and will the tendons grow back as they were?—P. J. S., Perry, Okla.

If the wound is properly taken care of and if the health of the animal is all right, there is no reason why this should not heal over properly and leave quite a usable leg, but in all probability it will be larger than normal and may leave quite a scar.

Probably Blood Poisoning.

I have a 7-year-old mare weighing about 900 pounds that was suddenly taken lame last August. She began swelling on the right hip and soon she could hardly stand up. There was a lot of pus under the skin and it finally broke out. She lived only six weeks after the trouble started. Can you give me any light on what it was?—F. F., Argonia, Kan.

It is possible that the animal injured herself some way, or even may have broken a bone, following which the pus being allowed to remain there, very likely she absorbed enough of it to affect the blood and blood poisoning was probably the cause of her death.

Cure for Halter Pulling.

I have a valuable Percheron mare that has the habit of pulling on the halter but is perfectly gentle in every other way. I am afraid she will injure herself some time and would like to break her of the habit.—S. D. W., Downs, Kan.

Would pass a small rope through either side of the halter back and around under the tail in the form of a crupper. Tie the front ends to the stall and you may in this way break her of the habit. This will bring all of her weight against herself and may cure her.

Fatal Hog Ills.

Last fall while on full feed of snapped corn one of my large hogs began scouring, passing a very dark, watery feces. She died a week later. Have just lost another with the same symptoms but this one was getting husked corn though not a full feed. Would like your opinion on the cause and treatment of this trouble.—J. H. G., Coffeyville, Kan.

The cause of this trouble is hard to locate. In all probability the shoat ate something that caused this condition as we can see nothing else from your description that might cause these symptoms. It is a question as to whether the corn caused it.



Making an Extra Profit

Like other keen farmers, you are after extra profits. Rich land pays you an extra profit over poor land. High-producing cows pay you an extra profit over average cows. The high-producing

SHARPLES Tubular Cream Separator

will pay you an extra profit no other separator can pay. This is because Tubulars have twice the skimming force, skim twice as clean, and produce the finest velvety cream. This extra Tubular profit appeals strongly to shrewd dairymen and business men.

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Catalog 156 and learn about extra Tubular profits. Ask for free trial and our exchange proposition.
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Why Smalley-Cut Silage Is Most Economical
This new chain grip-hook cutter is coining cash for 8-10 of the ensilage cutter owners in America! Many are cutting twice a year—corn in the Fall, green peas and oats in the Spring—to feed after the Summer pasture dries up. This is known as the "two-crop movement." Owners of "POWERFUL SMALLEYS" head this great national movement because this machine most perfectly and quickly cuts all manner of silage. It is most plain to fill the silo with this new force-feed machine.
No other cutter has the force-feed chain grip-hooks.

"POWERFUL SMALLEY" Force-Feed Ensilage Cutter—"Enormous Appetite"

Gigantic Saving to Silo Owners!
This force-feed machine, because it does faster work and cuts the silage so perfectly, saves its owners piles of good, hard dollars. The silo is now filled in half the time taken by the slower, flat-apron machine.
We Discarded the Old Flat-Apron Machine!
After manufacturing nothing else for 53 years, we threw it out for the new machine. Since then our



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and catalog combined. Tells amazing story of silage profits! Tells valuable secrets of great "two-crop movement", and all about the great time and labor-saving "POWERFUL SMALLEY". One book free to one address. Write today.
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Sold by dealers everywhere. Ask for color cards
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Judge this coffee

on cup-quality alone. True, it is the most economical coffee—more cups to the pound—but give it the taste-test. You'll find that

OLD GOLDEN COFFEE

has that aromatic flavor, that fine full-body that only real coffee can have. Only "old crop" coffees used in this famous blend. Carefully milled to clear away the chaff and dirt, roasted to the exact point necessary to develop the coffee oil, then into the box that holds the strength.

One pound will show you the quality that has made "Old Golden" famous.



35c at your grocers

TONE BROS.
Des Moines, Ia.

"There are two kinds of coffee, TONE'S and others."

See that the seal is unbroken.

15.95 AND UPWARD

AMERICAN SEPARATOR

THIS OFFER IS NO CATCH. It is a solid proposition to send, a trial, fully guaranteed, a new, well made, easy running separator for \$15.95. Skims hot or cold milk; making heavy or light cream. Designed especially for small dairies, hotels and private families. Different from this picture, which illustrates our large capacity machines. The bowl is a sanitary marvel, easily cleaned. Gears thoroughly protected. Western orders filled from Western points. Whether your dairy is large or small, write us and obtain our handsome new catalog. Address: **AMERICAN SEPARATOR CO. BAINBRIDGE, N.Y.**



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THE SMOOTHEST TOBACCO

tells its own story, and there's not a dry moment in it.

At all dealers
10c.

Every Farmer Can Now Afford A Champion Silo

At my prices there's no reason for feeding by the expensive dry-ration method. You can get the Champion, specially made for Western farmers at a price which saves you money right at the start.

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No. 1, for the man who wants a silo. No. 2, for the man who wants a silo and a cutter. No. 3, for a club of 2 silos and a cutter. No. 4, for a club of 3 silos and a cutter. No. 5, for a club of 4 or more silos and a cutter between them.

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Get the facts about the Champion money-saving proposition before you buy a silo. The best and most tempting silo offer ever made. Just tell me which proposition interests you.

Keller J. Bell, Mgr., Western Silo Co.
155 11th St., Des Moines, Iowa.

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to operate and repair automobiles in our fully equipped shop, giving training in vulcanizing, drill press and lathe practice, qualifying you in six weeks. Address: **LINCOLN AUTO SCHOOL, 2350 O St., Lincoln, Neb.**

Dairy Farming

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

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

Notice the effect of grass on milk? The dairyman can raise hogs cheaper than anyone else.

A little vaseline rubbed into cuts or chapped teats will soon heal them up.

Got the silo fever yet? It's spreading over the country in great shape.

It is work worth while to scald the calf's feed pail every day.

About 23 pounds of average milk should furnish enough cream to make a pound of butter.

Lack of thorough cleansing of the separator is one cause of flavor in butter being off.

It is a good plan to give a cow a bucket of scalded bran as the first feed after calving.

Where from 4 to 8 cows are milked the churn should hold from 6 to 10 gallons. Better a little large than too small.

Calves should have plenty of water as early as they want to drink it but it is best not to let them have it right after their milk feed.

Not a few of our dairy folks are going to raise a crop of cowpeas as hay feed for cows, this year. Cowpea hay is next to alfalfa and clover in milk-making qualities.

The Way to Make Sweet Butter.

[Prize Letter.]

Mr. Editor—I think I have found the best way of churning cream to produce sweet, wholesome butter. I take sweet cream 24 hours old and not more than 48 hours old and churn at about 60 degrees I have a separator and the cream will test about 30 per cent butter fat. As soon as the butter comes I take it from the churn and work out what little buttermilk is left in it, then salt. Try this way and see if you will not have the best and sweetest butter you ever tasted. I believe it is all a mistake to let the cream sour before churning. If the cream is too thick in the churn add a little water of the same temperature as the cream until it is thin enough to gather the butter. It is very easy to make butter of a small amount of sweet cream by beating it in a crock or dish. For this purpose I find nothing better than a patent egg beater which I received as a premium for a contribution to Farmers Mail and Breeze.

Mrs. W. J. Asmussen.
R. 6, Cherryvale, Kan.

Bermuda Grass for Milk Cows.

What is the value of Bermuda grass as a grazing crop for milk cows?—L. C. B. Jefferson, Okla.

Bermuda grass is the best grass that we have in Oklahoma today for pasture purposes, being rich in protein and milk producing elements. It not only holds the soil from washing and covers the land during the hot summer months, but it makes very good hay when well cured. Next to alfalfa, it has the highest per cent of protein, or that element which produces growth in young animals and furnishes a good milk food for older animals. It may not be so palatable at certain seasons of the year as clover and bluegrass, farther east, but it is the best that we have at this time for an all around-pasture grass. Alfalfa, of course, is more valuable but will only grow where the surface and soil conditions are right for it.

J. A. Wilson.
Director Experiment Station,
Stillwater, Okla.

Trial trip until July 1, 1912 for 10 cents, Mail and Breeze, Topeka, Kan.

DE LAVAL CREAM SEPARATORS

ARE THE MOST SANITARY

The up-to-date De Laval Cream Separators excel other separators not only in thoroughness of separation, ease of running, simplicity and durability—but as well in the important feature of being the easiest cleaned of all cream separators and the only cream separator which is thoroughly cleanable under ordinary every day use conditions.

The modern De Laval separator bowl is completely unassembled in cleaning and every part is smooth, visible and easily reachable, without hinge, tube, pocket or crevice anywhere. The whole bowl is washed thoroughly in a couple of minutes.

The frame is smooth and free from recesses and every part is as accessible and thoroughly cleanable as the bowl itself. The gears and bushings are protected from milk or water reaching them, and there is no slop under or around the machine.

QUALITY OF CREAM AND BUTTER DEPENDENT UPON SEPARATOR CLEANLINESS.

An unclean separator bowl or filthy separator frame necessarily means a bacteria infected and inferior quality of cream. Buyers of farm separator cream and buttermaking authorities generally are constantly emphasizing this point.

One of the prize winning creamery buttermakers at the last National Dairy Show recently wrote us:

"We are sorry for the use of so many 'mail order' and other inferior separators in our territory. It seems to be almost impossible to clean them, even though the farmers do try—and a good many of them don't even try. We wish you could do more missionary work to get these rotten separators out of the country. It is impossible for any buttermaker to make good butter from spoiled or tainted cream."

Any De Laval agent will be glad to take a modern De Laval machine apart for you so that you can see for yourself its simplicity and sanitarness of construction and how much more easily and perfectly it may be cleaned than any other separator.

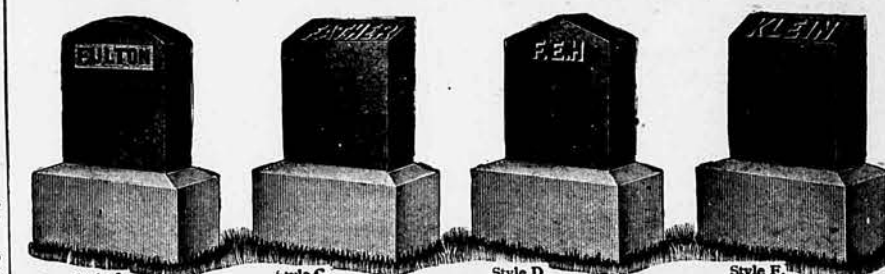
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You can order direct from this advertisement with perfect security. Simply select the style you wish, and also the kind of lettering, enclosing \$3.00 for the tombstone and the small amount which the lettering will come to. We will ship the tombstone to you direct from the quarry, and if you don't find it to be exactly what you wanted in every respect, write us for shipping instructions back to the quarry, and it won't cost you a penny.

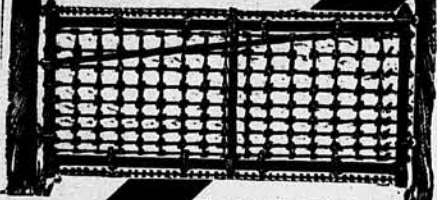
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Frame of high carbon steel tubing 1 5/8 inches in diameter. Braze seams. Heavy close mesh, well galvanized. Barbed wire top and bottom. Special latch. Forged hinges bolted through posts. Gate can be adjusted to swing over snowdrifts, uneven ground or to open over side hill. Splendid stock sorter.

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Gate Free I've got special free gate proposition for each farmer in each community who will help introduce my Trojan Gates. You can do it easily. Send post card now for full particulars. W. K. Voorhees.

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Ten Eyck's Replies TO FARM QUESTIONS

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

Sweet Clover Doesn't Bloat. Can you tell me whether or not Sweet clover will bloat cattle?—J. E. W., Wellington, Kan.

Sweet clover will not bloat cattle according to the reports of those who have had the most experience in pasturing that crop. The drug coumarin, which causes the bitter taste is said to prevent bloat. For your further information on this subject, I am mailing circular letter on Sweet clover.

A. M. TenEyck.

The Silo for Summer Feeding. We are raising cattle and have but 40 acres of pasture and one silo. Which will pay better, to put 30 acres of ground which will raise good silage, into grass or to build a silo for summer feeding?—J. E. W., Wellington, Kan.

Thirty acres well fertilized and well cared for, in silage crops will produce three or four times as much feed as the same area in pasture. I should certainly recommend the silo for summer feeding under the conditions which you describe.

M. TenEyck.

Shall I Plant Homegrown Potatoes? Is it advisable to plant potatoes that grew here last year? The potatoes did not get any larger than marbles till after the rains in the latter part of July, then they produced nice large potatoes by digging time.—L. V. H., Nuckolls county, Nebraska.

If these potatoes matured and made good sound tubers, they should make fairly good seed for planting again this year. Usually, northern grown seed potatoes will produce a better crop than homegrown seed. And since the local price of good eating potatoes is about the same as northern grown Ohio's this spring, it may be advisable to use the homegrown potatoes for the table and buy a good northern seed for planting.

A. M. TenEyck.

Harrowing Before Seeding Alfalfa. Mr. Editor—After six years of experimenting on seeding alfalfa I find it best to ride or weight the ordinary harrow at last harrowing before sowing. The last row of teeth will leave shallow furrows if ground is free of all stalks and other trash and well fined and firmed.

Unless the following and "necessary" rain on such preparation is very heavy these small furrows will remain. Six pounds of good seed sowed both ways (making 12 pounds) with broadcast hand seeder and lightly cross harrowed before crust begins to dry, will cover seed thoroughly. Most of the seed will be in rows. Our sandy red soils here (Dewey county) can be handled rather wet, and this plan will guarantee a good stand if it should forget to rain for some time after sowing. **MAX REIN, Cestos, Okla.**

Your plan of preparing a seedbed and seeding alfalfa on sandy land is good and may be successfully practiced by many farmers having light or sandy soil. The method would doubtless not work so well in heavy, sticky soil, since I take it, the quick seeding and harrowing after the rain is an important part of the method.

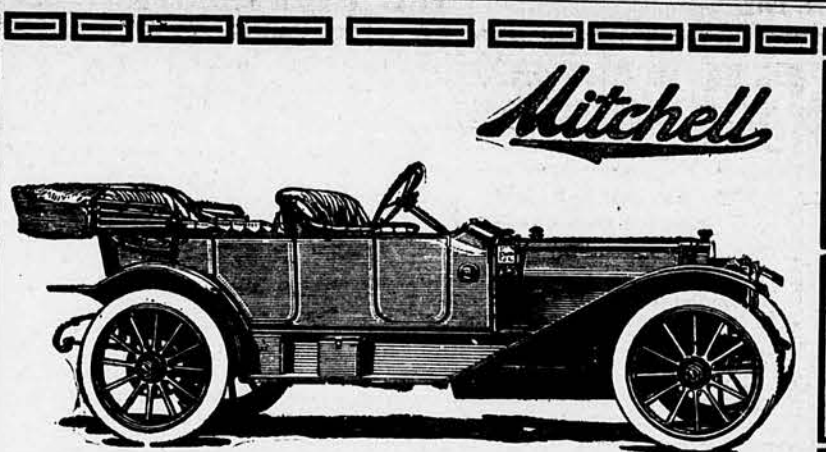
I favor the method of riding the harrow, in order to make it drag deeper and leave furrows, in nearly all seedbed preparation. Sometimes in preparing for alfalfa, especially if it is to be seeded with the drill, the last harrowing before seeding should be light.

A. M. TenEyck.

Seeding Bluegrass, Field or Lawn. I have about a half acre of wheat stubble I intend to sow to bluegrass. How many pounds would you sow and which is the best way to prepare the seed bed?—M. B., Sylvan Grove, Kan.

Sow Kentucky bluegrass in the early spring or fall. Prepare the wheat stubble this spring by disking and harrowing. Do not loosen the soil too deeply. I take it that you want this for a lawn or small pasture. In which case seed a rather heavy seeding of 40 pounds of bluegrass with 3 or 4 pounds of White clover seed per acre. Sow without a nurse crop as early as possible. Disc as soon as the soil is dry enough, then harrow after the first heavy rain and sow at once, harrowing again lightly to cover the seed.

Usually, to get a stand of Kentucky bluegrass on large fields I recommend seeding a combination of grasses, about 10 pounds of orchard grass, English bluegrass and Kentucky bluegrass seed



A farmer's reasons for buying a Mitchell car

EVERY farmer needs an automobile; most farmers realize this and many of them are buying cars.

Of course, the man who lives in the country doesn't have as good a chance to compare one car with another as the man who lives in the city, and so the farmer has to buy his automobile largely by his faith in the maker. Every farmer has faith in the famous Mitchell wagons; he can have the same faith in the Mitchell automobile, made by the same company.

Mitchell vehicles have given satisfaction for 77 years; they'll continue to do so for another 77 years.

When you spend as much money as you have to spend to get a good automobile, you want to be sure you aren't making a mistake in the car you select.

Mitchell cars are built for the man who can't afford to make a mistake.

With a Mitchell car you can save the time of men and horses, and make trips to town, to church, to the doctor and such things in one-fifth of the time it would otherwise take.

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- The Mitchell 60 Horse Power, 6 cylinder, 7 passengers, \$2250
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- The Mitchell 30 Horse Power, 4 cylinder, 4 passengers, \$1150
- The Mitchell 30 Horse Power, 4 cylinder, 2 passenger Runabout, without top, \$950

Whatever your needs, there's one for you in that list. Mitchell cars are beauties and service givers.

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Tells—How to Woo an Heiress—How to Court Bashful Girls—How a Lady Should Manage Her Beau to Make Him Propose Marriage—How to Catch a Rich Bachelor—Love Letters that Win—How to Win the Favor of Ladies—Wedding Etiquette etc. All subjects treated in a way most helpful to lovers. Sent postpaid for 10c.—3 for 25c. **STAR BOOK CO., Chicago, Ill**

per acre with a pound or so of White clover and a few pounds of Alsike clover. The grasses first named start quickly and furnish some grazing the first season. After two or three years the Kentucky bluegrass and White clover will thicken up and largely run out the other grasses. As far west as Lincoln county, Kansas, unless the land in question is well supplied with water, it will not produce Kentucky bluegrass successfully and the grass will be likely to kill out in a dry season.

For further information on this subject I am mailing Bulletin No. 175 on "Grasses" and circular letter on Kentucky bluegrass. **A. M. TenEyck.**

White "Sourless" Cane or Sorghum?

Someone in Kiowa county recently wrote in glowing terms of what he called "White Sourless cane" or sorghum. He said it wouldn't sour and the seed made good horse feed. Please give your opinion of this White cane. I can't find it listed in the catalogs. —S. C. B., Edmond, Okla.

I do not know the "White Sourless cane." We are growing a dwarf white seeded cane at this station, which matures very early, and if well cured before freezing weather it keeps without souring. Also the seed is better feed than other cane seed, being sweeter and better relished by stock.

Any sweet sorghum will sour if it freezes and thaws while the sap is still in the stalk. If cane is well cured so that there is little sap in the stalks or if it is kept from freezing and thawing it should not sour. Well cured cane fodder stored in large stacks or in a shed will keep in good condition for several years. In my judgment, therefore, there is no "sourless" sweet sorghum, but some varieties of cane are less sweet than other varieties and may not sour so readily.

I am mailing list of growers and dealers, some of whom offer white sorghum and "sourless" cane seed for sale. **A. M. TenEyck.**

Sow Rape in Rows and Cultivate.

Having read in the Mail and Breeze about rape for hog pasture I want to sow some in an old hog pasture where we have tried to get a stand of alfalfa and failed. Would it be all right to sow it for spring pasture and then sow alfalfa in the fall? Would it be all right to sow oats with it? I have taken Farmers Mail and Breeze for some time and could not do without it. It is a fine paper for everyone and anyone could make a success at farming if they would follow its guidance.—O. W. G., R. 4, Esbon, Kan.

I am mailing circular letter giving considerable information on rape culture. The old hog pasture which has been repeatedly prepared for alfalfa ought to be in good condition to grow rape. Rape requires fertile soil and not too weedy. You may sow rape early this spring, either broadcast or in rows. The plan of planting in rows and cultivating is really the preferable method. Sow 4 to 6 pounds of seed per acre in close drills or broadcast; 2 or 3 pounds per acre is sufficient for planting in rows 3 feet apart. The seedbed should not be loosened deeply. If this soil is clean, simply harrowing should put it in good condition to sow rape. For hog pasture prefer to sow rape alone rather than with oats.

Rape will grow all summer if not pastured too closely. In fact, it is best to divide the field and pasture each part alternately, allowing the growth to be renewed in one field while the other is being grazed down. However, you may prepare this land for fall seeding of alfalfa by disking early in August and harrowing the soil to a good seedbed condition, seeding alfalfa about September 1. In order to have a good seedbed for alfalfa it will be necessary to keep the weeds down in the rape. Hence one advantage of planting in rows and cultivating. If the land becomes weedy it will be advisable to plow shallow in July and work the ground during August, to thoroughly pulverize and settle the soil and put it in good seedbed condition by September 1.

Your compliments to the Mail and Breeze are fully appreciated. **A. M. TenEyck.**

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

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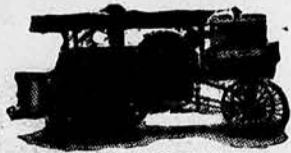
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CROPS AND LIVE STOCK

POSTAL CARD REPORTS.
By Correspondents of Farmers Mail and Breeze.

Farmers have been getting in some good licks this week and last that will help in catching up with farm work which is about three weeks behind the season. Oat seeding and getting corn ground in shape are the two main jobs on the average farm at this date. Next week will see corn planting begin in many sections of Kansas. Oklahoma planting has been in progress generally through the week.

Fall sown grain and alfalfa are showing up in fine shape and pastures greening up are a glad sight to the man with stock. The wheat outlook continues very promising although the warm weather is now showing up winter damage in spots here and there where snow left

Saturday, April 27, our crop reporters are requested to make a special report on winter damage and spring condition of wheat, 100 per cent to represent a perfect stand.

them bare during the severe weather of last winter. Another week of warm weather will show pretty clearly the extent of the damage.

Everybody is planning for a heavy acreage of feed crops and this is not to be wondered at considering the experiences of the last four months. Kafir, especially, will be heavily planted and it is probable that Kansas and Oklahoma will this season see the largest acreages ever planted to this crop. The general report is that cotton will not be grown as extensively in Oklahoma as in previous years.

According to reports made by the crop correspondents of Missouri's state board of agriculture, the average condition of wheat in that state on April 1 was 78 per cent as against 91 per cent a year ago. It was the dry weather that hit the crop later in the season last year. Present conditions in the soil are far more favorable than one year ago. The Missouri board advises farmers to go slow in plowing up any wheat at this time as it is too early yet to judge the real condition of the crop.

KANSAS.

Hodgeman County—Wheat is looking fine. A large acreage of spring crops will be put out. Seed potatoes are out of sight. Kafir 72 cents, eggs 15, butter 25.—E. N. Myler.

Pawnee County—Spring work is in progress. Wheat is showing up well but some that was under a crust has turned over. Oat acreage will be large, corn moderate. Grass showing up well and weeds are thick. Hay is high. Wheat \$1.03, corn 80 cents.—F. G. Haney.

Linn County—Spring work is late on account of long winter. Farmers are impatient to supply feed. Some stock has been turned on grass. Large acreage of Kafir will be put out. Prairie hay is selling at \$18 and hard to get. Corn 85 cents, eggs 17.—C. T. Baker.

Rooks County—Very nice weather since winter let up. Much loss of stock has been reported the country over, due to short feed and hard winter. No wild pasture yet but wheat will soon be ready if present weather continues. Some wheat has winter killed. Oat sowing in progress and corn planting will begin next week.—C. O. Thomas.

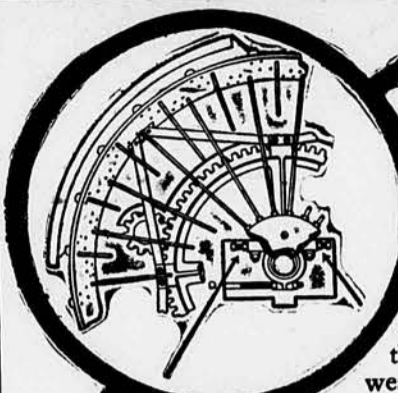
Morris County—Little farming has been done yet but expect to get started this week. Wheat coming on nicely. Bluegrass getting a start. Fruit prospects are good. Cattle in good shape considering hard winter. Some farmers are running short of rough feed and none to buy. Hay \$16, cottonseed \$27.50, corn 75 cents.—J. R. Henry.

McPherson County—Have had a few days of sunshine but no spring work has been done yet. Feed about all gone. Some oats will be sown in spite of late season. Corn acreage will be large. According to reports wheat fields that were swept by wind last fall are dead. Spring crop of pigs is a failure so far.—John Ostlund, Jr.

Republic County—Warm weather last week started wheat to growing nicely. There are some reports of winter damage in spots where fields were swept bare of snow. Grass is starting and will be very welcome as roughness is scarce. Oat seeding in progress. Acreage will be light. Considerable corn going to market at 70 cents.—Ed Erickson.

Gray County—Ground is thoroughly soaked and still too wet to sow oats. Spring seeding will be late and the acreage may be reduced. Prospects for a good wheat crop were never better. Stock is doing well now, being turned on the range with a feed at night. Feed about used up. Much cotton cake has been fed. Eggs 15 cents, butter 27.—A. B. Alexander.

Pottawatomie County—Most wheat fields are O. K. but some are badly damaged. Stock came through winter with very little loss but all rough feed will be used up. Cows and horses bring good prices at sales. Roads have dried off and road drags are



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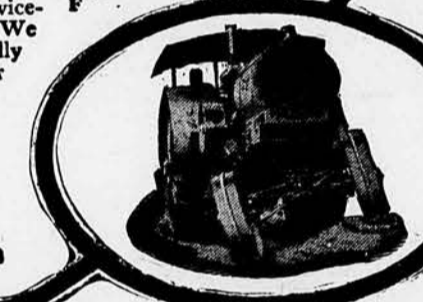
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now in general use. Hay \$15, seed potatoes \$2, seed oats 60 cents, eggs 15, butter 20, cream 27.—W. H. Washburn.

Graham County—Wheat prospects are fine and the crop outlook for this season is encouraging. There have been a few reports of wheat damage but not many. Hay \$12 to \$18, potatoes \$1.50 to \$2, corn 75 cents, butter 23, cream 26, eggs 15.—C. L. Kobler.

Cloud County—Most of wheat looks fine but there are some complaints of damage on high ground. Farmers busy sowing oats. No potatoes planted. Stock in fair shape and feed holds out well. Many sales being held and good horses and cows sell well. Thousands of young fruit trees were ruined by rabbits. Seed corn and potatoes very scarce. Hay \$10 to \$12, potatoes \$1.75, oats 60 cents, corn 70, eggs 15, butter 20.—W. H. Plumly.

Grant County—Little or no small grain will be sown this spring on account of the late season. Snow was on the ground here from October until April. Soil is in fine condition but little farm work has been done. Grass is beginning to come out. Milo 75 cents, corn chop \$1.90 per 100 pounds, eggs 15, butter 25, butter fat 28.—J. L. Hipple.

OKLAHOMA.

Canadian County—Wheat is backward. Oats are greening up and corn planting has begun. Large acreage of alfalfa being put out. Hay scarce and is selling at \$16. Alfalfa seed \$8, corn 90 cents, oats 73.—H. J. Earl.

Kiowa County—Oats growing fast and wheat and alfalfa are in the best of condition. In another week grass will be thick. Some corn planted. Large acreage of corn and Kafir will be planted but less cotton.—Mrs. Alice Henderson.

Mayes County—Oat sowing in progress but ground is wet. Farmers are far behind with farm work. Oat acreage will be small on account of seed being scarce. Cattle scarce and high. Much talk of a railroad coming through this country.—L. A. Howell.

Kay County—Ground just getting dry enough to work and oat sowing is being rushed. Wheat coming out in great shape but some fields were damaged by freezing and thawing. Hogs \$7.20, hay \$15 to \$18, butter 18 cents, eggs 15.—Sherman Jacobs.

Custer County—Settled spring weather since March 29. Oats all up and corn planting began last week. Wheat looks well and some is being pastured as feed is scarce. Alfalfa is 3 inches high. Grass not making much pasture. Butcher cattle scarce. Eggs 12 1/2 cents.—E. E. Baker.

Kingfisher County—Fine growing weather and oat sowing is being finished. Grass is coming on and some have quit feeding. All feed is scarce and grass is more welcome than ever I knew it. Wheat and alfalfa growing fine. Hay \$15 to \$20, corn 85 cents.—H. A. Reynolds.

Beaver County—The late season has put farmers behind with their work. About usual acreage of oats being sown. Wheat looking fine with plenty of moisture in the ground and every prospect for a good crop. Stock in fair shape. Kafir 56 cents, butter 20, potatoes \$1.80.—M. B. Edwards.

Garfield County—This spring weather is ideal for oats and wheat. Oat acreage is larger than last year. Wheat acreage about 75 per cent of last year's crop, is looking good and shows a fine stand. Some corn being planted but ground is wet. Feed stuff about gone. Corn 81 cents, Kafir 80.—H. C. Waggoner.

Tulsa County—Have had rain must of the time the last five weeks and all farm work is a month late. Most of oats sown but acreage will be smaller than usual. Wheat not showing up well. Pastures starting. Alfalfa looks fine. Cattle and hogs are scarce. Hay \$12, corn 85 cents, oats 67, eggs 15, butter 25.—W. H. Booth.

Comanche County—Ground is too wet at present for field operations. Corn planting will begin as soon as weather permits. Condition of early sown wheat is very promising, late sowings fair. Oats looking fine and the acreage is large. Pastures greening up. Stock came out of winter in fair shape with no losses reported.—Fred E. Wiersig.

Woods County—The season is 30 days late. Wheat in eastern part of county covers ground nicely but in western hill country is slower on account of late sowing and grasshoppers last fall. Spring has been hard on the pig crop. Milk cows are selling at \$50 to \$70, good mules \$200, brood mares \$150. Hogs \$6.75, butter 20 to 25 cents, eggs 18.—W. C. Douglass.

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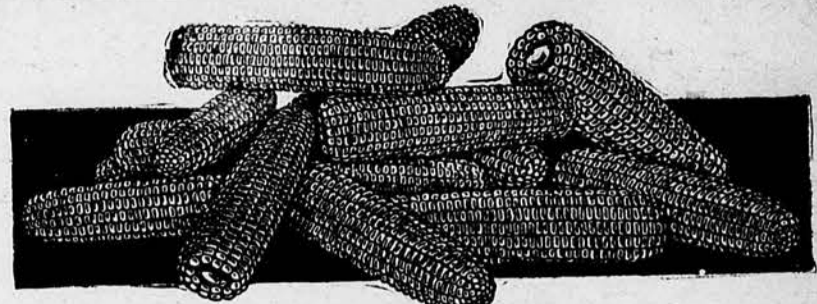
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Here is the most attractive Free Premium offer ever made! It is an offer which should bring 50,000 new subscriptions to our popular farm magazine during the next few weeks. Everyone loves flowers and the one special favorite of all is the Rose. In order to make this by far the most attractive and most winning offer ever advertised we have secured a superb collection of six of the most beautiful roses to be found in America. They are not cheap, common varieties—they are the rarest and most famous plants ever offered. They are well-rooted, strong and healthy—guaranteed to give satisfaction or money cheerfully refunded. We head this big-value collection with



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This latest and most beautiful variety is alone worth more than the small sum we ask you to send on this special offer. In this newest Rose creation we offer you an improved and glorifying, monthly blooming plant, with flowers of pure citron-yellow, outer petals edged with the slightest tint of rose. A variety of most vigorous growth and winner of many premiums at horticultural shows.

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The other Roses included in this most exceptional offer are all first quality plants, carefully packed and sent prepaid at proper time for planting. They are as follows: The wonderful new CRIMSON BEDDER; the HELEN GOULD, a magnificent, velvety, pink everblooming; the BETTY, a remarkably fine shade of golden yellow; the MME. JENNY GULLIMOT, finest silvery-carmine rose ever offered; the WHITE MAMAN COCHET, snowy white, with rich, full flowers. This liberal offer is made solely for the purpose of advertising our big farm paper, The Mail and Breeze. Here is our offer. We send all the above collection of six fine Roses with One Year's subscription for only \$1.00. Order at once before they are gone. Address

FARMERS MAIL AND BREEZE, Rose Dept., 801 Jackson St., TOPEKA, KANSAS

A New Interest For Farm Women

BY FRANCES L. BROWN,
Extension Service, Kansas Agricultural
College.

[Written for Farmers Mail and Breeze.]

Though the organization of women's auxiliaries for farmers' institutes is a new movement in Kansas nearly 700 farm women have already joined it. They study the home side of farm life, meeting once a month to participate in an interesting social program. As Miss Brown explains, three or more women in any community may form such a society. It is a splendid plan for creating a new interest in home life and acquiring knowledge of new and better methods of home management.—Editor.

One of the newest educational organizations in Kansas for women is the women's auxiliaries of the farmers' institutes. These auxiliaries have a complete organization, with officers, constitution and by-laws, and their purpose is the promotion of home interests. It is the intention to have an auxiliary in connection with every farmers' institute in the state, but it is not necessary for the women of a community to wait until a farmers' institute is formed before organizing an auxiliary. They can go right ahead and then when the men come trailing in, as they will, as soon as they see what the women are accomplishing, they will be ready to offer more effectual assistance. Any community in town or country, may undertake the work. So may any organization of women already formed, and what is more, they may take up the work at any time during the year. Right now is, of course, the very best time. Lumber don't count; wherever there are three or four women who can meet together once a month and who so desire, an outline of work will be sent to them and they may enter at once upon the enjoyment that it will bring.

The Monthly Meetings.

The program at the monthly meetings consists of papers, talks and reports and may be made more interesting by the addition of music or a social hour. Sometimes the programs are arranged to fill the afternoon until supper time, when the other members of the families are invited and all sup together. The programs are based upon suggestive programs sent out by the Agricultural college at Manhattan. Upon the back of the program is printed a list of magazine references bearing upon the subject under discussion, as well as a list of state and government bulletins that treat of the subject. In many instances these bulletins are sent directly by the college to the members. Here is a suggestive program for women's auxiliary meetings:

- MAY, 1912.
- CANNING AND PRESERVING.
Roll Call by One-Half Minute Talks on Kinds of Jars.
Principles of Canning and Preserving.
Methods Employed and Relative Value of Each.
Possibility and Need of Canning More Vegetables.
How to Can Vegetables Successfully.
Fruits and Vegetables Best Adapted for Canning and How to Prepare Them for Canning.
Preserves and Jams, Their Use and Abuse.
Canned or Bottled Fruit Juices.
Jelly and Jelly Making.

The College Co-operates.

There is no expense unless the members care to have a membership fee, which is usually the case and which is recommended by the suggestive form for the constitution and by-laws which the college supplies. The fee remains in the community to be used to cover local expenses, furnish prizes for the contests, or to send a delegate to the annual meeting of the state institute at the Agricultural college. The assistance given by the college is entirely free, as it is one of the methods of the college extension department to take the college to the people. This assistance includes, besides furnishing the monthly programs, magazine references and bulletins and constitutions, information required by any member, or special programs for other occasions than the regular meetings. The college also furnishes material for the unusual items of the programs.

There are 675 women in the auxiliaries now existing, who by means of this or-

ganization each month are thoughtfully studying and giving as well as gaining valuable information on some definite subject connected with their homes. Any one interested may arouse a sentiment for such an organization in her community, or gather together a group of women who will be the nucleus about which others may come.

Questions For Cowpea Growers

A DISCUSSION TOPIC.

We want to ask cowpea growers for a chapter out of their experience that will help out a large number of Farmers Mail and Breeze readers who are after just this kind of cowpea information. There are three general ways of growing the crop; first planting alone in middle or late spring; second, planting on ground from which grain crops have been harvested, and third, planting in corn at the last cultivation. All things considered, what have you found to be the most satisfactory way and what conditions will alter the case?

BIG CAMPAIGN OFFER!

Weekly Capital From Now Until November 15 for Only Ten Cents.

If you will cut out this notice and return to us in 20 days with 10 cents we will enter your name for a paid-up subscription to the Kansas Weekly Capital from now until November 15.

We are printing in the Weekly Capital the most important campaign news—in addition to the many other special articles and departments which have made the Capital the greatest weekly newspaper in Kansas.

Get all these good things at the lowest subscription price ever quoted—10 cents from now until November 15. Cut out and mail this notice to Weekly Capital, Dept. C. O.-10, Topeka, Kan.

Dope for Rats and Mice.

Mr. Editor—To get rid of rats drop about 1½ ounce of sulphide of potassium in each rat hole found around buildings. Use a piece of leadpipe as a funnel to get it down in the hole and the rats will leave. For mice, mix some tartar emetic with any favorable food they will eat and place where they will get it. This makes them sick and they will soon take their leave.
F. L. Gilbert.

R. 3, Madison, Kan.

WORLD'S GREATEST SEED CORN— "GRAND CHAMPION" WHITE. TWO POUNDS FREE TO EACH SUBSCRIBER.

I am going to give free to my subscribers a limited quantity of the world's purest and best seed corn—"Grand Champion" White—grown from the bushel which was awarded first prize at the Omaha Corn Exposition, Omaha, Nebraska, and for which I paid \$280.00 cash.

I gave some of this seed corn to Mr. H. V. Cochran, one of the most expert seed corn growers in America, and the seed which I offer here was grown from the prize bushel and you will find it the equal of the original bushel, which brought perhaps the highest price ever paid for a bushel of seed corn.

The corn is a large pure white, deep grain, matures in less than 100 days and is an extra heavy yielder.

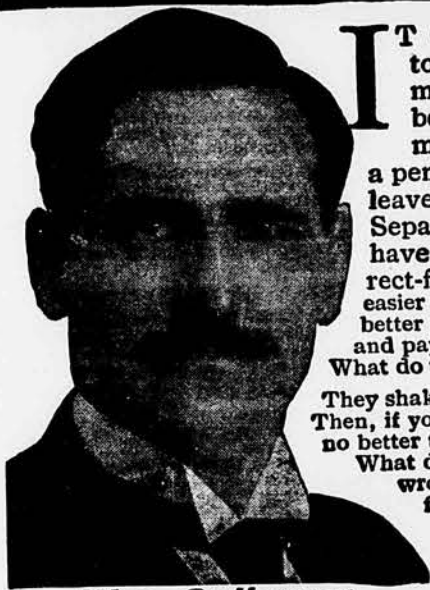
I have had this "Grand Champion" corn put up in one pound packages, all ready for mailing.

As long as my supply lasts I am going to give it away on these very attractive offers: Two pounds of corn and a year's subscription (new, renewal or extension) to Farmers Mail and Breeze—for \$1.00 I will also give you two additional pounds for each new yearly subscription you send me, other than your own, at the regular rate of \$1.00 a year.

You pay nothing for this corn—it is mailed to you, postpaid, as a free gift for your own or your neighbor's subscription to The Mail and Breeze at the regular rate—2 pounds with each yearly subscription.

I have only a very limited quantity, and can secure no more at any price when this supply is gone. Send your subscription or renewal at once. If too late, I will notify you and return your money, Address,
Arthur Capper, Publisher Mail and Breeze, Topeka, Kansas.

Dealers Add \$20 To \$45 To The Price— But Not A Penny To The Value!



Wm. Galloway President

IT COSTS a certain amount of money to manufacture a cream separator. No matter how many hands it goes through before you get it—no matter how many middlemen boost the price—not a penny's worth of value is added after it leaves the factory. If the Galloway Cream Separator were sold through dealers you would have to pay from \$20 to \$45 more than my present direct-from-factory price—yet the separator itself *couldn't* be easier to turn, *couldn't* skim closer, *couldn't* last longer, *couldn't* be a whit better than it is now. Why should you, Mr. Farmer, support the middleman and pay tribute to his system? *That's what you do* when you buy the long way. What do the middlemen do for you if they can't add quality?

They shake your hand, smile, say "good morning" and engage you in a long conversation. Then, if you buy, they must charge you \$20 to \$45 more than my price—for a cream separator that is no better than the Galloway for Quality! Is the conversation worth it? My customers all say no. What do you say? I'm not blaming the dealer. He can't help it—it's his expensive system that's wrong. Two or more profits are added before he gets his separators out of the box. The manufacturer must have his profit. Then, of course, the dealer must have his also. So his price must include all these profits, to say nothing about the traveling salesman, swell hotels, cigars, railroad fare and bad accounts. Here's what the Galloway plan means. You are your own dealer, agent and salesman. You sell yourself a Galloway separator and pocket the middlemen's profits. You send less money "away from home" when you buy from Galloway than the dealer sends when he buys through the other system even if he buys in carload lots and pays spot cash. The difference is you don't support a lot of middlemen when you buy from Galloway.



Free
Send
Your
Name
Now!

Galloway's ^{Bath in OIL} Cream Separator

Let me tell you something about Quality. I have sold thousands of Galloway Cream Separators on 30, 60 or 90 days approval test, freight prepaid, guaranteed for 10 years and backed by my \$25,000 legally binding bank bond. If the Galloway wasn't right, thousands of them would come back. How could I stand that? I *couldn't*. I insist first on the high quality. Then figure on a large quantity. Then make the low price. I have always worked on that plan, always will and the growth of our business proves that it's right. I make you the same offer I have always made—30 to 90 days approval test, 10 years guarantee. I pay the freight, I give you my \$25,000 bank bond guarantee. You can try the Galloway any way you like, in competition with any others, no matter how high priced and you decide whether it's the one you want or not. If you vote against the Galloway, I'll take it back on your say so, refund your money and pay all return charges. You simply *can't* go wrong when you try or buy a Galloway.

A Special Proposition to 10 or More Men In Every Township

Good news spreads like wildfire. When I get a Galloway Cream Separator on a farm I get many orders from my customers' neighbors. I didn't realize this until so many letters came in saying "I saw your separator on so and so's farm and I want one just like it." So you see how I can afford to shave my price way

down to the bone to get 10 or more Galloway Separators in every township. That's just what I'm doing. My special offer is just what you've been waiting for. It will make the middlemen knock me even harder than ever. But it will enable me to let many thousand more farmers know what Galloway quality and Galloway prices mean to them. And these farmers will then be boosting for me and sending thousands more of customers to Galloway every year. Don't you want my special offer? Don't you want to read about Galloway Quality? Don't you want to read what my customers say?

WRITE!

Just mail me the coupon or a postal. I'll send you some red hot proof! I'll make you a price that will leave \$20 to \$45 in your pocket if you've been thinking of buying from a dealer, or anyone else. My book will please you. My price will please you, my fair and square methods will please you. My Separator will please you or Galloway loses. Why not write me now. The coupon or just a postal will do.

WILLIAM GALLOWAY, President
The William Galloway Company
203AE Galloway Strtion Waterloo, Iowa

30 to 90 Days FREE Trial

Longest and Strongest Guarantee

Write Now For My Big FREE BOOK and Personal Proposition

Just a Postal Will Do



What They Say!

H. W. Schwobe, Chilton, Wis.—I saved just \$54 as the same size of other machines would cost me \$110 at home here.
A. F. Matzke, West-ern, Nebr.—Our separator is the best of any I have ever seen. We saved \$40 in buying a Galloway.
H. A. Giese, Chapman, Nebr.—I think the No. 14 is big enough for any man that milks from 10 to 20 cows. I saved \$40 by buying from you

Galloway's Customers Know

M. A. Rosenwater, Ferryville, Wis.—The saving on price on your separator is around \$40 than if you buy from agents handling for companies.
Elmer W. Kraus, Lena, Ill.—I have saved enough difference in the price of this machine so I can buy a cow with what I save on the difference.
W. J. Estep, Elm Creek, Nebr.—We have used the — and — and believe the Galloway is the best constructed, most convenient and closest skimming separator we have ever used. We would not exchange it for any other machine we know of.
Abel Carlson, Turlock, Calif.—The old \$100.00 — was moved to a corner of the separating room. My No. 14 Galloway separates three times as fast and skims closer.
Theo. Norderum, Everson, Wash-ington.—I have used an — and — but for close skimming and neatness of construction and easy running the Galloway beats them all.

Mail Coupon or Postal for Free Books

Wm. Galloway, President, 203AE Galloway Station, Waterloo, Iowa.

You may send me free and prepaid, your big, New Cream Separator Book, also your book of letters from users and your Big Special Offer. Also Free General Line Catalog.

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

Poultry Keeping

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

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

Vinegar diluted with warm water is good for cleaning stained eggs.

Ducks will do better on ground than on whole grain. Wet it a little.

It doesn't take long for a broody hen to spoil an egg for table use. Keep them separate.

Let a chick get thoroughly chilled and it is usually all off with him. Even

Found at Last.

Dear Sir:—Knowing that bowel trouble in little chicks is the worst disease we have to contend with, you may print the following if it will benefit others: "I have been in the poultry business for fifteen years and have lost thousands of the little downy fellows with this most awful disease. A lady recommended Walker's Walko Remedy, so I sent 50c (M. O.) for a box, to the Walker Remedy Co., L. 6, Lamoni, Iowa, and am thankful to have at last found a preventive. It is the first medicine I have found that would prevent, also stop bowel trouble or white diarrhoea among little chicks." Miss A. Sargent, Sarcoxie, Mo.

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Good Paint is the only thing that will save your house from decay. We sell it at factory prices and guarantee it for 5 and 7 years. You save the dealer's profit. We mix our paint—ready to use, and pay the freight. We offer two gallons, free to test, out of an order. Return balance at our expense if the two gallons are not satisfactory and get all your money back. Write today for our Free paint book, color cards and instructions how to paint. Don't buy stale paint with no life in it. Buy fresh made to order guaranteed paints from

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Dept. 81, 1220-24 Uzzett Bldg., ST. LOUIS, MO.



The Safety Hatch Incubator

This is the latest improved incubator and by reading our catalog you will discover it has features never before applied to an incubator. It is fireproof, has a sliding lamp that holds oil enough to run ten or twelve days, and it is a perfectly sanitary machine, as the top raises and all of the insides can be taken out and cleaned. Every piece of lumber in it is kiln dried. Ask your dealer for a SAFETY HATCH catalog or write us.

ONE MINUTE WASHER CO., EL RENO, OKLAHOMA.

10 CENTS gets 1 Signet or Bang Ring, 1 Watch Chain, 1 Fountain Pen, 1 Whistle, 1 Im. Gold Tooth, 1 Stick Pin. 20 Kiss and Fun Cards. Just to introduce our Big Catalog—All for 10 CENTS. STAR NOVELTY CO., Chicago, Ill.

Kouns' Galvanized Steel Stackers, Rakes and Sheds Make Good Hay.

LET ME SHOW YOU.

Wesley Kouns, Dept. A, Salina, Kansas

HOW TO BE HAPPY THO' MARRIED.

A book every married couple and those about to be married. Tells you the little things you ought to know, which few people will tell you before you are married. You'll be spared all the serious troubles that come. Tells you what to do and what to expect; what not to do, what not to expect. Courtship, engagements, presents, quarrels, mother-in-law, privileges of engaged. Also contains complete story "DID SHE DO WRONG?" and 10 New Jokes. Price 10c for 20c. STAR BOOK CO., CHICAGO, Ill.

if he recovers he will never make the same headway as the rest of the flock.

Plant a row of the large, tame sunflowers along the fence for hen feed at moulting time next fall.

After chicks are a week old whole Kafir makes about as good a single grain as can be fed to make weight.

Powdered charcoal in the feed is good for bowel trouble and plenty of grit has the same effect.

A box of ashes under a clump of shrubbery will be greatly appreciated by the hens in warm weather.—Mrs. L. Eastman.

Many people have the idea that brown shelled eggs are the richer but the difference between white and brown eggs is only in the color.

Just now is the time to get the start of the lice and a good first move is to thoroughly clean out the house then squirt some kerosene around pretty lively over the walls, roosts, and nest boxes.

Dry Grain Best for Chicks.

[Prize Letter.]

Mr. Editor—I have found that dry grain is the best feed for young chicks. I feed mine milo or Kafir the first feed when the chicks are 24 to 36 hours old. I give them plenty of fresh water and their drinking vessels are washed out every day. I seldom have chicks sick with diarrhea. Even after a flock of chicks get this trouble when bread or dough have been fed, it is well to change to dry grain and thus often save most of the flock. Wheat would be a good feed too, but we raise milo and Kafir here. A little copperas put in the drinking water every few weeks is a good disease preventive.

Mrs. W. A. Townley.

R. 4, Manitou, Okla.

A Word for the Cornish Games.

Mr. Editor—Someone asked recently for a breed which possessed the good qualities of both the Leghorn and the Plymouth Rock. I discarded both breeds years ago for the Cornish Indian Game, which is an excellent table fowl. The broad, deep breast carries an abundance of meat more juicy and sweet than that of a young turkey. They lay well and the chicks grow fast, often weighing a pound at 1 month old. The weight of the matured stock is 9 to 11 pounds, hens 7 to 9. The male bird is almost black, with a golden bay on wing. The breast of female is golden bay, each feather laced with a metallic, glossy green, the wings are barred golden bay. The legs and skin are a deep orange yellow, making them a desirable market fowl. I have bred Cornish Indian Games exclusively for 15 years.

Mrs. E. Condor.

Greenwood, Mo.

Get a Government Job.

All interested should write to Franklin Institute, Dept. A 178, Rochester, N. Y., for free list of Government positions. open.

FREE TO POULTRY RAISERS.

Great Book of Money-Making Poultry Secrets—Given to Mail and Breeze Readers.

The well-known poultry authority, Mr. Reese V. Hicks, has written an intensely interesting and practical book that should be in the hands of every person interested in raising poultry for profit.

This book is "Tricks of the Poultry Trade"—the one different, desirable poultry book of the year. Among the many valuable secrets found only in this book are the following: Three methods of selecting the laying hen; A sure and certain method of selecting eggs for hatching; How to raise 500 chickens on a lot 30 by 40 feet; How to build a natural hen incubator; How to build feed hoppers and fireless brooders; How to make feed at 10 cents a bushel; How to make winter egg ration, poultry feeds and tonics, egg preserver, louse killers; How to grow pullets that lay young and make a large egg yield; How to handle incubators to best advantage; The trick of securing more pullets than cockerels; How to tell age of eggs and fowls; How to prevent lopped combs.

All these and many more subjects—too numerous to mention here—are fully covered in this great book. It is big value for two dollars of anybody's money—but we're giving them away FREE on this plan: We will give you one year's subscription to Farmers Mail and Breeze, one year's subscription to Poultry Culture, the best poultry journal in the West, and one copy of this great book of poultry secrets—all for only \$1.25. State whether you are an old or new subscriber. Address at once, Arthur Capper, Publisher, Topeka, Kan.

A Hay Press That Carries Its Own Power Plant

Combination Solid Steel, Big-Capacity Press With Gas Engine Mounted on Same Truck

This sensational Money-Making Hay Baling Outfit, which we introduced in 1910, has just about doubled the profits of the hay baler. Many balers cleaned up \$10, \$12 and even \$15 a day right along. Hay now commands a big price, and everyone wants their baled.

It's a compact, big-capacity, all-steel press, handling 2½ to 3½ tons per hour. Carries its own power plant, completely equipped. Easy to move. Coupled up short, you don't need a 40-acre field to turn it around. Always ready for business. You can get in a big day's work every day. The press has a big feed opening. It's a self-feeder, too! Feeds direct from fork. Friction clutch sprocket on press. Lever convenient for feeder; starts or stops press instantly. No condenser box, no dangerous foot tamping, no balance wheels, no complicated gears, no high-speed machinery. Simple block dropper. Extra-length tying chamber. Lever brake. **IT'S A WONDER FOR WINDROW WORK.**

2½ to 3½ Tons Per Hour



A Wonder for Windrow Baling

Sandwich Motor Press

Engine is the very best quality. Hopper-cooled type—requires little water. Has both batteries and magneto. Heavy steel roller, chain drive. No belts to lose power or cause trouble. Chain delivers full power of engine.

Comes completely and fully equipped. Engine can be removed for other work. Can furnish outfits with 4, 5, 7 and 9-horsepower engines.

Both press and engine are of the very best quality—made for hard, continuous service—yet the cost of the outfit is very reasonable.

Horse-Power Presses, Tool

We make a complete line of hay presses—not only motor presses, with which we furnish engine (or you can use your own engine), but horse-power presses of the very latest type—steel frame or wood frame—small or large capacity.

Catalog FREE

Few people realize how well hay-baling pays. Baled hay is in tremendous demand every place. It's shipped all over the world. Pays every farmer big to bale his hay. Pays you big to do the baling!

Send us your name and address on a postal TODAY, stating whether you wish a motor, belt or horse-power press, and we will send you our latest catalog showing the complete line of Sandwich Presses. The catalog will also give you a good idea of the big profits in hay-baling. (59)

Sandwich Manufacturing Company, 160 Main Street, Sandwich, Ill.
Branches: Box 160, Kansas City, Mo.; Box 160, Council Bluffs, Ia.

Save Your Chicks

We can help you. Send names and addresses of 10 Poultry friends and receive our 32-page book on "WHITE DIARRHOEA, the Greatest Foe to Chick Life." This book makes Poultry Profits possible. Gives care and feeding of chicks; also gives cause and guarantee cure for bowel trouble. Above book and sample of F. K. Tablets FREE, postpaid, for the names. Write today. The value will surprise you.

F. K. REMEDY CO.,
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KLENENE The modern cleaning preparation for all fabrics. Full size can sent by mail postpaid for 35c. No danger. Guaranteed the best cleaner on the market. Agents wanted in every county.

KLENENE MFG. CO., 151 So. Broadway, Denver, Colo.

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

BIG FREE CATALOG SEND for Our Big Free Auto Catalog. Just out. Everything for your automobile at wholesale prices. **AUTO SPECIALTY CO., Dept. 2, 1616 Grand Ave., Kansas City, Mo.**

WANTED—CLUB RAISERS

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

The Fostoria Incubator

KANSAS MADE

Here is an incubator equal to the best on the market, an incubator that has been thoroughly tried and has proved its superiority, made of the best redwood lumber, and worth the price. It has a double acting regulator that acts quickly and surely and always equipped with Taylor Brothers' "Tycos" thermometer, the best made. Requires less oil than any other incubator. It hatches the hatchable eggs. Find out about the incubator that is made in the good state of Kansas. Two sizes, 150 and 200 egg. 30 or 60 days' trial. Your money back if not satisfied. Send for free catalog that tells all about it.

Fostoria Mfg. Company
B Street, Fostoria, Kansas.



The Way to Reach

The Fertile Irrigated Valleys of Colorado, Utah and New Mexico

"The Cream of the United States."

is by way of

The Denver & Rio Grande Railroad

"The Scenic Line of the World."

Soil, Climate and Irrigation combine to make the products of the valleys of the Rockies the best of their kind.

Valleys in Colorado.		Valleys in Utah.	Valleys in New Mexico.
Arkansas	North Fork	Green River	Chama
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Crystal River	Roaring Fork	Provo	San Juan
Eagle River	San Juan	Salt Lake	Taos
Grand River	San Luis	San Pete	
Gunnison	Shenandoah	Strawberry	
La Plata	Uncompahgne	Utah	
Montezuma	Wet Mountain		

CHOICE OF TWO SEPARATE AND DISTINCT ROUTES TO THE WESTERN SLOPE.

SPECIAL RATES FOR THE HOMESEAKER AND SETTLER.

To All Points in the Above Mentioned Sections. For free illustrated booklets, giving a concise description of "The Cream of the United States," address,

Frank A. Wadleigh, Gen. Pass. Agt., Dept. 216, Denver, Colo.

The WOMEN FOLKS

Conducted by Mabel E. Graves



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

April is the month to get ready for housecleaning. But we'll need stoves a good many weeks yet.

There's many a family would be glad to get that pile of old magazines you have stored away, and more than likely you can make good use of the extra room.

Most of us don't drink enough water. That isn't so much because we dislike it as because we don't think about it. In the old physiology we used to study I remember this question: "If the body needs three pints of water daily why is it not necessary for a man to drink three pints?" The answer we were supposed to give was that he got it in his food. But now we know better. If a wise man were writing a book today, he would ask: "If the body needs four or five pints of water daily how can we supply it?" And the answer would be, "Why, by drinking it, of course." We need to drink at least seven or eight glasses of water every day, for the sake of good health, and if we happen to drink nine or ten all the better.

Cup Omelet.

An odd dish that will be found very appetizing for breakfast is a cup omelet. Butter 6 custard cups and fill lightly with soft bread crumbs and any nice cold meat chopped fine, with plenty of savory dressings, such as the family likes. Then beat 3 eggs, add 1 cup of milk, and pour gradually into the cups, using more milk if required. Set the cups in a pan of water and bake (or steam) until firm in the center. Serve in the cups, or turn out on a platter. These savory custards are also delicious made entirely out of bread crumbs and seasoning, omitting the meat.

Allison, Kan.

Fruit Cookies.

[Prize Recipe.]

Cream together 2 cups of sugar and 1 cup of shortening, add 3 whipped eggs and 1 cup of sour milk, with a scant teaspoon of soda dissolved in it. Flavor as desired. Sift flour and 1 teaspoonful of cream of tartar and make a soft dough, roll thin and cut. Spread fruit on one layer and put another layer on top. Bake in a quick oven. To prepare the fruit take figs, dates or seeded raisins, put through the food chopper, add a little sugar and water and 1 teaspoonful of cornstarch and bring it to a boil. Let cool before spreading.

Mrs. George D. Kuns.

Oskaloosa, Kan.

How to Get Rid of Fleas.

(Answer to Query.)

A very good way to rid a place of fleas is to sprinkle gasoline where the fleas are. The heavier you sprinkle the better.—A. M. K.

I have been told that a good way to rid a place of fleas was to dash cold water frequently all over everything. But a sure way is to get a few sheep and put them for a short time where the fleas congregate. The fleas will get onto the sheep, get tangled in their wool and die, and that will be the last of the fleas.—S. C. P.

Pie Melon Jelly.

I'll gladly tell the Women Folks my way of making piemelon jelly. Prepare the melon as for preserves, using equal weights of fruit and sugar. Melt sugar and skim, if necessary; add fruit and cook until it begins to look transparent, then add sliced lemons, 1 lemon to about 5 pounds of melon, and cook to the consistency of rich preserves. Skim the fruit from sirup, and boil the sirup rapidly until it jellies, then strain through a fine sieve. The result should be a beautiful golden jelly as delicate as

orange jelly. Thus one secures both jelly and preserves by the same process. I wish to thank the ladies who responded to my call for various uses of the piemelon. I tried most of the recipes given and was well pleased with them.

Mrs. F. S. McNeal.

Rock House, Ark.

[This recipe is in response to a query published a week or two ago. We suggest that all who raise pie melons cut it out and keep until next fall for reference.—Editor.]

Breathe and Drink to Health.

I heartily agree with Mary Storey Whitsitt in regard to pure air, and I suggest that while we are breathing pure air we also drink freely of pure water—a cupful before breakfast, little if any at meal time, a cupful or more before, between meals and at bedtime. The elimination of the waste material of the body is essential to health. Without an abundant supply of water this elimination is retarded and serious disturbances follow. If people would eat less food and drink more water there would be less rheumatism, gout, eczema and neuralgia in the world.

Athol, Kan. Hattie Van Ausdall.

The Trouble With Country Living.

After reading a recent article in the Mail and Breeze about the drudgery of the farmers' wives I must say I can't see why everyone thinks of farm work

as drudgery when surely our city sisters, if they do their work at all, have very much the same work except for the milk and chickens. What difference is there in cooking, mending, washing, ironing and scrubbing in city or country? It all has to be done at either place. The whole trouble with the country is, nowhere to go; just simply nothing doing to help us keep up with the times. That is why we grow old so fast. Because we have no pleasure mixed with our work is why they call it drudgery. My remedy is get busy and have something doing for the farmers' wives, if you want them and the girls to stay on the farm and not grow old before their time.

Mrs. O. P. Luce.

Cunningham, Kan.

Worms on House Plants.

For worms in the earth around house plants use strong tobacco tea about three times a week. Tobacco fumes or smoke will also kill lice on house plants. I put a few coals on a fire shovel, throw on some tobacco, then hold the plant so the smoke goes all over it.

Mrs. Robert L. Kirkwood.

R. 2, Marysville, Kan.

Help in Your Dressmaking

"Every Woman Her Own Dressmaker," is a fashion book which not only illustrates all the new styles, but gives plain and simple lessons and instruction on how to make the garments fit and hang like those made by the skilled dressmaker. Patterns may be had from the Pattern Department of Farmers Mail and Breeze for all the designs illustrated. Retail price of the book is 25 cents but we send it free to any reader who encloses two 2-cent stamps to partly pay postage and cost of mailing. Address the Mail and Breeze Pattern Department, Topeka, Kansas.

Trial trip until July 1, 1912 for 10 cents, Mail and Breeze, Topeka, Kan.

FAT VANISHES

ONE POUND A DAY
NEW DRUGLESS TREATMENT
GET MY FREE BOOK.
COMMENCE REDUCING AT ONCE

Thousands of Grateful Patrons Praise My Wonderful Drugless Fat Treatment.

\$5,000.00 IN GOLD IF I FAIL

WEIGHT REDUCTION WITHOUT DRUGS REMOVE YOUR FAT MY WAY
THIS BOOK FOR FAT FOLKS ONLY WHO WISH TO REDUCE THEIR WEIGHT WITH THIS GREAT DRUGLESS TREATMENT

My friends were charitable and called it Obesity; others said I was stout, but it was just bulky fat. I was miserable; so are you if too stout. To reduce your weight, you must do as I did. I FOUND THE CAUSE—THE REST WAS EASY. Before I succeeded, I tried everything within and beyond reason. It was maddening, disgusting. All I had to do was remove the cause, and I guarantee, that by my safe, sensible, natural treatment, without violent exercises, starvation diet, straps, belts, cups, wires, jackets, sweating, electricity, soap, salts, pills, oils, cathartics, drugs or medicines of any description, I reduced my enormous weight quickly and without harm to myself while taking treatment or afterwards, and I guarantee that you can reduce little or much fat with this same treatment. If interested in your own happiness, health and figure, you will let me tell you how to reduce fat "Nature's Way," the true way—my way. **BETTER GET RID OF FAT BEFORE FAT GETS RID OF YOU.** It is astonishing the thousands of grateful letters I am receiving. J. E. Baiselle, Box 422, Great Bend, Kan., lost fifty pounds. W. L. Schmitz, Montevideo, Minn., lost 30 pounds, and Mamie McNelly, Desloge, Mo., lost 65 pounds. Mrs. Daisy Smith, Los Angeles, lost 164 lbs. safely with my drugless treatment, and I can refer to thousands of satisfied patrons. My book, entitled: "Weight Reduction Without Drugs," is sent free and prepaid and tells of my successful treatment with which you can permanently reduce your weight, secretly, and without harm. I offer \$5,000 if I fail to prove my great drugless treatment anything but safe, quick and harmless in fat reduction. Write today for my free book.

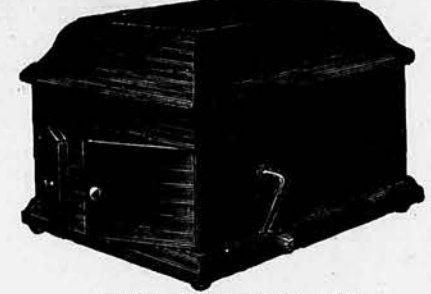
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BIG FUN AND AMUSEMENT PACKAGE—10c.
63 Line Games—Chockers, Chess, Dominoes, Fox & Geese &c.—Authors—48 Cards—52 Lute Songs—10 Funny Cards—63 Magic Tricks—64 Puzzles &c.—324 Jolly Jokes—92 Money Making Secrets—12 Love Letters—175 Ways to Flirt—To Charm others—Tell Fortunes. ALL 10c. STAR CO., Chicago, Ill.

Victor-Victrola



Victor-Victrola IV, \$15



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Every home should have a Victor-Victrola

because

this instrument satisfies the love of music that is born in every one of us; touches the heart strings and develops the emotional part of our nature; freshens the tired mind and lightens the cares and worries of every-day life.

because

the Victor-Victrola brings to you the best music of all the world and gives you a complete understanding of the masterpieces of the great composers such as you can acquire in no other way.

because

the Victor-Victrola places at your command the services of the world's greatest opera stars, who make records exclusively for the Victor, besides a host of famous instrumentalists, celebrated bands and orchestras, and well-known comedians and entertainers.

because

the Victor-Victrola is universally recognized as the world's greatest musical instrument, occupies a place of honor in homes of wealth and culture everywhere, and has awakened millions to a proper appreciation of music.

because

with Victor-Victrolas ranging in prices from \$15 to \$200 and Victors from \$10 to \$100 no home can afford to be without one of these wonderful instruments.

because

any Victor dealer in any city in the world will gladly play any music you wish to hear and demonstrate to you the Victor-Victrola.

Victor Talking Machine Co., 24th & Cooper Sts., Camden, N. J., U. S. A.
Berliner Gramophone Co., Montreal, Canadian Distributors

Always use Victor Records played with Victor Needles—there is no other way to get the unequalled Victor tone.



Victor-Victrola XVI, \$200

HOME DRESSMAKING

These patterns may be had at 10 cents each from the Pattern Department of Farmers Mail and Breeze, Topeka, Kan. When ordering give number and size.



- 5802—Misses' Coat, sizes 14, 16, 18 yrs.
- 5404—Ladies' Dress, having four-gore skirt with left-front closing, 6 sizes, 32 to 42 bust.
- 5788—Girls' Coat Suit, sizes 8, 10, 12, 14 yrs.
- 5372—Child's Dress, sizes 2, 4, 6, 8, 10 yrs.
- 5448—Six-Gore Skirt, empire or regulation waist line, 5 sizes, 22 to 30 waist.
- 5807—Ladies' Jacket, 6 sizes, 32 to 42 bust.
- 5352—Girls' Sailor Dress, sizes 6, 8, 10, 12 yrs.
- 5791—Middy Blouse, with or without yoke facings, sizes 12, 14, 16, 18 yrs.
- 5790—Child's Dress, slipped on over head, sizes 2, 4, 6, 8 yrs.
- 5805—Tunic Skirt, 5 sizes, 22 to 30 waist measure.
- 4500—Child's Rompers, 4 sizes, 2 to 8 yrs.
- 5801—Ladies' Dress, with one-piece skirt, 6 sizes, 32 to 42 bust.
- 5785—Ladies' Coat Waist, 6 sizes, 32 to 42 bust.
- 5790—Misses' and Small Women's Dress, sizes 14, 16, 18 yrs.
- 5527—Seven-Gore Skirt, with inverted pleat or habit back, 6 sizes, 22 to 32 waist measure.

The Last Chance to Vote

This is the last time the suffrage ballot blanks will be printed. They have appeared a number of times, and everyone is probably supplied. The ballots will be counted April 25, and all should be in the office by that time. Ballots are still coming in on every mail. The number received so far is overwhelmingly in favor of equal suffrage. Does that mean that nine out of every ten women in Kansas want to vote or that nine out of ten are keeping still? This is the question that is bothering the suffrage editor. If this ballot is to

YES NO
 Name _____
 Address _____

fairly represent the wishes of Mail and Breeze readers we should hear from everyone. Next November the men are going to decide whether or not the women shall be given the right to vote in Kansas. If you believe women should have equal voting privileges with men put an X in the square marked "Yes." If you do not believe in equal suffrage put an X in the square marked "No." If you have no special preference put an X in the blank square at the end. After filling out the proper blank above, giving your name and address, mail to the Suffrage Editor, Farmers Mail and Breeze, Topeka, Kan.

GET READY NOW FOR YOUR ROSE GARDEN!

You'll want a big garden of roses this summer—no home place is quite complete without an ever-blooming garden of this most beautiful and most loved of all flowers.

Thousands of Mail and Breeze readers have already taken advantage of the very unusual Rose offer we are making, and we doubt if the supply of rose bushes we have contracted for will last through the planting season.

Our offer is, that we will send free and postpaid to all who send \$1.00 to pay for a new, renewal or extension one-year subscription to Mail and Breeze, a magnificent collection of six monthly blooming roses as follows:

The Wonderful "Blumenschmidt." This latest and most beautiful variety is alone worth more than the small sum we ask you to send on this special offer. In this newest Rose creation we offer you an improved and glorifying, monthly blooming plant, with flowers of pure citron-yellow, outer petals edged with the slightest tint of rose. A variety of most vigorous growth and winner of many premiums at horticultural shows.

We also include the wonderful new CRIMSON BEDDER; the HELEN GOULD, a magnificent, velvety, pink everbloomer; the BETTY, a remarkably fine shade of golden yellow; the MME. JENNY GUILLMOT, finest silvery-carmine rose ever offered; the WHITE MAMAN COCHET, showy white, with rich, full flowers.

In this complete assortment you get six different colors, Red, White, Silvery-Carmine, Golden Yellow, Pink and Crimson. These are all first quality plants, well rooted, strong, carefully packed and guaranteed to reach you in perfect condition at proper time for planting. We guarantee absolute satisfaction or your money will be promptly refunded.

This offer is made solely to further introduce our great farm weekly, and is likely to be withdrawn at any time.

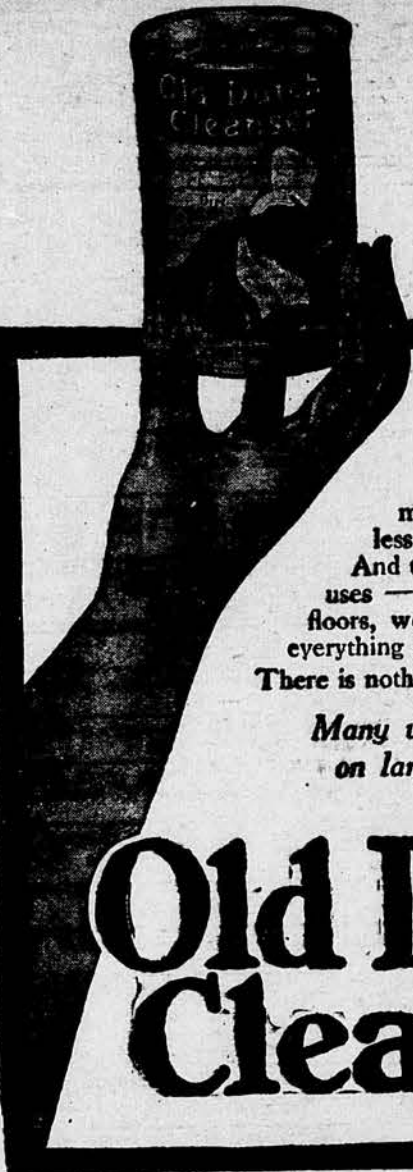
If you have not secured one of these great rose collections on this remarkably liberal offer we suggest that you send your dollar today. Address Mail and Breeze, Rose Dept., 802 Jackson St., Topeka, Kan.

Silk Petticoats

Rush your order for a silk petticoat for spring wear. Will send you one of fine, soft, all-silk taffeta—new style—with pleated flounce—black, and soft spring shades of grey and green. Express or post-paid **\$1.85**

The Mills Dry Goods Co. Topeka, Kansas

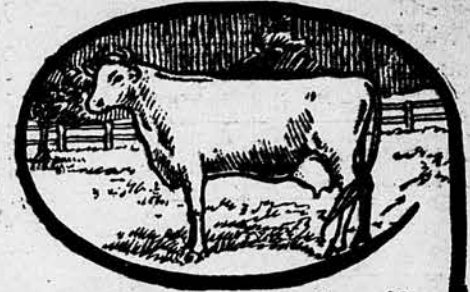
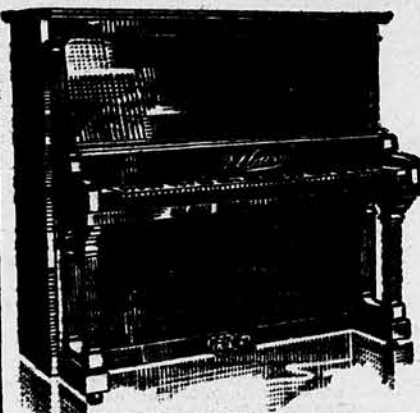
This Hand Can do the Work of Two



The wonderful, cleansing properties of Old Dutch Cleanser, enables you to do more work in less time and with less effort than otherwise possible. And there is hardly any end to its uses — cooking and dairy utensils, floors, woodwork, metalwork, and most everything about the house and barn. There is nothing so effective.

Many uses and full directions on large Sifter-Can 10c.

Old Dutch Cleanser



Any Ordinary Cow Can Earn \$6 a Month, the Amount It Would Take to Buy This Magnificent Piano.

Just think, only one of your cows would furnish the small sum required to buy an Elburn. Practically no sacrifice at all. And the pleasure the piano would bring into your home would be worth twenty times this insignificant sum. Let us send you an Elburn on free trial. You won't need to pay a cent unless you are entirely satisfied with it. If all of your friends don't say it is one of the handsomest pianos they ever saw and is worth every cent we ask you can send it back. We'll stand all of the expense.

We have hundreds of letters like the one quoted in this advertisement. Piano experts all over the country have congratulated us on being able to sell such a piano for so little.

This is the Elburn H-2
The Best Piano Value Ever Known for Only... **\$225**
\$6 Monthly

Herington, Kan., May 18.
Gentlemen — Enclosed please find money order to finish paying for piano. We are entirely satisfied with piano and with dealings with you. The piano looks and sounds as well as when we bought it and has not been tuned in the meantime. Hoping you continued success in your business. I am,
ALANZO FROST,
No. 299 North "D" St., Herington, Kan.

Remember we always have on hand many bargains in Used Pianos of famous makes. Write today.

J.W. JENKINS SONS' MUSIC CO., KANSAS CITY, MO.

YES! → Every Woman Can Accept This Great Offer!

It is the most liberal, most attractive, most astonishing offer ever made. This beautiful Sewing Machine may be yours almost for nothing. Worth \$40—sold to my club members only at half price—no money down—30 days free trial then pay my half price in little 50-cent payments. Warranted 10 years—money back if it doesn't please. Hundreds of letters prove quality. It is THE machine for YOU—at lowest price ever quoted—just half its value. Best Listen! Read On!

Will You Send 10 Names of Friends to FREE Get This "Gold Medal" Sewing Machine?

Thousands have already written for membership in my great club. I want every locality represented. My wonderful new plan makes it possible for you to get this Machine Absolutely Free by sending me just 10 names of lady friends. No outlay—no or adding for you to do. This great free machine offer good for short time only. Get my instructions quick! Don't send the 10 names until I ask for them,—but send your name and address for full details soon. Don't miss this—it's the best offer ever made. Write today—a postal card will do. Address,
CAPPER SEWING MACHINE CLUB,
Dept. 49
Topeka, Kan.

TYPEWRITERS.

OLIVER VISIBLE TYPEWRITER for sale cheap. Perfect condition and does splendid writing. Could send on trial. Charles B. Rickart, Route 5, Rosedale, Kan.

AUCTION SCHOOL.

MISSOURI AUCTION SCHOOL, largest in the world. Trenton, Mo.; Kansas City, Mo.; Oklahoma, Okla.

MISCELLANEOUS.

PRICE your two-row lister at cost—good order. Supt. Haney, Boone, Colo.

BALDNESS, dandruff, itch, dry, short, greasy thin hair cured by A. Spier, Boulder, Colo.

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

EVERLASTING FENCE POST—Easy to make; cheaper than wood; circular free. John Gustin, Beaverton, Oregon.

WE PAY \$5.00 hundred for certain names; steady work, male or female. Stamp for particulars. Star Specialty Co., Bolton, Ga.

LIGHTNING destroys homes. Why not protect them with our copper cable? We sell direct to customers. Kinzie & Melenbruch, Hiawatha, Kan.

CHEAP HONEY and molasses doubles the milk and eggs in dry weather. Formula 25c. Patent allowed. Description free. C. W. Dayton, Chatsworth, Calif.

HOUSEWIVES—Economize. Get my Daily Expense Record. Easily kept. Free descriptive leaflet. Book fifty cents postpaid. Marvin R. Doty, 8-D, Stamford, Conn.

FREE—A fine camera with outfit, to boy or girl selling 25 packages of our silver polish at 10c each. Write today. N. H. Fowler & Co., P. O. Box 1324, Hartford, Conn.

FARMERS, make your buggy and auto tops, harness and shoes waterproof by using No-Grease Waterproofer. Sample 50c. Good commission to agents and dealers. For full particulars write World-Wide Waterproofer, 755 Minnesota Ave., Kansas City, Kan.

IF YOU WANT to send a Kansas paper to your friends, subscribe for the Kansas Weekly Capital—a whole year for only 25 cents. All the Kansas and Topeka news of the Daily Capital boiled down. The best weekly newspaper in the U. S. for the money. Address Kansas Weekly Capital, Dept. 14, Topeka, Kan.

WHAT would you give to know what all your cows, tow to feed them to get the most possible results in milk or butter fat, how to improve your herd, what to do to prevent disease? Send ten cents today for Conkey's Stock Book (224 pages). There's profit in this, so do it now. The G. E. Conkey Co., Dept. 93, Cleveland, Ohio.

Trusses Like These Are A Crime



Get Rid of Straps and Springs and be CURED

Simply write for our free cloth-bound Book of Advice, containing facts which took us 40 years of day-after-day experience to learn. It tells how 200,000 people were benefited and cured in a simple and inexpensive way. Book explains why druggists should not be allowed to sell their misery-making trusses. Explains the dangers of operation and why it is no longer necessary. Exposes the humbug "discoveries," "apple nices," "plasters," etc., and puts you on guard against throwing money away.

Book tells how the wonderful Cluthe Self-Massaging Pad cures Rupture by strengthening the weakened muscles while holding continuously with ease—Sent on 60 days' trial to prove it—how it is waterproof—no leg-straps—no body springs—how it ends all expense on account of rupture. 5000 Public Endorsements sent with the book.

After you have read this book you'll know more about your condition than if you had gone to a dozen doctors. You'll know how to get immediate relief without risking a penny. When writing please give our box number.

Box 54—CLUTHE COMPANY Bloomfield, New Jersey.

Our Special Offer

Help us to spread the gospel of better farming by placing the Farmers Mail and Breeze in the hands of your friends and neighbors who are not now readers of the paper.

We will send the Mail and Breeze to new subscribers in Kansas or Oklahoma ten weeks for ten cents. For your trouble you may keep the dime collected on each order secured. Just send us the names and addresses. They must be names of farmers who live in Kansas or Oklahoma. No others accepted.

If you will send us 10 ten-week subscriptions and the \$1.00 collected we will extend your own subscription one year from date it is now due to expire.

ECZEMA

CAN BE CURED. My mild, soothing, guaranteed cure does it and FREE SAMPLE proves it. STOPS THE ITCHING and cures to stay. WRITE NOW—TODAY. DR. CANNADAY, 235 Park Square, Sedalia, Mo.



MOSTLY A DRY WARM APRIL.

(Copyrighted 1910 by W. T. Foster.)

To Farmers Mail and Breeze:

Washington, D. C., April 13.—My last bulletin gave forecasts of disturbance to cross continent April 13 to 17, warm wave 12 to 16, cool wave 15 to 19. The prominent feature will be a great and general rise in temperatures that will make up, in the way of averages, for some of the recent low temperatures. Rainfall for the five days, centering on the warm wave mentioned above, is expected to be less than usual. Severe storms are included in the period mentioned above.

Next disturbance will reach Pacific coast about April 17, cross Pacific slope by close of 18, great central valleys 19 to 21, eastern sections 22. Warm wave will cross Pacific slope about April 17, great central valleys 19, eastern sections 21. Cool wave will cross Pacific slope about April 20, great central valleys 22, eastern sections 24.

This will be a continuation of the warm period developed by the preceding storm wave and a rain fall wave will cross continent preceding the warm wave. The cool wave will be about an average of April cool waves with probabilities not favorable to frosts except where frosts are usual for the season.

Another disturbance will reach Pacific coast not far from April 23, cross Pacific slope by close of 24, great central valleys 25 to 27, eastern sections 28. Warm wave will cross Pacific slope about April 23, great central valleys 25, eastern sections 27. Cool wave will cross Pacific slope about April 26, great central valleys 28, eastern sections 30.

The most important features of this disturbance will be a great rise in temperatures and the inauguration of a hot, dry spell of weather that will probably bring a drouth scare to some sections.

My forecast of a cold backward March was well sustained by weather events.

Something That Will Help You

For the farmer who wants to get at the "ifs" and "ands" of modern farm methods, who wants to get a clear understanding of soil culture and soil management—without wading through a shelf of books and reams of technical bulletins—a book of 132 pages has been prepared by the soil culture department of Deere & Company, Moline, Ill., that precisely fills the bill. It has been published, of course, for distribution among the implement company's customers but, aside from a few illustrations of Deere farm machinery, there is no suggestion of advertising in the text and its information is dependable and concise. Farmers Mail and Breeze considers its own copy of "Soil Culture" (the Deere book's title) the best handy reference book in its extensive library and urges every one of its readers to procure a copy. Deere & Company, Moline, Ill., will mail a free copy of the book to any reader of the Mail and Breeze who will enclose the postage, 5 cents in stamps. The book will be found immensely useful because it tells "how to do" the things that are recommended, plainly, simply, and without waste of words, from how to improve a poor soil to taking the necessary steps to secure a good stand of alfalfa. In fact it is an encyclopedia of practical farming boiled down. You will need it often. Send for a copy before you forget it and you will bless us for this advice ever after.

It is a Household Necessity.

Mr. Editor—I just received your letter stating you would extend my subscription one year as a reward for my corn-testing device. I would surely appreciate a year's subscription to the best farm paper on earth and you may put my name to that statement as a testimonial if you want to. I don't feel right without Farmers Mail and Breeze, in fact I can't keep house without it. It is just as necessary as flour.

Amos Mendenhall. Salem, Neb., March 29, 1912.

Does it pay to own a HART-PARR OIL TRACTOR?

These Owners Certainly Think So

And their reports of every-day field tests form the surest buyer's guide you can get. Thousands of such letters reach us yearly. Maybe we can name some one nearby, and you can talk it over with him. Ask us. Anyway—read the following letters and write the signers:—

Own 7 H. P. Tractors—August 1909, I bought one of your tractors and used it very satisfactorily in threshing rice. After that it broke black, waxy sod so well I purchased three more. Broke all winter, prepared ground for seed bed in the spring, and in the fall of 1910 used all four in threshing with good results. In Dec., 1910 I purchased another Hart-Parr, and in 1912 two more. For our work, both plowing and threshing, I think Hart-Parr tractors the best on the market; and for farm work advise anyone to investigate them thoroughly before ordering elsewhere.

A. P. BORDEN, Pierce, Tex.

Better Than Recommended—Am more than pleased with my Hart-Parr Tractor—the only machine on my ranch that is better than recommended by the maker. I pulled

eight 14-inch plows in all of the sod except one piece, and pulled six in that. Six good horses had failed to pull one 16-inch plow in this piece. Threshed over 5000 bushels of grain and the tractor gave power steadier than steam. Full or empty, it runs at the same speed. Have always run it myself and find it very simple.

THE BROCK CO., Mayworth, Wyo.

Paid For Itself—Since July, 1910 I have earned over \$6000, which pays for the tractor, its repairs and running expenses, and leaves me a nice little sum. It has plenty of power, both in traction and belt. It's always ready—no waits for steam and water—and with cheap kerosene for fuel it costs about half the coal the steam would.

SEVERT LIABO, Irene, S. D.

It's The FIELD TESTS That Tell The Tale

They prove absolutely that the Hart-Parr does more downright hard work—in toughest turf or soil—than any other built. And it loses less time from breakage because correctly constructed—and because expert and repair service is available in twenty great farming centers of the Northwest. Uses only cheapest KEROLINE. 30, 40, 60 and 80 B. H. P. Your new 1912 catalog is ready. Shall we send it?

HART-PARR CO.

234 Lawler Street Charles City, Iowa, U. S. A.



LAWRENCE Business College Lawrence, Kansas. Secures Positions. Write for catalog "D."

SPALDING'S COMMERCIAL COLLEGE KANSAS CITY, MO. 6th Year. \$100,000 New College Building. Shorthand, Typewriting, Bookkeeping, Telegraphy and English Branches. Write for Free Catalogue

List 1000 POPULAR SONGS FREE

ALL the Latest up-to-date catchy airs you hear sung whistled and played—Rag-Time, Coon, Comic, Indian, Sentimental, Love, Wagon, Sacred, also PIANO MUSIC, the famous Merry Widow Waltz, etc. Oh You Beautiful Doll; Alexander's Rag-Time Band; Billy; Baby Rose; I Love It; Casey Jones; Stop Stop Stop; Silver Bell; Red Wing; Let Me Call You Sweetheart; Put On Your Old Gray Bonnet; Garden of Roses; Garden of Love; When I Marry You; Sweet Italian Love; Stinky Moon; Lovelight; Dreaming; Clover Blossoms; Mysterious Rag; Cubanola Glide; Sweetheart Time; Railroad Rag; When the Moon Plays Peek-a-Boo; They Always Pick on Me; Let Me Call You Sweetheart; Put On Your Old Gray Bonnet; Wagon Let Me Play, etc. SING these SONGS and be popular at once. BIG SONG BOOK with list of over 1,000 Songs, also 20 new POPULAR CARD views and 50c Due Bill, sent for 10c.—4 lots 20c. Address HOME MUSIC CO., Dept. 22, CHICAGO, ILL.

Big Campaign Offer

Kansas Weekly Capital From Now Until November 15th For Only 10c

I want 10,000 new subscriptions to the Kansas Weekly Capital in the next 20 days—and this unprecedented offer will surely bring them. Cut out the Coupon printed below—sign your name and address and return to me at once with 10c and I will enter your name for a paid-up subscription to the Weekly Capital until November 15. If you want the "meat" of all political news from now until the November elections have been closed you can't afford to miss this great 10-cent offer.

This is a special 20-day proposition and if you wish to have your subscription entered before this offer is withdrawn you should cut out the Coupon below and mail at once. ARTHUR CAPPER, Publisher.

ARTHUR CAPPER, Publisher Kansas Weekly Capital, Topeka, Kan.

Dear Sir:—Enclosed find 10 cents, for which send the Kansas Weekly Capital until November 15, 1912, according to your special campaign offer, to the following address. This is a new subscription:

Name... Postoffice... R. F. D. or Street or Box No... County... State... Date...

MARKET PROBABILITIES

Cattle Supplies are Constantly Decreasing and a Rising Market Will Probably Be Checked Only by Grass Fat Beef—Hogs Are Disappearing Too and 9 and 10-Cent Levels Are Looked For Within the Year—Corn Makes High Record

[Written Specially for the Farmers Mail and Breeze.]

Diminishing supplies of livestock explain the present strong position of the market. Last week was the first time this year that the movement has been free of bad weather conditions, but even at that, flood conditions in some sections, and bad roads in other localities were complained of. The fact though is prominent and will be made more so as the season advances, that the hard winter of 1911-12 and the high prices for feed have greatly curtailed feeding operations. Chicago thus far has been able to keep pace with last year's receipts by drawing on the April and May reserve, but from now on there will be a sharp decrease in supplies there. River markets have been falling behind in receipts since the first of the year, with Kansas City leading, and a further decrease will show before grass fat cattle can be made ready for market. West and Northwest hay fed cattle, cottonseed product steers, and a few scattering bunches of grain fat cattle from the corn belt will constitute the big part of the supply for the next six weeks. Dressed beef men have been less discriminating in their buying, and a good many cattle are going to shambles that two years ago would not have drawn a bid at \$2 lower from killers. Prime cattle are scarce and while the rank and file of the supply is of the medium short fed kinds, the market will be determined almost entirely by the latter class. Killers can make ends meet in the high class trade, but the bulk of the beef consumed comes from butcher cattle, and the fair to good short fed classes of steers. Compared with a week ago prices at all the markets have been advanced 15 to 25 cents. Prices now are so high that further ascent will be made slowly, and there even may be temporary setbacks. Steers are selling at \$8.25 to \$8.75 for the best, and whether any 9-cent quotations are made or not prices can be put up on the lower classes, increasing average cost materially.

No Wheat Field Butcher Cattle.

This is the first spring in recent years that no cattle have reached market direct from wheat fields. Heavy snows cut off that source of feed, and scarcity of other feed compelled their marketing earlier. Now the bare spots are looming up in the supply and prices are tending upward. The movement early of cows and heifers that have taken on a grass fill seems about the only thing that will check the advance. Veal calves at Eastern markets were advanced 50 cents to \$1 last week, though at river markets there was little change.

Saving Grass is Economy.

Whether to let grass go to waste, or utilize it in producing beef is the question that now confronts the average farmer of the corn belt. The high cost of thin cattle, and there seems no probable reduction until cattle have taken on a big grass fill, has made a good many hesitate, but those who are buying argue that saving the grass is the surest economy. Reports from all markets indicate that the thin cattle are being cared for readily, at firm prices. Receipts at the same time continue below normal for this time of the year.

Diminishing Supplies of Hogs.

Last week for the first time this year receipts of hogs at the five western markets fell short of 300,000, and were nearly 50 per cent short of the biggest week's supply in January. All the markets are showing decreases compared with a year ago, and the big surplus that showed in the first two months this year is rapidly diminishing. The failure of a \$1.50 advance in prices since March 1, to draw increased supplies is considered as conclusive evidence that hogs are scarce in the country. Add to this shortage, a big decrease in the spring pig crop, and those who are inclined to be bullish have plenty of evidence to cause a prediction of 9 cents for July and a probability of a 10-cent market a year from now. Last week a 10 to 15-cent net advance was recorded and all the markets recorded 8 cents or better for tops. Heavy hogs are scarce, and from now on will be even more so, as the policy of farmers all season has been to market at the earliest possible date. Most of the offerings are mixed and include fall pigs to the herd stock. Some

farmers fear another outbreak of cholera in the spring.

Changing Sentiment in Sheep.

Until the past two weeks it was the consensus of opinion that fed sheep in the country were plentiful and that this season would be closed out at unusually low prices. Packers were the strongest in such assertions but in the past two weeks they have been standing in line to get first bids on the offerings. Since the middle of March prices have been advanced \$1 to \$1.50 a hundred pounds. The scarcity of beef and pork has been a factor in broadening demand for mutton. Last week prices were quoted up about 25 cents, and 8 cents was the top quotation at all the markets. Colorado is the principal supply source for St. Louis and Kansas City, and other markets are still drawing supplies from corn belt feed lots. Southern spring lambs will not begin to move for some time, and Southwest grass fat sheep are, also late. A few early spring lambs reached markets last week in time for the Easter trade. They sold at 15 cents a pound. A few will be offered each week until the movement takes on mid-summer proportions.

The Movement of Livestock.

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

	Cattle	Hogs	Sheep
Kansas City	23,150	44,000	42,800
Chicago	40,200	106,000	93,400
Omaha	7,600	46,200	24,600
St. Louis	9,400	35,600	13,600
St. Joseph	7,100	45,000	3,000
Total	87,450	276,800	177,300
Preceding week	112,645	339,800	233,475
Year ago	119,795	330,700	175,550

The following table shows receipts of cattle, hogs and sheep at the five western markets, Monday, April 8:

	Cattle	Hogs	Sheep
Kansas City	5,000	6,000	14,000
Chicago	21,000	44,000	20,000
Omaha	3,500	9,000	26,000
St. Louis	4,500	9,500	3,500
St. Joseph	1,000	8,000	1,000
Total	35,000	76,500	64,500
Week ago	30,125	60,200	49,200
Year ago	50,200	86,300	64,000

The following table shows a comparison in prices on best offerings of livestock at Kansas City and Chicago for this date and one year ago.

	Cattle	Hogs	Sheep
Per 100 lbs.	1912 1911	1912 1911	1912 1911
Chicago	\$8.65 \$6.80	\$8.00 \$6.65	\$7.10 \$5.50
Kan. City	8.50 6.65	8.00 6.35	7.10 5.20

Horse and Mule Market.

Flood conditions along the lower Mississippi river practically excluded the big Southern markets from buying horses and mules in the past week. While this was felt by weakened prices for the medium classes, good chunks and drafters and farm mares sold readily at firm prices. Farm work of all kinds is opening up and rush orders for horses have been placed with dealers. The East finds construction work calling for heavy horses and mules.

Record Prices For Corn.

Corn sold up to 80 cents a bushel in the past few days, and the demand at the advance was strong. However, the advancing season and some green feed will check the advance. Oats continued strong. Prices for wheat declined moderately though receipts were small. Prospects for a large new crop was the depressing influence. Early last week new high levels were reached for hay, but since Wednesday prices have declined 50 cents to \$4 a ton. Demand has decreased materially.

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

	Kansas City	St. Louis
Wheat—		
Hard No. 2...	\$1.04 1/2 @ 1.10	\$1.02 @ 1.13
Soft No. 2....	1.01 1/2 @ 1.02 1/2	1.04 @ 1.05
Corn—		
White No. 2..	.78 1/2 @ .79 1/2	.79 1/2 @ .80 1/2
Mixed corn ..	.78 1/2 @ .79 1/2	.78 1/2 @ .79
Oats—		
No. 2 white..	.56 @ .56 1/2	.58 @ .58 1/2
No. 2 mixed..	.55 @ .56	.56 @ .56 1/2

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
	1912 1911	1912 1911	1912 1911
Chicago	\$1.14 \$.99	.77 .50	.57 .33
Kan. City..	1.09 1/2 .92	.79 1/2 .47	.56 1/2 .33 1/2

Quotations on Hay.

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

Prairie, choice	\$21.25 @ 21.50
Prairie, No. 1	20.25 @ 21.00
Prairie, No. 2	19.00 @ 20.25
Prairie, No. 3	16.50 @ 18.50
Timothy, choice	23.00
Timothy, No. 1	21.00 @ 22.50
Timothy, No. 2	19.00 @ 20.50
Timothy, No. 3	16.00 @ 18.50
Clover mixed, choice	22.50
Clover mixed, No. 1	20.00 @ 22.00
Clover mixed, No. 2	18.50 @ 20.00
Clover mixed, No. 3	16.00 @ 18.00
Clover, choice	22.00
Clover, No. 1	20.00 @ 21.50
Clover, No. 2	17.00 @ 19.50
Alfalfa, fancy	24.00
Alfalfa, choice	23.00 @ 23.50
Alfalfa, No. 1	21.00 @ 22.50
Alfalfa, No. 2	19.00 @ 20.50
Alfalfa, No. 3	16.50 @ 18.50
Straw	8.50 @ 9.00
Packing hay	12.00 @ 14.00

Carlot Grain Receipts.

The following table shows the receipts of grain for the week at the three principal grain markets, together with the receipts for the corresponding week one year ago and those of last week:

	Wheat	Corn	Oats
In Kansas City—			
This year	71	100	23
One year ago	116	251	38
In Chicago—			
This year	185	770	86
One year ago	124	982	578
In St. Louis—			
This year	80	249	207
One year ago	139	206	226

Seeds and Broomcorn.

Sorghum, Amber \$1.50@1.75 per cwt.; sumac, \$1.35@1.55; broomcorn, dwarf, \$1.40 @1.50; standard \$1.30@1.45; cowpeas, New Era, \$1.90@2.10; Whippoorwill, \$2.10@2.25; (Continued on Page 39.)



Greatest Seed Corn Offer Ever Made!

Grow Record-Breaking Crops From the World's Purest and Finest Seed Corn
"Grand Champion" White Grown from Grand Prize Bushel for Which I Paid \$280.00

Two Pounds FREE To Each Subscriber

I am reproducing here a photograph of the world's best bushel of Seed Corn—the bushel which was awarded first prize at the National Corn Exposition, Omaha, Nebraska, and which I purchased for \$280.00 cash. I gave some of this seed corn to Mr. H. V. Cochran, one of the most expert seed corn growers in America, and the seed which I offer here was grown from the prize bushel and you will find it the equal of the original bushel, which brought perhaps the highest price ever paid for a bushel of seed corn.

The corn is a large pure white, deep grain, matures in less than 100 days and is an extra heavy yielder. I believe this to be the greatest opportunity ever presented for the readers of my paper to make a record increase in the quality and yield of future corn crops. The way to improve the corn crop is by the use of high-bred seed—and here is seed which I believe cannot be equaled by any other no matter what the price. A few pounds of this seed should bring enough fine quality seed to plant your entire acreage next year.

Here Is My Great Offer:

I have had this "Grand Champion" corn put up in one pound packages, all ready for mailing. As long as my supply lasts I am going to give it away on these very attractive offers:

Two pounds of corn and a year's subscription (new, renewal, or extension) to Farmers Mail and Breeze—for \$1.00. I will also give you two additional pounds for each new yearly subscription you send me other than your own at the regular rate of \$1.00 a year.

You pay nothing for this corn—it is mailed to you, postpaid, as a free gift for your own or your neighbor's subscription to The Mail and Breeze at the regular rate—2 pounds with each yearly subscription.

BE QUICK! No Time to Lose!! When My Small Supply Is Gone No More Can Be Had at Any Price!

You've no time to lose if you want to be sure of getting your share of this World's greatest seed corn! I have only a very limited quantity and can secure no more at any price when this supply is gone. Send your subscription or renewal at once. If too late, I will notify you and return money. Fill out and mail coupon at once. You can't afford to lose out on this greatest seed corn offer! Address

ARTHUR CAPPER, Publisher, TOPEKA, KANSAS

Use This Coupon NOW!

ARTHUR CAPPER, PUBLISHER MAIL AND BREEZE, TOPEKA, KANSAS.
 I enclose \$1.00 for which send Mail and Breeze one year, also send me free and prepaid Two Pounds of your "Grand Champion" White Seed Corn as per offer.

This is a subscription.
 (State whether new, renewal or extension.)

My Name

Postoffice

R. F. D. State

(Use letter paper for sending other subscriptions.)

ABERDEEN-ANGUS.
RIDGE PRAIRIE ABERDEEN ANGUS.
 Rutgers Heatherson 3d 118104, a choicely bred Heatherbloom, in service. The best families represented. A few choice cows, bred, and open heifers for sale. Prices right, satisfaction guaranteed.
W. G. DENTON, DENTON, KANSAS.

Sutton Farm Angus
 For sale, our entire crop of 1911 spring bulls, individually or in carloads; great well grown, lusty fellows, sired by the best of herd bulls. Bulls from this herd sire winning steers in Chicago, Denver, Fort Worth and Kansas City shows annually. Also 30 head imported and Canadian bred Shropshire sheep, and selections from a large and high class herd of Berkshire hogs.
SUTTON FARMS, LAWRENCE, KANSAS.

JACKS AND JENNETS.
6-JACKS-6 From 3 to 7 years old, for sale very low. We raise them.
W. H. BAYLESS, Blue Mound, Linn Co., Kansas.

40 HEAD BLACK MAMMOTH JACKS AND JENNETS.
 Well bred, big boned good individuals. Jacks and prices are both right.
G. H. SMITH, KINGFISHER, OKLAHOMA.

AL. E. Smith's Stock Farm
 75 Reg. black Mammoth Jacks and Jennets, 15 to 16 hands. Some good Percheron Stallions. More good big-boned high-class Jacks and Jennets than you will find in any one barn. Forty miles west of Kansas City.
AL. E. Smith, R. 1, Lawrence, Kan.

25 Mammoth Jacks, ALL AGES
 registered and guaranteed. Some Kansas prize winners. Herd headed by Pharoah 2491, champion at Tennessee in 1910.
H. T. HINEMAN Dighton, Kan.

Biggest Jack Offering Ever Made
 90 Day sale on 55 head of extra big registered Mammoth Jacks at 90 per cent of their value, priced from \$250 to \$1250 each. I am importing 200 Percheron and Belgian mares and 80 stallions and must close out a lot of Jacks to get money and make room. Write for catalogue, photograph, description and price list. **W. L. DeCLOW, Cedar Rapids Stock Farm, Cedar Rapids, Ia.**

50 JACKS & JENNETS
 Ranging in ages from coming 3 to 8 years old. A fine lot of Mammoth Jacks to select from. Don't wait but call or write. Address
PHILIP WALKER Moline, Elk Co., Kansas.

THE KENTUCKY JACK FARM
 Established, 1884
 Breeder of registered mammoth Kentucky Jacks and Jennets—big bone; plenty weight. Forty head of three and four year old Jacks; also young stock for sale. Would be pleased to have you visit my farm for inspection or write for prices. I guarantee to please you.
JOE. E. WRIGHT, JUNCTION CITY, KENTUCKY.

Leavenworth County Jack Farm
 40 Jacks and Jennets, 3 to 8 years old. Also 1 registered Percheron Stallion for sale. 40 miles northwest of Kansas City. Write for prices.
Corson Bros., Potter, Kan.

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

W. A. LANG & CO.
GREELEY, IOWA
 Importers of
Belgian and Percheron Stallions and Mares

Last importation arrived Oct. 9, 1911. Stables filled with horses of extreme weight and heavy bone, ages from two to five years. All horses fully guaranteed. We buy nothing but first class sound horses. We handle no American bred horses. We deal only in imported horses whose pedigrees are all certified to by the Dept. of Agriculture. Write for full particulars and handsome calendar.
W. A. Lang & Co., Greeley, Iowa

itself, possesses no fattening or nourishing properties whatsoever. Its sole purpose is to make food available—to further the digestive process so that less nutrition passes off as waste and more is converted into flesh and milk. It would be a serious impeachment of the farmer's intelligence to spend time and space here in attempting to show the advantages of such a feeding system. It is all too evident to require further explanation, because the more grain, hay and fodder a cow or steer eats—and uses—the fuller the milk pail and the fatter the beef. Farmers have been—as was said a little way back—quick to see and appreciate the worth of Dr. Hess Stock Tonic. Many give it regularly to their farm stock and find it of the very greatest value—the more so as by building up bodily vigor in feeding animals, it goes far toward warding off disease. See ad on page 6. Address Dr. Hess & Clark, Ashland, O. Mention this paper.

New Kansas Hall Insurance Company.
 A charter for the new Central National Mutual Hall Insurance Company of Kansas was granted a license some days ago. The granting of this charter by the state authorities is evidence, of course, that all legal requirements in such cases made and provided have been duly observed and complied with. One of the principal requirements of the Kansas law relating to the organization of Mutual Hall Insurance companies, is that at least 5,000 acres, in at least ten different counties of the state, must be under bona fide agreement and contract, for mutual insurance before a charter can issue. The initial 11,000 acres (6,000 more than the legal requirement) underwritten by the Central National, show that some of the largest and most widely known Kansas farmers are numbered in it. The new officials of the company have filed the required \$50,000 bond with the Insurance Commissioner for the faithful performance of their several duties. Not only does this new Company start out auspiciously, from the standpoint of good character, business and financial ability among members and officials of the Company, but also as to its agency connections. The fact that the C. L. Sharp Insurance Agency has taken the Kansas State Agency for the new company shows that it will be well and progressively represented throughout the state. In the four years this agency has been doing business in Kansas it has enlisted the services of something like 300 responsible agents, citizens of Kansas and of the respective communities in which they do business. These local agents all work under the personal direction of Mr. C. L. Sharpe, of Topeka, who has held the position of General Manager for the Hazard & Chesley Agency ever since they started business in the state. This agency force has in the past, written a great deal of hall insurance in Kansas so that the business is not a new line for it. Mr. Sharpe has personally visited many sections of the State, not only to write business, but to adjust and pay claims for losses. His record as an insurance man covers a good many years, and he bears a clean title from the many thousand of policy transactions he has handled. The same is also true of his assistants, Oscar Gohlke, who will act as his Special Agent in the Kansas field. Both of these men are firm believers in the principle of Mutual Insurance, which, besides their wide experience in the business, is good warrant for the belief that the object of the Central National Mutual Hall Insurance Co.—mutual benefit and protection among members, for the lowest consistent cost—will be well attained through their agency in its allotted territory.

Irrigation Coupled With Ideal Climate and Rich Soil Is Making Colorado Famous.
 As an evidence that water is wealth when applied to land, it is proved by the official facts and official printed averages produced on an acre of Colorado irrigated land. Many people believe that Colorado's leading industry is mining, but the facts given to the public by a late United States census bulletin, together with reports published by Colorado officials, show that the leading industries of that state in value of output are as follows: First, manufacturing; second, agriculture; third, mining. Last year the manufacturing output of the state was \$137,794,442. Agricultural output, \$72,916,724, and mining \$34,639,257. Colorado is now one of the leading apple producing states of the Union. Her fruit output last year was \$6,782,320. Last year Colorado increased her fruit output \$2,500,000 over the previous year. There is a great home demand for agricultural products in that state, and according to Governor Shafroth, thirty thousand additional farmers are needed in Colorado to supply the cash market of the state. Irrigation has transformed Colorado's greatest industry from mining to agriculture. While the state's mining interests are yet great, the wealth produced from Colorado's farms is greater. Irrigated land in Colorado has yielded 50, 60 and even 70 bushels of wheat per acre; 75, 100 and 125 bushels per acre; barley 90, 125 and 147 bushels per acre and record from the irrigated lands of Colorado. Irrigated oats in Colorado often weigh 50 pounds per bushel. In Colorado "single apple trees," says ex-Governor Adams, produce more value than an acre of wheat in Dakota or an acre of corn in Iowa, and an acre of apples produce enough to pay a large part of an eastern farm. Colorado state officials estimate the average gross products of fruit per acre: Plums, \$688.50; pears, \$200 to \$300; cherries, \$638; strawberries, \$300 to \$500; Vinifera grapes, \$324; American grapes, \$50 to \$200; raspberries, currants, gooseberries, blackberries and dewberries average about \$50 to \$250, and cantaloupes \$30 to \$75 per acre. Colorado needs thousands of truck gardeners. There is a local market for \$3,000,000 worth of vegetables, that being the value of the garden stuff shipped into the state. Official figures show the Colorado land yields large crops of vegetables. Cabbage 10 to 20 tons per acre; tomatoes, from 6 to 10 tons; onions, 300 to 600 bushels, and celery yields a value per acre of from \$150 to \$250. Colorado is no more favorable location in the United States than the irrigated land at Highway Park for general farming, gardening, fruit growing, dairying and poultry raising. Its location so close to Denver gives one all the advantages of the best home market the country affords. It is right in the heart of civilization with telephone connection with the city, good roads and good schools. Abundance of water for irrigation and good well water for domestic purposes is easily obtained. If irrigated land interests you write to James Butler, eastern representative, 1230 Fillmore street, Topeka, Kan. Ind. Phone 3076.

WOLF BROS.'
Imported Percheron and Royal Belgian Stallions and Mares

 In making the selection of our 1911-12 stock of Percheron and Royal Belgian stallions and mares, we spared no effort to obtain the quality, bone, action and size, this combined with the best blood strains that could be found. We are in a position to offer to the public the best that money can buy, at prices that appeal to everyone. They are here to sell. Come and see them and be convinced.
Wolf Bros., Albion, Nebr.

STALLIONS
 Yes, stallion price cutter, that's what they call me, and I am proud of the title. I want to place one or more of my stallions or mares in every township, and I now have 60 head, another importation to be here this month, and I am going to slice prices on a grand scale. I will give the best of terms, and a cash guarantee. All my horses are registered in books approved by the government. I want you to look at others' horses before you come and then it is up to me to make good to you what I say. Remember if you come and look at my horses and don't say the price is right, considering quality, I will pay your expenses. Come and see me and I will assure you a bargain. Drop me a card when coming, and I will meet you at the train.
L. R. WILEY, EMPORIA, KANSAS

IMPORTED PERCHERON STALLIONS
 Our sales have been very regular this winter, and there is a good demand at present for the right kind of imported Percherons. We have yet on hand 20 head of big ton stallions, in ages from 3 to 5, that are of the very choicest type, and ready for the coming spring's service. We wish to close out all we have at this barn within the next six weeks, and are giving special low prices.
PERCHERON IMPORTING CO., South St. Joseph, Mo.

ROBISON'S PERCHERONS
 For Sale at greatly reduced prices to close Season's business.
 Twenty-five good young registered Stallions.
J. C. ROBISON, - TOWANDA, KANSAS.

50—PERCHERON STALLIONS AND MARES—50
 Bishop Brothers have 25 big boned stallions that weigh 1,700 to 2,100 pounds that they can and will sell for less money than any firm in the business, quality considered. Write us what you want.
BISHOP BROS., TOWANDA, KAN.

20 Mammoth Jacks For Sale
 from 2 to 5 years. Big boned big black Jacks with white points. No better bred ones in the country. Several of them are prize winners. Been breeding Jacks for 30 years. We make good our guarantee. Mention this paper and write or come to
Deierling & Otto, Schuyler Co., Queen City, Mo.
 On Des Moines line of Wabash railway.

18 Kentucky Mammoth Jacks
 We will have to arrive on the 2nd day of April, 18 head of Kentucky Mammoth Jacks, from 2 to 5 year olds, from 15 to 16 hands high, with plenty of bone and weight. We have 20 head of Percheron Stallions and Mares of all ages. Write for prices and descriptions and visit us before you buy. City office, 136 N. Market St. Farm and sale barn on 21st St., 1 mile east of Wichita Union Stock Yards. Long distance phone, Market 2887; farm, Market 4035-K.
J. C. Kerr & Co., Wichita, Kan.

FOR SALE
 at all times, Percheron and German Coach Stallions, and good Jacks, among them one Imported Spanish Jack, a large one. My prices are right.
M. C. CORLEY, ANTHONY, KANSAS.

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

QUALITY, SIZE and ACTION
 should be the principal factor in the DRAFT HORSE. WE HAVE IT ALL IN OUR PERCHERONS AND BELGIAN STALLIONS AND MARES. We sell the best of them from \$350 up to \$800 and \$1,000.
J. M. NOLAN, Paola, Kan.

REGISTERED BAY PERCHERONS
 —40 HEAD—
 All Registered in Percheron Society of America.
 Stallions, Brood Mares, Fillies and Colts. Sale barns in town. Call on or write.
Dr. J. T. AXTELL, Newton, Kan.

Greatest Offering in Stallions!
 60 big boned heavy Percheron, Belgian and "Boulonnais" stallions, acclimated and ready for heavy service, at half their value. 2,000 lbs. Write for information and catalog.
W. L. DeCLOW, CEDAR RAPIDS, IOWA.

Bergner & Sons' Coach Horses
65 HEAD
 What do you know about the Coach Horse?
65 HEAD
 Do you want to know more about the Coach Horse?
German Coach Horses

are the best general purpose horse for the farmer. They have size, beauty, action, endurance and intelligence and mature early. They stand gracefully both hardships of usage and climate. Many a farmer does not know what a great farm horse the coach horse really is. Let us tell you more about him and you will want him. We are offering young stallions and fillies, also mares in foal to the imported Oldenburg Coach Stallion Mephisto 4251. Call on or write, **J. C. Bergner & Sons, "Waldock Rancho," Pratt, Kan.**

Market Probabilities

(Continued from Page 32.)

millet seed, \$1.60@1.80; clover seed, \$12.00@20.00; timothy, \$10.00@15.00; alfalfa, \$10.00@14.00; flaxseed, \$2.15; seed corn, bulk, 90c @1.25 a bushel; Kafir No. 3 white, \$1.80 @1.32½.

Live Stock in Kansas City.

The highest prices of the season were paid on the local cattle market last week. Some 1,454-pound Kansas steers sold at \$3.35, and other good steers brought \$7.75 to \$3.25. The bulk of the steers sold at \$7 to \$7.75. Some Colorado steers brought \$7.90, and hay fed Oregon steers, 14 car loads, sold at \$7.10 to \$7.60. On the quarantine side the top price was \$7.40. Prices were quoted 15 to 25 cents higher; cows sold at \$2.75 to \$6.50; heifers \$3.50 to \$7.25; steers and heifers mixed, up to \$6.40, and veal calves up to \$3.25. Feeders brought \$5.50 to \$6.95 and stockers up to \$6.50.

Prices for hogs have fluctuated 15 to 25 cents and last week showed a 10 to 15-cent net gain. The market continued in a firm position, and supplies are small. The top price today was \$8, and the bulk of the hogs, sold at \$7.60 to \$7.90.

The following table shows the range of prices for hogs in Kansas City on days named for the past two weeks:

	Last week	Preceding week
Tuesday	\$7.40@8.00	\$7.25@7.70
Wednesday	7.45@8.00	7.35@7.85
Thursday	7.40@7.97½	7.40@7.85
Friday	7.50@7.92½	7.50@7.90
Saturday	7.60@8.00	7.50@7.97½
Monday	7.60@8.00	7.40@7.95

Demand for sheep continued urgent and 8-cent lambs have been fairly plentiful, a level that was not expected to be reached this year. Choice lambs are quoted at \$7.50 to \$8.15; yearlings, \$6.25 to \$7.10; wethers, \$5 to \$6.35, and ewes, \$5 to \$6.10. Clipped lambs are selling at \$6 to \$7.

The following table shows receipts of cattle, hogs and sheep in Kansas City thus far this year and the same period in 1911:

	1912	1911	Inc.	Dec.
Cattle	383,351	471,342	.....	85,011
Calves	22,362	35,729	.....	13,467
Hogs	833,230	821,029	17,181	.....
Sheep	589,764	581,599	8,165	.....
H. & M.	32,093	36,549	.....	4,456
Cars	30,151	35,069	.....	4,918

Live Stock in St. Louis.

The upward movement in prices for cattle continued last week. Threatened overflow cut the supplies down materially but at the same time demand from the Southeast was restricted. Quality of the offerings continues only fair. The highest prices paid last week were \$7.90 for steers and \$7.75 for a few heifers. Prime steers would bring \$8.50 or better. Cows are quoted at \$3 to \$6.65; heifers, \$4.75 to \$7.75; calves, \$6 to \$8.75. There was practically no thin cattle offered. Prices are nominally stronger.

New high levels for the year were reached last week in the hog market and prices here are still higher than elsewhere. The top last week was \$3.15. Today the top price was \$3.10 and the bulk of the hogs sold at \$7.85 to \$8.05.

Prime western lambs sold up to \$8.25 last week, as high as in Chicago and 25 cents above the top prices at other river markets. Choice lambs are quoted at \$7.50 to \$8.25; yearlings, \$6.50 to \$7; wethers, \$6.50 to \$6.40, and ewes \$5 to \$6. Clipped lambs sold up to \$7.

The following table shows receipts of livestock in St. Louis thus far this year compared with the same period in 1911:

	1912	1911	Inc.	Dec.
Cattle	182,900	192,637	.....	9,737
Hogs	819,623	769,914	49,709	.....
Sheep	240,973	199,697	41,276	.....
H. & M.	63,657	69,327	.....	5,670
Cars	19,423	20,338	.....	915

Live Stock in St. Joseph.

The receipts of cattle here in the past 10 days have been about normal for this season of the year, but they lack flesh, and the large part of the offerings was plain to fair short fed steers. Some hay feds are coming from Colorado and the Northwest. Feed lots in adjoining territory are said to be about bare of cattle. Good to choice steers are quoted at \$7.50 to \$8.35; fair to good, \$7 to \$7.45, and plain to fair, \$6 to \$7. Cows are in strong request with prices ranging from \$3 to \$6.25, and heifers up to \$7. Top price for veal calves was \$8.25, and for bulls \$5.50.

The market for hogs is in a firm position with prices holding close to the highest level of the year. There has been only slight temporary weakness in the market in the past 10 days. The top price today was \$7.95 and bulk of sales \$7.70 to \$7.90.

The market for sheep last week attained new high levels for the year and is apparently firm at the advance. Choice sheep and lambs are eagerly sought. Lambs are quoted at \$7 to \$8; yearlings \$6.75 to \$6.75; wethers, \$6.25 to \$6.15; ewes, \$4.75 to \$5.75.

The following table shows receipts of

livestock in St. Joseph thus far this year compared with the same period in 1911:

	1912	1911	Inc.	Dec.
Cattle	134,760	120,607	4,153	.....
Hogs	664,450	475,268	189,182	.....
Sheep	226,128	204,621	21,497	.....
H. & M.	16,396	16,784	.....	388

Cotton Market.

Galveston, Tex., April 8.—COTTON—Market unchanged, 11 3-16c.

Butter, Eggs and Poultry.

Elgin, April 8.—Butter this week is firm at 32 cents.

Kansas City, April 8.—Prices this week on produce are:

Eggs—Firsts, new white wood cases included, 19c a doz.
Butter—Creamery, extras, 29c a lb.; firsts, 27c; seconds, 26c; packing stock, 21½c.
Live Poultry—Spring chickens, 2 to 3 lbs., 16c a lb.; broilers, 25c; No. 1 hens, 12½c; No. 2 hens, 10c; roosters, 7½c; turkey hens and young gobblers, 15c; old toms, 13½c; culls, 7c; ducks, 14c; geese, 9c; pigeons, 60c a doz. Dressed poultry sells for about 1½c to 2½c a lb. above live stock quotations.

Produce Prices Now and One Year Ago.

	(Quotations on Best Stock.)			
	Butter	Eggs	Hens	
	1912	1911	1912	1911
Chicago	32	21	19	15
Kan. City	29	20	19	16½

Good Idea for Kansas to Adopt

HURDLES FOR HOT WINDS.

J. H. Worst, president of North Dakota's agricultural college, also an authority on dry farming is advocating a state law requiring the planting of a windbreak along the south line of each farm in the state of North Dakota, the effect of which it is assumed will be to weaken and finally dissipate the sweeping hot winds that do so much damage shortly before harvest. As the hot wind is always a surface breeze traveling close to the ground, there seems to be good practical sense in the suggestion. Then the aeroplanists have discovered when it strikes an obstruction the wind shoots high in the air, which means in the case of a farm with a good windbreak that the hot wind would vault over it. So would the soil blowing wind. Furthermore, the shade, foliage and roots of trees, act more or less as moisture retainers and evaporation is not so rapid where they are. Wouldn't this be a good idea for Kansas and the

readers of Farmers Mail and Breeze to adopt?

Four Big Papers for \$1.25

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

The Mail and Breeze, of which nothing need be told our own subscribers or those reading this copy of the paper. It speaks for itself.

The Household, a large family magazine, containing the choicest stories and departments of particular interest to lady readers. The Twice-a-Week Republic of St. Louis, the oldest and best semi-weekly newspaper in the entire Southwest.

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

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

You Can Make Money Raising Apples at HIGHVIEW PARK

COLORADO is the best apple state in the country. It grows the best apples and it grows them most profitably. Finished apple orchards in Colorado sell from \$1,000 to \$4,000 per acre. But there are great advantages in raising apples in the Denver District. You are near a great market. You have shipping and storage facilities. You can always get help quickly. The culled apples can always be sold in Denver for canning, for vinegar and for other purposes. This cannot be done from orchards far removed from a central market.

And Denver District apples are good apples. They took first prize at the Colorado State Fair in competition with the best the state could produce, and that means the best in the country. Orchards in the Denver District produced over \$500 per acre last year.

APPLE ORCHARD AT HIGHVIEW PARK.

HIGHVIEW PARK IS A PROVED FRUIT DISTRICT

and lands there planted to orchard will be worth the top price for fruit lands in a few years. You can raise apples as successfully at Highview Park as in any other location in Colorado.

Here Is Our Orchard Proposition:

For a limited time we will sell orchard land, including paid up water right, together with an orchard planted and cared for five years, and give an absolute guarantee to turn over to him a live orchard at that time, replacing all dead or diseased trees, for \$375.00 per acre. Orchard lands are selling on these terms in other parts of Colorado for \$1,000 per acre.

Terms: 20 per cent cash, balance in monthly, quarterly, semi-annual payments, for a period of seven years. Don't forget the location—right up against Denver. Spring is here. Look into this thing further. Write for literature, or call on

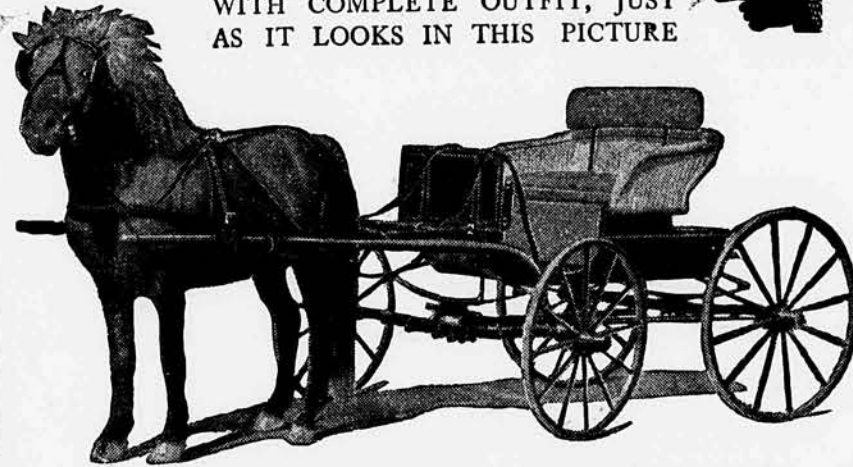
The Denver Suburban Homes and Water Co.
620 Commonwealth Building, Denver, Colo.
JAMES BUTLER, Eastern Representative, 1230 Fillmore St., TOPEKA, KAN.

THIS PONY FREE!

WE WILL GIVE YOU OR SOME OTHER BOY OR GIRL, THIS PONY WITH COMPLETE OUTFIT, JUST AS IT LOOKS IN THIS PICTURE

"Scotty"

"Scotty" is a dandy three-year-old coal black Shetland Pony, 43 inches tall and weighs about 360 pounds. You can readily tell from his picture that he is as handsome a little Shetland as you ever saw. See how proudly he holds his beautiful head. We have owned at different times over 60 ponies but we have never given away a better pony than "Scotty" which we are going to give to you or some other boy or girl. We selected him at the famous Heyl Pony Farm, Washington, Ill., where there are hundreds of the finest kind of Shetland Ponies. Hitched up to his nobby pony wagon he will haul you and all your boy and girl friends that can pile in, just about as fast as you want to go. And when you are not riding or driving him he will play with you and you can teach him to come when you whistle, and lots of cute tricks. You would be just the happiest child alive if "Scotty" were yours. Didn't you ever notice what good times children have who own ponies and how pretty these cute little fellows look trotting up the road? Everybody runs to the door and stops to look at a Shetland Pony going by. Can you think of anything you would like to own better than "Scotty"? Read this page through carefully and then send us your name and address at once.

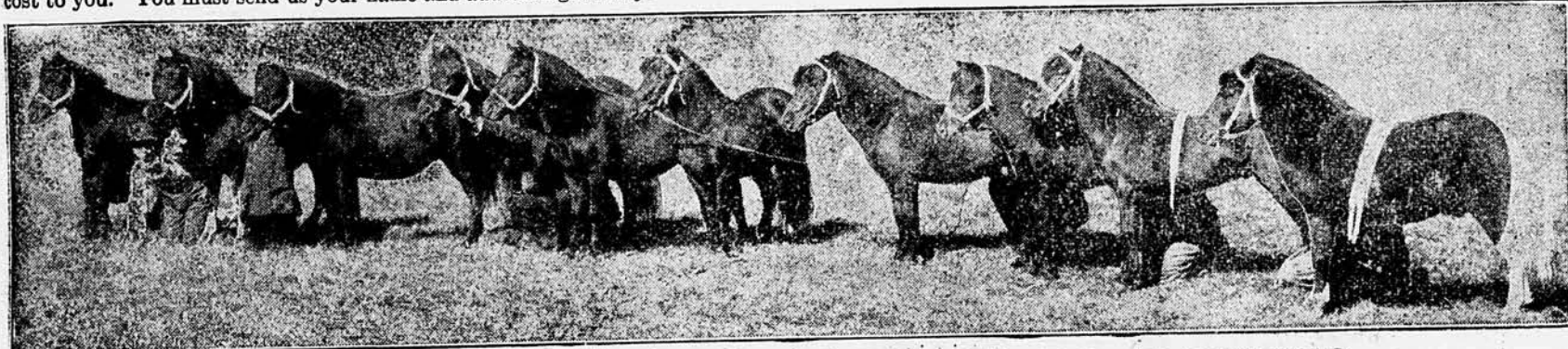


The Outfit

And best of all we send free with "Scotty" the complete Pony Outfit just as you see it in the picture. The pony wagon with its basket seat is just the most comfortable riding and easiest pulling we could buy for our purpose. We have given away so many that we know exactly what kind most boys and girls like. The handsome nickel trimmed harness looks just fine on "Scotty" and the riding bridle is imported and the saddle which we also send we had made to order for "Scotty". No child no matter how rich his parents may be owns a nobbler or more desirable pony and outfit than this one which we shall send free and all freight and express charges paid. This is surely the best chance you ever had to get a Shetland Pony, so if you haven't any and think you would like to have us give you this one, send your name and address to us right now so it will be sure to get to us quickly.

Send Your Name Today if You Want to Own "Scotty"

As soon as we hear from you we will tell you how to become a contestant for "Scotty." Don't let anyone persuade you that you cannot win this pony because our plan of conducting pony contests is different from others. The fact that we have given ponies to forty-three boys and girls already is proof that we give them away. We publish The Farmer, The Farmer's Wife and Poultry Herald. The banker or postmaster in your town knows that we are one of the largest publishing houses in the United States so we can well afford to give ponies to boys and girls to advertise our papers. Our contests are very short and you or some other child will get "Scotty" and have him to drive to school and everywhere. We never heard of one of these forty-three boys and girls until they wrote and told us they wanted a pony which shows how fair and square our pony contests are and that no matter where the winner lives "Scotty" will be sent without any cost to you. You must send us your name and address right away.



WE HAVE GIVEN AWAY 43 PONIES

Here are the Names of the 43 Boys and Girls who Won Them. Read Them! Count Them!

43

1. "QUEENIE," Stan J. Mallick, Redwood Co., Minn.
2. "BOB," John B. Corn, Jr., Palsati Co., Ark.
3. "BOSSIE," Annie Kater, Carroll Co., Iowa.
4. "NEP," Jules and Ruby Kobelin, Yellowstone Co., Mont.
5. "SPARKLE," Elsie Savage, Codrington Co., S. D.
6. "SONNY," Elmer Hoth, Allamakee Co., Iowa.
7. "FRITZIE," Marie and Margie Parker, Knox Co., Ill.
8. "TONY," Maurice Himle, Chippewa Co., Minn.
9. "KING," Vic J. Breitbach, Dubuque Co., Iowa.
10. "BILLIE," Hazel McMartin, Kingsbury Co., S. D.
11. "DUKE," Dorothy Lee Eagle, Jackson Co., Mo.
12. "DON," Oliver E. Olson, Keweenaw Co., Minn.
13. "ST. NICK," Marcella Conley, Chickasaw Co., Iowa.

14. "BEAUTY," Bertram Eldridge, Stark Co., Ill.
15. "SCOTTY," Mildred Etter, Watonwan Co., Minn.
16. "BROWNIE," Twyla Hart, Shelby Co., Ohio.
17. "JACK," Bernice Harvey, Union Co., Iowa.
18. "MAC," Ruth Mead, Salline Co., Mo.
19. "TEDDY," George Cooper, Stearns Co., Minn.
20. "TRIXIE," Frank Harris, Yellowstone Co., Mont.
21. "DAISY," Leta Hatfield, Adair Co., Iowa.
22. "FAIRY," Lawrence Ulrich, Washington Co., Minn.
23. "EVANGELINE," Gladys Houx, Salline Co., Mo.
24. "LADDIE," Robbie E. Notton, Chickasaw Co., Iowa.
25. "TOM," Helen Herrmann, Cuming Co., Neb.
26. "DREY," A. Fitzsimmons, Clayton Co., Iowa.
27. "MITSCHER," Orville Himle, Chippewa Co., Minn.

28. "BESS," Wilfred Dearehs, Kossuth Co., Iowa.
29. "JERRY," Cieta Johnson, Douglas Co., Kansas.
30. "DANDY," Grace Burrows, Wright Co., Minn.
31. "CAPTAIN," Ida O'Keefe, Mountrail Co., N. D.
32. "PRINCE," Norris Nupson, Fillmore Co., Minn.
33. "ROSE," Clarence F. Busick, Adams Co., Ind.
34. "LIZ," Edwin Kobenstein, Goodhue Co., Minn.
35. "GINGER," Charles Foster, Randolph Co., Mo.
36. "PATSY," Rena Smith, St. Lawrence Co., N. Y.
37. "BINGO," Jeanette Lansburg, Knox Co., Neb.
38. "DIXIE," Walter F. McLaren, Moody Co., S. D.
39. "JEWEL," Arthur Marode, Douglas Co., Neb.
40. "JIM," Joey Edwards, Barton Co., Kansas.
41. "MAJOR," Margaret Roth, Rice Co., Minn.
42. "GUS," Frank and Vera Brown, Dakota Co., Neb.
43. "JOE," Harold R. Palmer, Oswego Co., N. Y.

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Notice that we print the names of the children to whom we have given ponies which we wouldn't do if it wasn't true that we give away real live Shetland Ponies. You will see that we have given them to children all over the United States so it don't make any difference where you live we would just as soon send "Scotty" the next pony we are going to give away, to you as to any other boy or girl. The first thing these 43 boys and girls did was to send us their names and addresses which you must do if you want us to send you "Scotty" and his complete outfit.



EACH CONTESTANT A PRIZE WINNER

All contestants will surely get a prize of their own choosing from a list which we will send them. Besides the Pony Outfit and Twenty-five Grand Prizes we shall offer Gold Watches, Base Ball Outfits, Gold Bracelets, Fountain Pens, Hand Bags, Flash Lights, Rifles, Shot Guns and dozens of other desirable prizes. If you become an enrolled contestant in this Pony Contest you can't lose. But don't let anyone persuade you that you can't win "Scotty" because you have the same chance as any other child.

CUT OUT AND SIGN THIS COUPON OR COPY ON A POSTAL CARD AND MAIL TODAY

THE FARMER'S WIFE, 433 Webb Bldg., St. Paul, Minn.
Please send me Certificate of Entry, and pictures of "SCOTTY" and tell me how to take care of Shetland Ponies and feed them. I haven't any Shetland Pony and want to own "SCOTTY."

Name _____ R. F. D. _____
P. O. _____ State _____

SEND YOUR NAME TODAY

Our ponies are given away so quickly that you will stand a better chance to get this one if you sit right down and write us a letter or a postal card or send the coupon opposite filled out with your name and address (either way will be all right). The work we require you to do to become a contestant for "Scotty" is something that any boy or girl who could drive a pony can do, and any child who becomes a contestant will win a fine prize even if he fails to win "Scotty" which is the best prize of all.

Be sure to address postcard or envelope **THE FARMER'S WIFE** 433 WEBB BUILDING, ST. PAUL, MINNESOTA.