



THE FARMERS MAIL AND BREEZE

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



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MARKETING KANSAS APPLES TO BEST ADVANTAGE

Some things that stand between Kansas and a reputation in the markets for Kansas fruits, says President Hoover, are our "big ideas." This is a relic of the boom days in orcharding when entire farms were set in apple trees irrespective of soil variations and adaptability of location. To make apple-raising pay, says Mr. Hoover, we need smaller tracts well developed, intensely cultivated, pruned and sprayed. Doesn't this sound like sense? At the present time he describes Kansas, as a fruit state, as being in a transition period between shucking off old methods and adopting better ones. The outlook is encouraging.—Editor's Note.

TO MARKET a crop of apples is not hard work if the quality, pack and variety is good. Especially is this true if you have been in the habit of caring for your fruit so as to obtain these qualifications. Good fruit sells readily. Of course, some years apples will bring better prices than others. This is regulated by the old mat-



E. G. Hoover.

ter of supply and demand. My advice is to pack and ship out as soon as packed this year. A fair price is all we may expect this season in Kansas and it is likely as good a price will be obtained at picking time as in the winter and spring for storage stock. The reason for this advice is that the Far West has an enormous crop and competition is going to be strong. Far Western stock has the beauty and size if not the flavor. It has the most skillful packers and the best brokers in its employ. This with plenty of judicious advertising makes the competition of these fruit growers hard to meet. As our season is earlier, and we have an abundant crop in prospect, it will pay us to pack and sell so as to have the bulk of our stock out of the way before theirs comes in—provided we are ready to sell and prefer not to cold store. It seems to me that a fair price this fall is the proper thing. Of course the long storage will make a few some money, but by the time interest, storage charges and incidentals are figured up not much of a profit will be realized unless you have exceptionally good stock, well packed.

In picking apples it is only a question of care and convenience. Great care should be exercised in handling to avoid bruising. There are a number of good sacks manufactured for picking apples and it is advisable to get enough to handle your crop. The western three legged ladder is, in my opinion, the proper ladder for picking the fruit from the trees, as you do not break limbs or knock off as much fruit as you will with a common ladder.

The box, or western package, is the neatest and best package. If you have good clean, smooth fruit, well colored, my advice is to use the box.

In packing apples in boxes you should be careful to pack all apples of one grade in a box. Make it fancy if they are fancy, choice if choice, and standard if standard. Put your name on this box, also the name of the variety and its grade. Use a neat rubber stamp for this purpose, paper-line your boxes and be careful to maintain the neat appearance of the box, as this appearance is the first thing to catch the eye of the prospective buyer.

My advice to growers this season,

Ways of Handling That Help the Price and Sale of the Crop

Written For Farmers Mail and Breeze

BY E. G. HOOVER

President Kansas Horticultural Society

and all seasons for that matter, regardless of the extent of the crop, is always to pack carefully and fill boxes so as to cause a good bulge on top and bottom. In packing a box of apples work the apples around lightly with your hands to take up slack and be sure to keep the corners well filled if you want good full boxes.

As to methods of convenience in packing, any sort of a frame with a canvas bottom is good enough for a packing table until experience or invention brings something better. No use taking up your time or printed space in giving you a lot of ideas when necessity will compel you to use your own.

To have your apples in proper condition for packing you should commence preparation the fall and winter before. The trees should be properly pruned, the dead branches cut out, the bushy branches thinned and the centers removed to allow free circulation of air and sunlight, besides allowing for the added advantage to be gained by a better opportunity for proper spraying for fungi and insects.

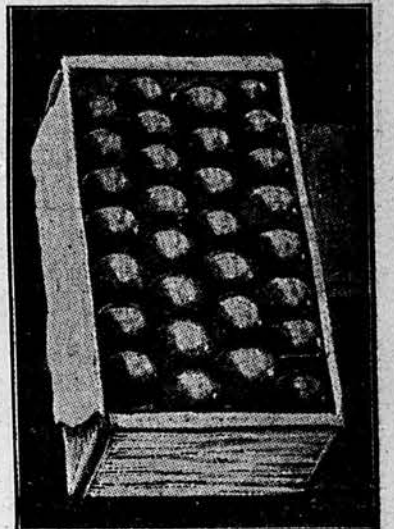
After a thorough pruning and a clean up of all trash, such as brush, dead grass, etc., a good double disking is in order, for this early spring cultivation is a mighty fine tonic for the trees and gives them

a chance to improve in health and circulation, to make a stronger set of blossoms and consequently a larger set of apples.

Next, knowing the pests which infest your locality, it is the right thing for you to study the time and the right time to spray for best results. Your Experiment station can direct you on the right path.

One thing should be understood and that is this spraying job should be carried out on schedule time, if beneficent results are to be obtained.

Having attended properly to the work described good results are to be expected when picking time comes. If you have more than 50 per cent of No. 1 apples (get a scoring card and understand what constitutes a No. 1 or fancy apple) you have done well and continued care and



The diagonal pack, in which no one apple rests upon another but fits in between the four apples below.

study will greatly increase this per cent, provided you have good, constitutionally sound trees of the right varieties for this section, on soils adapted to apple culture.

Sometimes you hear some people say that Kansas is not a fruit state. I do not say that Kansas is a fruit state, but I do say that there are many localities in Kansas especially favored in this respect, and many more that could be made to produce more money from fruit than the crops now grown thereon. Of course I mean to make this statement provisional. The proviso is that men who understand fruit growing and who are interested in that business are needed; and that there be less acreage per man. You cannot take a large amount of land, put it in fruit and make it pay like a smaller tract well developed, intensely cultivated, pruned and sprayed. In Kansas our ideas are rather overdeveloped. Big things count too much with us. System would be better and it will come with time. The new order of things is gradually spreading and while it is slow in coming, it is surely coming. The muddle is with us now—the chaos between the old way and the new—but in some few spots in Kansas the new way is coming forth from this disorder and the future is bright and smiling with good cheer for the hardworking fruit-grower.

Watch Kansas horticultural figures this year.

The hopperdozer described in the Mail and Breeze of July 27 seems to be doing its work well. P. H. Lind and H. Murdock living near Saffordville, Kan., gave the dozer a trial last week and literally harvested the hoppers by the bushel. A few turns around the edge of a field would yield as high as 6 bushels of the insects.



Scene in the orchard of W. W. Gilmore, Shawnee county, Kansas. This orchard of 5 acres produced 5,500 bushels of apples in 1910 which sold for \$6,757.50, an average return per acre of \$1,351.50. It affords a striking demonstration of what can be done in fruit raising when it is done in a business-like way.

Smash! Go Prices

A Harvest of Bargains For Shrewd Buyers

CLEAN-UP SALE Of Odds and Ends of Seasonable Goods That Will Save You Money

In order to clean up the stock and make room for Fall and Winter Goods now coming, we are going to sell any quantity of the following, **while they last, at less than wholesale prices.** Every item is seasonable, or soon will be, and worth more than **double the prices quoted.** Every item is guaranteed as represented. Not a penny's worth of profit do we ask. As long as the goods last you can buy at a fraction of their actual worth. **Don't delay.** Pick out the goods you want, and let us **have your order QUICK.** Look at your catalog prices and verify every item. In all cases money back if not as represented. Remember, we do not accept Coupons on Grocery orders.



SUITS SACRIFICED

T593—Regular retail \$25.00 Suits in either dark silk mixed, or novelty medium light brown worsted. Former selling prices, \$17.00 for two-piece suit and \$18.00 for three-piece suit. Verify this price in your Catalog. Your choice of cloth. NOW

Full Suit \$12.95
Coat and \$11.95
All sizes 34 to 44-inch chest. Stock is limited, but one of the biggest money-savers we have ever offered. Style and quality first. Just a few at this price.

EXTRA TROUSERS



T771—Fine quality, stylish dark dress worsted, made to match up with a pair of dark goods. A popular fabric. Our regular \$3.50 Trousers which sell for double at retail. Cut price, pair

\$2.85
Sizes 30 to 48-inch waist.

T773—Handsome fine quality worsted of medium and dark gray, stripe effect. Were sold by us at \$4.00 and are worth more. Better than retailers carry in stock by all odds. Sizes 30 to 48-inch waist. Hammered down to; the pair,.....

\$2.95



SMASH No. 1 NOW \$3.50

Coats in This Lot
Sold from
\$4.98 to \$6.98

15X40002—Think of this: 300 Ladies' Long Coats, all well made and full sized, for \$3.50. Some have braid trimmings, others plain tailored styles. Length 50 and 55-in. Colors, black, gray mixtures and dark blues. Sizes, 34 to 42-in. bust measure. Shipping wt., 4 lbs. **ORDER** Cut price.....

\$3.50



SMASH No. 2 NOW \$4.95

These Suits Formerly Sold For \$6.95 to \$8.50
15X40000—A wonder at this price. Neatly tailored Suits, made of good wearing materials, such as thibet cloth, novelty suitings and broadcloths, for general wear. Now is your chance to secure one. Regular sizes only, which are 32 to 42-in. bust measure, 22 to 30-in. skirt band, and 32 to 42-in. front skirt length. Colors, black only. Shipping wt., 4 1/2 pounds. **Cut Price.....**

\$4.95



Smash No. 3 NOW \$8.98

Any Suit in This Lot Worth from \$15.00 to \$20.00

15X40005—Very beautiful, high-grade Suits, greatly reduced in price. Made of fine quality broadcloth, worsted and woolserge. Some are richly trimmed. Jackets are lined with guaranteed satin. Skirts mostly panel-back. Guaranteed to fit. Regular sizes only. Colors, black, gray or tan and navy blue. Shipping weight, 4 lbs. **Cut price.....**

\$8.98

Boys' Suits 1/3 Off

All wool cassimere, our regular \$4.00 quality, medium brown, double breasted, fine appearing, worth twice our cut price. **T549**—Ages 8 to 16 years. **\$2.95**

\$3.15

BELT PRICES BELOW COST

X507—Taffeta, black, navy and brown, like cut, were 25c. **15c**
X509—Silk Taffeta, black, navy and brown, were 40c, now **25c**
X542—Elastic, white and black stripes; each..... **15c**
X544—Silk Elastic, stone set in buckle; each..... **25c**
1510—Ladies' Leather Purse, were 30c; now..... **25c**

SKIRTS

SLAUGHTERED

15X40022—To reduce our stock we offer high-grade Skirts at less than cost to manufacture. These Skirts are made of Panama and Sicilian cloths, in black, navy or gray mixed, mostly panel-back. Regular sizes only. Give second choice in color. Postage extra 25c. Special cut price, each

\$1.98

Hammered to Half Price

15X40024—Ladies' fine, high-grade Skirts made of wool, voile and chiffon. Panama cloths, some silk trimmed, others hand somely tailored. A Skirt for the best wear. Worth double the price we ask. Colors, black, brown, navy or gray mixed. Regular sizes only. **Cut price.....**

\$3.75

BIG CUT IN MILLINERY

Last Chance to Get Swell Millinery at Less Than Cost. We have sold hundreds of these Hats this season. Every one delighted. We still have a few dozen left and rather than carry them over we have cut the price to less than cost to sell now while customers can get the benefit.

EACH \$1.50 ONLY

Your choice of white, black, burnt straw, or navy. Trimmed to match shade selected. An all-season style—Spring, Summer and Fall. Big Bargain; wonderful value. Don't wait if you want one of these beautiful, stylish Hats at this unheard of price.

Many a Woman Pays \$5.00 for a Hat No Better Than This One.

FINISHING BRAID

X21—Red and white, blue and white, 6-yd. pieces; per piece..... **2c**
X420—Red and white, navy and white, wider pattern, 6 pieces, 6-yd. lengths..... **12c**
X421—White 1/2-in. Mercerized, 4 yds. to piece, 4 pcs. 15c

MILK BOTTLES REDUCED

These Will Go Fast—Don't Wait
Half-pints, gross..... **\$3.75**
Pints, gross..... **4.40**
Quarts, gross..... **6.50**
Put up in 1/2-gross crates. 5,000 Bottle Caps..... **99c**
Order No. X22.

Mason Jars Cut

Pints, per doz..... **40c**
Quarts, per doz..... **40c**
Half-Gallons, per doz..... **60c**
With every order of 5 dozen Jars we supply rings FREE.
Order No. X2794.

EVERY ITEM IS A BARGAIN

Groceries Way Down

You seldom see a Clearing Sale on Groceries that is good fresh goods of seasonable items, just the things for present needs, and at prices far below the regular quotations. Twenty-five to thirty-five per cent on Groceries is a big saving to you. Get your order in early. When these lots are gone we can not replace them at the prices quoted.

EXTRA SPECIAL OFFER \$15.00 Worth of Good Groceries for \$10.00.

35 Pounds Fine Granulated Sugar.
5 Pounds Old Crop Rio Coffee.
2 Pounds New Mixed Tea.
12 Cakes Fancy Milled Toilet Soap.
6 Cans Sweet Sugar Corn.
6 Cans Baked Beans.
3 Cans Whole Tomatoes, No. 3 Cans.
3 Cans Blood Red Beets.
3 Cans Pie Pumpkin.

Extra Special Grocery Assortment..... **\$10.00**

23G7010—Alaska Pink Salmon, No. 1 tall cans good new fish, regular \$1.75 quality. Clearing sale price, doz. \$1.25; case 4 doz. **\$4.90**

23G7012—Baker Brand Light Red Alaska Salmon, A fine tender, \$2.50 quality. Clearing sale price, doz. \$1.50; case 4 doz. **\$5.90**

23G7014—Imported Norway Sardines, fried in olive oil. Special Clearing sale price, per doz. **60c**

23G7016—A Blended Tea that will produce a rich, flavored, delicious tea. Clearing sale price, 4 lbs. **\$1.15**

23G7018—Extra Quality Tea Siftings, "Pooi dust." The kind that sells at 20c per 1-lb. pkg. Clearing sale price; 3 packages..... **95c**

23G7020—White Jersey Pears in Syrup, a delicious table fruit. Regular \$2.00 quality. Clearing sale price; doz. **\$1.55**

Case, 2 doz. **\$3.00**

23G7022—A delicious eastern Green Plum, full pack, No. 3 cans. Regular \$1.50 quality. Clearing sale price; doz. **\$1.05**

Case, 2 doz. **\$1.65**

23G7024—Your choice of Gooseberries, Blackberries, Strawberries, Cherries, or Blueberries, No. 3 sanitary cans; doz. **\$1.55**

Case, 2 doz. **\$3.00**

23G7026—California Crawford or Lemon Cling Peaches, No. 3 cans, full pack, regular \$2.50 quality. Clearing sale price; doz. **\$1.65**

Case, 2 doz. **\$3.25**

23G7028—California Apricots, fine mellow halves, No. 3 cans, regular \$2.50 doz. Clearing sale price; doz. **\$1.65**

Case, 2 doz. **\$3.25**

23G7030—Santa Clara Prunes, small, meaty, new California stock. Regular 10c lb. Clearing sale price; 15 lbs. **\$1.00**

23G7032—California Evap. Peaches, large yellow selected halves. Retail as high as 20c per lb. Clearing sale price; 11 lbs. for **\$1.00**

23G7034—Bright new California Sultan Raisins, rich delicate flavor. Regular 15c quality; 11 lbs. for..... **\$1.00**

23G7036—California Cooking Figs, makes delicious sauce. Regular 15c quality. Clearing sale price; 10 lbs. for..... **75c**

23G7038—A special lot of Royal Turkish Dates, bright fancy stock. Clearing sale price; 10 lbs. for..... **75c**

23G7040—Northern Sugar Corn, fancy, full pack, a regular \$1.10 quality. To move, Clearing sale price; doz. **\$1.55**

Case, 2 doz. **\$1.65**

23G7042—Morgan & Clark June Peas, the finest brand of the soaked varieties, regular \$1.00 per doz. Clearing sale price; doz. **75c**

Case, 2 doz. **\$1.55**

23G7044—Tomatoes of extra quality, 5-in. sanitary cans, fine big whole Tomatoes, the \$1.90 doz. variety. Clearing sale price; doz. **\$1.35**

Case, 2 doz. **\$2.65**

23G7046—Fancy cut White Wax Beans, full pack, tender and sweet, regular \$1.25 doz. Clearing sale price; doz. **\$1.65**

Case, 2 doz. **\$1.65**

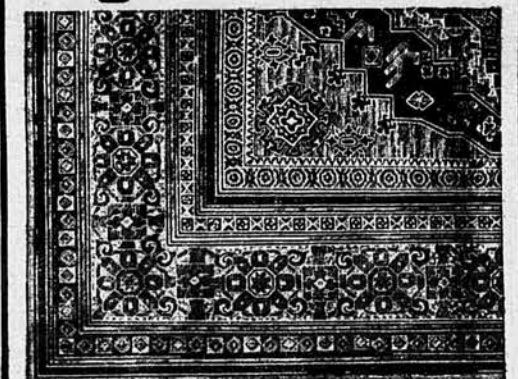
23G7048—Colorado Stringless Beans, tender, new green beans, \$1.50 per doz. quality. Clearing sale price; doz. **85c**

Case, 2 doz. **\$1.75**

24X4735—Beveled Edge French Plate. Worth Double the Price.

Order on our Guarantee.

Rugs—Slashed!



Best Huntingdon Axminster Rugs cut to cost. Fine, high-grade excellent values. Colors, brown with tan, red and green border, and red and green with tan center. Out shows 1/2 of Rug. Give size wanted and order number: State Colors.

X221—Axminster Rug, 12x18 feet..... **\$7.00**
X221—Axminster Rug, 14x20 feet..... **11.00**
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X221—Axminster Rug, 11x13 feet..... **15.00**

Slaughter Sale of High-Grade LACE CURTAINS

ORDER QUICK—Look for the pattern in your Catalog and send us your order TODAY at the Cut Price.

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21X177—Cable-Net Curtain, plain center, fancy border, width 50-in., length 3 yds., white only, (postage 25c extra); pair..... **\$1.75**

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ARTHUR CAPPER, Publisher. T. A. McNEAL, Editor
A. L. NICHOLS, Associate Editor.

E. W. RANKIN, Advertising Manager.

Editorial Contributors.

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

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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

ROOSEVELT'S SPEECH. The Roosevelt speech delivered before the Progressive convention in Chicago is in many respects the most remarkable speech he ever delivered. It is radical, extremely radical, in many ways, and contains a good many statements of principles and policy with which I heartily agree.

His ideas on conservation; on the betterment of labor conditions; on the betterment of farm life; on the way to handle Alaska, by the building of government roads and the government ownership of the mines, leasing them to operators so that trusts may not get their grip on the resources of that country, appeal to me strongly.

The speech is long, but it will pay you to take an evening and read it through. However, there are some important matters that he does not even touch upon. There is not a word in it suggesting a change of our financial, especially our currency system.

As money is the life blood of commerce it is just as essential in my judgment to the health of the nation to have a sound, abundant and well distributed currency as it is essential to the health of the human body to have a free circulation of the blood in the body. Stop the circulation of the blood in the body and the man faints and dies. Stop the circulation of money, the medium of exchange, and the business of the country gets sick.

Before the business of this country can be on a sound and permanent basis the power must be taken out of the hands of a few men to control the currency of the country. It cannot be said that production has been brought to a state of perfection by any means, but it has advanced beyond the facilities of distribution.

Two things are essential to distribution; one is transportation and the other is the money or fluid credit that is necessary to give to the whole people the benefits that come from abundant production. If it is right that the government should develop the resources of Alaska in order that the whole people may have a chance to benefit therefrom, it is right that the people should, through their national, state and local governments have the means and opportunity to develop their natural resources and get the benefit therefrom instead of permitting a few syndicates to reap the harvest and to say when and how those resources may be developed if they are developed at all.

Mr. Roosevelt is still obsessed with the idea that the way to bring about a world peace is to spend more and more money in preparing for war; to build more and bigger battleships, cast more and bigger guns and equip bigger and still bigger armies.

The logic of this sort of reasoning is that when the nations have exhausted their resources; when they can no longer borrow money; when it will be impossible to wring any more from the people by taxation, then this infernal folly of building bigger and

bigger warships and equipping bigger and bigger armies will cease.

I believe that if the United States would proclaim to the world that on and after a certain date we would refuse to have trade relations longer with any nation that refused to disarm, we could bring about a permanent world peace within five years.

I would turn the hundreds of millions that we spend annually on preparations for war into the development of our resources so that our people might have employment, the land made to produce abundant harvests where now it produces none. I would take from the money oligarchy the privilege of controlling the credit that belongs to the whole people and make the people through their various forms of government masters of their own credit.

There is a vast amount of talk about giving the people the right to rule. Solomon said more than 3,000 years ago that the borrower was the servant of the lender. The people cannot be free until they have the power to lend to themselves and become the controllers of their own resources.

So far, I have not been able to find much comfort in any of the platforms promulgated. There are a lot of high-sounding phrases and glittering generalities, but in not one of them is there a single practical suggestion as to how the people who are borrowers may get away from their servitude.

Every man knows that what Solomon said is true, that the borrower is the servant of the lender. Every man knows that the vast mass of business men of the country are in financial bondage to the few whose business it is to lend money. But in neither the platform of the Republican party nor of the Democratic party is there a suggestion of a way to get out of that bondage.

As I write this the platform of the new party has not been published, but judging from the speech of Roosevelt it will be as barren of a practical suggestion in that line as either of the others.

A WORD FURTHER ABOUT THE ARMY.

While I am strongly opposed to the present plan of militarism that is in force not only in the United States, but far more strongly in other countries of the world, I am not opposed to a reasonable amount of military training for the young men of this country. I recognize the fact that a certain amount of discipline, the inculcation of orderly habits and sanitary regulation is a benefit to the young man.

Military training has certain advantages that are apparent. For example, it teaches the young man how to take care of his person; to stand erect; to be orderly in his habits. So I would not do away with the things that I consider good, but I would if I could change the whole system.

I would not object, for example, to making a reasonable amount of military discipline a part of the curriculum in our public schools, especially in our higher schools. I would not object even to a moderate sized regular army, but I would make that a democratic army. I would make it practically a self-supporting army. There would be no social line drawn between the men in the ranks and the men in command. All promotions would be from the ranks. The army would not waste its time in useless military drills at military posts.

I would make it a working army. The men would be employed on public works, in the building of government railroads; in the construction of reservoirs; the building of dams for the purpose of developing water powers—in short, in the conservation and development of our vast natural resources for the benefit of the whole people.

Education of the head would be carried along with the practical education of the hands in actual work, so that when the young man's term of enlistment had expired he would not only be a well educated man and a well drilled man, but he would be a trained worker and his work would be of practical benefit to the republic.

He would be stimulated by the prospect of promotion and taught that the marks of toil were not badges of inferiority but marks of honor, and that the best workers were those most eligible to promotion.

I recognize the fact that the time may possibly arise when it will be necessary to call on the manhood of this country to defend it, and I am not averse to preparing the young men of the country for such a possible contingency. I recognize also the peculiar position this nation has assumed for a century concerning the western continent. We have assumed a sort of older brother guardianship over the so-called republics of the western continent and said to other nations that they must keep hands off.

It is unfortunately true that in many of these republics the governments are failures. A succession of petty tyrants has arisen, whose only purpose was self-enrichment and exploitation of the miserable people who live in those so-called republics. With almost unbounded natural resources civilization in many of those countries has not advanced but actually retrograded, and instead of general prosperity and increased enlightenment the masses of the people are steeped in poverty and ignorance.

Revolution succeeds revolution and the people are plundered in turn by the banditti that gather about the standard of each revolutionary leader. Human life is not protected and a state of practical anarchy has taken the place of orderly and just government.

What is our duty under these circumstances becomes a most serious question. Is it our duty to establish justice and orderly government in these

countries on the western continent, where neither justice nor orderly government exist at present? If we are to continue to assume the guardianship of these countries, should we not take on ourselves the responsibilities of guardianship? Should we say to these countries, we will let you go your own way, to work out your own salvation without any help or guidance? Or shall we exercise a kindly protectorship?

It seems to me we have got to take one alternative or the other. If we take the position that it is part of our business to establish and maintain orderly and just government in these South and Central American countries and in the islands that lie near our shores, then of course we will have to be prepared to even use force if necessary in order to protect the rights of the masses of the people in those countries.

That it is a serious and debatable question as to what the United States should do in the matter of her relationship to these unhappy and misgoverned countries there is no doubt, but it seems to me that we must either give up the Monroe doctrine and wash our hands of any responsibility for the conduct of other American countries, or else we must stand by the logical conclusion of that doctrine, which is that we will see that justice is established and maintained in those countries; that life and property are protected, and that the people shall not be exploited and plundered by a succession of unprincipled tyrants, but shall have the opportunity to enjoy peace and progress.

FIRE LOSSES IN KANSAS.

During the year 1911 insurance companies paid fire losses in Kansas to the amount of \$3,111,272, according to the figures compiled in the office of the state superintendent of insurance. The superintendent of insurance estimates that this represents only about one-half of the actual losses sustained.

In other words, during the year, according to his estimate, there was destroyed by fire in Kansas more than 6 million dollars' worth of property, which amounts to a loss of approximately \$4 for each man, woman and child living in the state. It is an amount sufficient to pay twice over the total taxes collected for state purposes.

This is an enormous drain on the people. It may be said that the insurance companies have paid back to the people more than 3 million dollars, but the companies pay back only a part of the money, they collect from the people. The loss is the same. The property is destroyed.

That the loss is vastly greater than it ought to be goes without saying. In no other country in the world, that is, in no other country that amounts to anything, is the fire loss half as great as in the United States. There must be something radically wrong with our system of dealing with fires, or rather with our system of preventing fires here.

The truth is that our system tends to encourage fires rather than to prevent them.

Insurance companies are permitted to insure property at its full value and often at a good deal more than its full value. That is offering a temptation to incendiarism. No insurance company should be permitted to insure property for more than 75 per cent of its actual value.

Every property owner should be willing to bear a part of the risk on his property, and if he is not willing he should be compelled to do so by preventing him from getting more than 75 per cent insurance.

Some of the insurance companies clamor for the repeal of the valued policy law. They want to still retain the privilege of putting as much insurance as possible on property but not paying the full amount of the insurance in case of loss. That is inequitable. That means that they want to collect as much as possible in the way of premiums but do not want to be responsible for the full amount of insurance in case of loss.

The insured should get what he pays for, but neither he nor the company should be permitted to enter into a contract to insure his property for more than it is worth or for what it is actually worth.

There are a good many people who are not actually dishonest enough to set fire to their buildings or to hire somebody else to set fire to them, who are, nevertheless, a good deal more careless about protecting their premises when they know that the premises are insured for all or more than they are worth than they would be if they knew that a fire would mean a very considerable loss in actual dollars to them.

There are a few things that ought to be done and can be done to protect the people from this enormous loss by fire.

(1) No property should be insured for more than 75 per cent of its assessed or actual value.

(2) The inspection of buildings should be made much more rigid than at present.

(3) In cities where there is a police force, the police should be educated so that they will know how to inspect property with a view to its safety from fire loss. They should be instructed as to defective wiring, defective flues, defective construction generally. Then a part of their business should be to make frequent inspection of property on their several beats and enforce necessary requirements for the protection of property from fire.

(4) Laws should be passed concerning the construction of buildings, both residence and business

buildings. No person should be permitted to erect a building which is a fire trap and a menace to the property of his neighbors.

Our present laws or lack of laws and lack of efficient inspection not only cause a vast and unnecessary loss of property, but they encourage crime, which is a more serious matter than the mere loss of property. Arson is, I believe, one of the most common of crimes. It is hard to detect. Many a building has been burned designedly and the facts have never come to light.

Lack of intelligent and rigid inspection causes a vast number of fires that might be avoided. In these cases, while there is no criminality, there is almost criminal negligence. In this connection I quote from the forthcoming report of the superintendent of insurance:

I believe that fully one-half of the fire waste may be placed at the door of the careless. Carelessness in handling the match, faulty construction and equipment, the careless smoker, carelessness in permitting rubbish to accumulate upon the premises. In France and Germany carelessness upon the part of the people of the character stated above is made a crime against the state.

It is lamentable that too many people feel that their responsibility ends as soon as their property is covered by insurance. The education of the whole people to the importance of safeguarding their property against fire by the elimination of carelessness is the end sought. The State Fire Prevention association is doing splendid work along this line and should be commended and encouraged. The proclamation issued by your excellency, designating a general clean-up day is an advanced step toward the attainment of the object sought and, in my opinion, one day in each year should be set aside and designated, "Clean-Up Day," by statute.

If means can be devised whereby the public may understand that one-half of the enormous fire waste is directly attributable to carelessness and through this knowledge be influenced to the extent of eliminating it, a reduction of the rate of insurance proportionately must and will follow.

The loss by fire, originating through incendiary origin, is much greater than the average citizen is aware of and appears to be on the increase. Contrary to the general understanding, the insuring public pays for the losses of this character by increase in the rate of insurance. Resting under the delusion that the insurance companies are the only sufferers, the public remains indifferent and the criminals are allowed to escape punishment.

ELECTION OF POSTMASTERS.

Editor Mail and Breeze—I should like to have your views through Farmers Mail and Breeze on patron-election of postmasters instead of the present unsatisfactory appointment method.

Russell, Kan.

I have for years advocated the election of postmasters. If the people are capable of selecting their other local officers there is no reason why they cannot select competent people to run their postoffices.

There is no office that so generally touches all of the people as the postoffice. Possibly a third of the people have business once or twice a year with the county treasurer or county clerk, but all the people who are able to read and write have business frequently with the postmaster. It should not be the political perquisite of any congressman to be used to further his political fortunes.

It is true that there is some pretense at this time that postmasters are to be kept out of politics so far as using their offices to further the political fortunes of any candidate is concerned. We know, however, that this is a sham and that today the postmasters in the towns of any considerable importance are actively engaged in political intrigue. They feel that they are obligated to the congressman who secured their appointment, rather than to the people who patronize the office and whose interests they are supposed to serve.

The most prominent postmasters in this congressional district and presumably in other congressional districts are actively engaged in forwarding the political fortunes of their congressional patron. It is unfair, but it will continue as long as the appointive system continues.

REDUCE THE WHEAT ACREAGE.

Editor Mail and Breeze—Western Kansas is the most misunderstood territory in the whole West. For over 30 years newspaper fakers have had a good market for their "stories" and some of them have been used by land speculators, if they suited, to mislead thousands of settlers.

Then, when once in six or eight years there was a good wheat crop and the thousands of unbalanced farms demanded transient help for the harvest, the "liars" have gotten in their work again and the world and Thomas county were told that western Kansas was the greatest wheat country under the shining sun, and everybody went wild and "scratched in" wheat from September to Christmas, men sowing more wheat than they could possibly harvest right.

Then the "wheat kings" would be interviewed and would tell what a wonderful county we had and would calmly say, "If the Lord will send seasonable rains we will have the greatest crop ever produced, enough to load wagons in a string from McCracken to Kamchatka." But the Lord would forget to send seasonable rains and the farmers would forget to conserve any moisture in their lands that had been "jabbed over" with an infernal disk plow or "chopped at" with a disk harrow and then the newspapers would tell another kind of a story.

Is it not time to quit such foolishness? There are 15 counties in western Kansas with less population than they had a year ago. Too much wheat. Too little forage. Too little stock. There are 25 western Kansas counties where the wheat crop has not for 20 years paid even good wages, not counting interest on the land and equipment and the farmer's profit.

I believe in Kansas and I believe in western Kansas, and I believe I am a better friend of that part of our state than the "boomers." It is time to use some good hard sense and tell the truth. George W. Martin said last winter that "it would

be a blessed thing if Kansas would keep its mouth shut for five years."

Now, then, I want to urge upon all patriotic citizens of Kansas to support the Agricultural college in its campaign for: (1) A reduced wheat acreage in all the counties west of the center of the state; (2) To urge that no man should have more than one-third of his farm in wheat, no more than he can handle properly and in good season; (3) That no man shall plow ground for wheat after August 15 or 20; (4) That no man shall sow more wheat than he can harvest with his own help or with local assistance; (5) That every farmer shall begin a system of rotation and not seed wheat this year in fields that have been in wheat continuously over seven years, and that he will next year seed wheat in no fields that have been in wheat over five years; (6) That every farmer in western Kansas shall increase his acreage of forage crops, Kafir, cane, milo and alfalfa, and that he grow more stock and feed all his forage crop to livestock; (7) That every farmer increase his cattle interests and that when he has 12 head of cows and calves he build a silo and then increase his herd. Reduce the wheat acreage to a sensible farm basis and save the land. Wheat is a soil-robbing crop and the time will soon come when that farmer will not be considered a good citizen who persists in being a "wheat king."

Three years ago I assumed the responsibility of urging the railroads to quit giving reduced rates for "transient" harvest hands and I announced in the papers at that time that I had made such a protest to the railroads. I am this year asking every thoughtful man in western Kansas to urge a reduced acreage of wheat and in the extreme western counties the "summer fallow" method must be adopted or the county will be depopulated.

Kansas has 105 good counties. Western Kansas has a future that can be built up on truth and honesty. Let us develop at home for the next five years and shut off the "hot air." The "boomers" have the yield estimate 20 per cent too high now and the farmers have the pleasure of accepting a reduced price for their wheat. Reduce the acreage 20 per cent and the total yield would be increased 20 per cent through better farming methods.

It strikes me that there is a good deal of good sense in the foregoing, but let us add something to it. I have advocated government and state aid in conserving the waters of western Kansas. That will come after a while, but it may be some time in coming.

In the meantime let the residents of western Kansas save what flood waters they can. They are not financially able to build dams that are permanent across the larger streams and thereby create great reservoirs, but they can build small dams across draws and small streams that will create small reservoirs.

They can from these storage reservoirs irrigate at least small areas of ground for gardens and groves and orchards. A single acre properly irrigated will produce enough vegetables to supply the table of a large family and with the vegetables that can be grown on that acre together with the poultry and eggs and the output of two or three cows that family can live pretty well. They will not accumulate riches very fast, but they can live comfortably during the driest year that there has ever been out in that country.

There are years when the fierce hot winds will burn up even the forage crops out on the unirrigated highlands, but these hot winds will not destroy the potatoes in the irrigated patch of ground nor the beets or other root crops that can be successfully grown by irrigation.

It is all right to keep on agitating for the great comprehensive scheme of water conservation by government aid, but in the meantime it is wise for the western Kansas settler to go into the conservation business as far as he is able on his own hook.

Truthful James

"I am a believer," said Truthful, "in the theory that the kind of food a feller eats will affect his character and personal appearance. Onet I was marooned, so to speak, at a place which was a hundred miles at least from any town. There was a sort of trail led by the place and a feller who evidently hankered after the lonesome life had come out there and started a kind of a store. He didn't keep much of anything in stock and didn't sell much, but then it didn't cost him nothing scarcely to live and so he got along.

"About all I could git to eat there was crackers and bologna sausage. It was tough livin', but I had to stand for it. So I would go to the store three times a day and call for my crackers and bologna and take a tin cup of water and wash it down.

"By and by I commenced to develop rather alarmin' symptoms. My nose got so that it was damp and cold all the time and my ears begin to sort of droop over like a hound's. Finally it got so that I didn't seem to be able to talk right. I got so that I didn't ask for bologna. I would go in and sit down and bark at the storekeeper till he would cut off a hunk and when he would toss it over to me I would cock up my ears and catch it in my mouth like you have seen a dog do. At the end of four weeks I would run around with my tongue hanging out and lap water out of the horse trough.

"It struck me by that time that if I didn't get away from there right away when I got back home the authorities would insist on my wearing a collar and paying a dog tax or else run me into the pound.

"On another occasion I was compelled to stay on a goat ranch for six months and eat nothing in the way of meat but goat flesh. At the end of four months two horns commenced to grow at the top of my forehead and a billie goat whisker started on my chin. I chewed up the shirt the boss of the ranch had hung out on the line and got whipped three

times for butting into things that didn't concern me."

"One time," said old Cy Plunkett, "I stopped where an auctioneer was tryin' to sell a horse. That horse was sure a beauty. He stood more than 16 hands high, was a beautiful chestnut color, round bodied, full-chested and arch-necked. I looked him over for blemishes and couldn't find a single one.

"I asked if I could examine his mouth and the auctioneer said that I was at perfect liberty to do so. I found that the horse was 7 years old, just in his prime. I asked the feller who was tryin' to sell the horse if there was anything the matter with him and he said that so far as he knew there wasn't a thing.

"Mebby the feller was lyin' and again mebbe he was tellin' the truth. Anyway, I concluded to take chances and bought that hoss for \$100. He ought to have been worth at least twice that money. I thought I had a bargain, but discovered afterward that I was mistaken. That hoss simply wasn't wuth a thing on earth.

"He would kick any buggy to pieces in three minutes. If you hitched him to a load he wouldn't pull a pound. If he was hitched to a vehicle he couldn't kick to pieces he would either balk or run away. He would bite you if he got a chance and watch for an opportunity to kick the daylight out of you. After I had had him a month I would have been glad to get rid of him for \$25 and would have been ashamed to look the man who bought him in the face ever after.

"That hoss was like some men I hev known—good to look at, but of no earthly account for anything that there is any use in. And the fault with that hoss was just the same as with these here fine lookin' fellers who are no account and never really do anything but raise h—l. The fault in both cases is partly in the breed but mostly in the raisin'.

"If the man who owned that hoss when it was a little colt had had good hoss sense he could have made a valuable animal out of the critter. If the fine lookin' feller who isn't of any earthly good in the world had been taken in hand right early by a boss who had good sense and good principles the chances are the good lookin' feller would be a valuable citizen at this writin' instead of bein' worse than just a common nuisance."

IT IS THE KANSAS SPIRIT

I am deeply appreciative of the confidence a large number of the Kansas people and the readers of the Mail and Breeze have shown in my intentions and in my ability to serve them as governor, as expressed by the returns from last Tuesday's primary.

While I did not become a candidate merely because I desired to be so honored and trusted by the people of my native state, I do highly prize and esteem that honor for its own sake; but still more, I think, for the chance it may give me to serve Kansas as I most earnestly wish to serve it—well and wisely—with the very best I have in me.

If any man owes the people of Kansas a debt of gratitude, I do. But over and beyond that is my pride in my own state. The Kansas people are my people, their interests are my interests and their aspirations my aspirations. I am proud of the state's splendid traditions and its increasing influence on national life and I am keenly desirous that the Kansas people shall continue to develop and manifest those high qualities which have made the state known from one end of the country to the other.

Here in Kansas, our great present need is to do away altogether with the procrastinating and wasteful methods of statecraft which, until the last few years, have been the slow growth of a bad system that is older than the state itself. A strong personal desire to help Kansas get rid of this burdensome incubus of the spoils system, finally and forever, led chiefly to my becoming a candidate. With the confidence and support of the Kansas people behind me I feel I can buckle down to such a task as this with all the energy and purpose that it is going to require of the man who accomplishes it.

It is the evidence of this support, shown by the primary returns, that gives me the greatest pleasure and encouragement. That the Kansas people have faith in my powers, purposes and intentions, is the big compliment, the biggest compliment one Kansan can pay to another. In such encouragement there is a fine tonic for the best there is in a man. It makes him feel like rising and going to his task, whatever it may be, and that is the way I feel about it.

To a great extent my election in November is literally and actually in the hands of my friends. In great measure it must depend on the personal support during the remainder of the campaign of every one who stood by me in the primary and the things I represent. From letters and messages I have received I believe many if not all of these friends will not only continue to give me their personal support, but will quietly work for me from now to election in their home neighborhoods.

Such support as this is beyond the reach of any slush fund and is vastly more effective. The candidate who enlists and deserves it must be one who absolutely stands right with the people. Therefore this fact is to me the most satisfying and the most gratifying thing I have met with in my campaign, and I am immensely proud of the kind of backing I am getting in all parts of Kansas.

Arthur Capper

BLOOD TELLS IN FEEDING

THERE was never a more favorable time to start in the purebred beef business than the present, as breeding stock may be had at less than beef values, notwithstanding last winter's experience has given many farmers "cold feet" because of the high price they had to pay for feed, or because of the high price at which they sold their feed. Likely as not, however, one big crop of rough feed will bring the price of it down below, or close to, the cost of production and then a blizzard will start on the feet of the timid stockman as he hot foots it for something to which he may feed an almost wasted crop, for without cattle to consume the rough portion of what his fields produce, there can be little profit in his farm operations.

Probably 80 per cent of our corn crop is used as feed and it will not take many good crops to put the price where no sensible man would care to raise and sell corn. You may depend upon it that the shortage in feeding cattle will be the factor in the price-making of corn products.

And in the matter of feeding blood tells.

The writer is a breeder of Polled Herefords. Having a few grade cows of various mixtures he castrates the inferior purebred bull calves, as well as all grade calves, and at times buys a bunch of calves of various breeding in the fall after weaning. After this all are run together and fed alike so that any difference in weight and quality must be due to the influence of sire and dams.

Recently one lot consisted of calves sired by a purebred Hereford bull and another lot sired by a nondescript scrub bull. The dams of the later lot were

Two Lots of Kansas Calves Which Fully Demonstrated This Fact

BY J. T. SMITH
Marion, Kansas

Written For Farmers Mail and Breeze

grade Shorthorn cows of about even weight and quality as the dams of the Hereford calves. These cows being a mixture of breeds. In November as past yearlings the weights and selling price of the two lots were as follows:

Grade scrub steers, 730 pounds, price \$31.02 each, \$4.25 per hundred.

Grade Hereford steers, 890 pounds, price \$44.50 each, \$5 per hundred.

Difference in favor of Hereford sire \$13.50 on each yearling.

But our farmer stock raisers balk at \$100 for a good yearling bull and pick up a scrub at 30 or 40 dollars and tickle themselves with the thought they have saved \$60 or \$70. Whereas had they taken the purebred calf and given him good care and feed he would have sold at 3 or 4 years for \$100 for beef. Besides this he would have returned 90 calves during the three seasons for his feed and care and have given an increased value of at least \$9 or \$10 a head on the 90 calves.

Still our farmers will not see the advantage in purebred cattle.

Marion, Kan.

Big Six Percheron States.

Mr. Editor—In the past the breeding of Percherons of the best possible type has been retarded because of the limited number of breeding animals.

An analysis of the registrations of American bred animals made between August 1, 1910, and May 1, 1912, has recently been completed by the Percheron Society of America. This covers most of the colts foaled in 1909, 1910, some over age animals, a few 1911 colts, and gives a very definite line on the distribution of Percheron mares, and the location and relative importance of various breeding districts. Illinois and Iowa contributed 50 per cent of the Percherons recorded. Ohio, Kansas, Nebraska and Indiana are the states next in line and together bred 22.8 per cent of the animals recorded in the time mentioned. Minnesota and Wisconsin follow closely, and Missouri takes an unexpectedly high rank, standing 9th. This is due to the rapid development of draft horse breeding in the north half of the state, where conditions are very similar to those prevailing in the big six, or the corn belt states. Within the leading states, the breeding is centered chiefly in 10 or 12 counties. Illinois is breeding Percherons in 80 out of the total of 102 counties; Iowa in 96 out of 99; Ohio in 70 out of 87; Kansas in 72 out of 105; Nebraska in 53 out of 92; Indiana in 67 out of 92.

American farmers are excelled by none in the world in intelligence and



Mr. Smith's purebred Polled Hereford bull King Edward 6th 311594, whose calves require no dehorning instrument.

skill in their livestock breeding operations and the work of so many progressive men cannot fail to bring a wonderful improvement in the breed within the next few years.

Wayne Dinsmore.

Secretary Percheron Society of America, Chicago, Ill.

HOW TO TRAP THE RUNOFF

A Northwestern Kansas Farmer's Way of Catching and Retaining Rainfall

BY F. J. RUNDELL
Almena, Kansas

Written For Farmers Mail and Breeze

In Norton county, in northwest Kansas, where rainfall is light, F. J. Rundell has achieved some remarkable results with "contour farming" which he explains to Mail and Breeze readers in this article. The object is to provide a series of deep furrows and high ridges which will catch and hold the water of dashing rainstorms until the soil has had time to absorb it. The results attained by Mr. Rundell have been such that his neighbors are taking up the idea.—Editor.

THE rainfall from the 100th meridian westward is too light to grow the most profitable crops by ordinary methods but thousands of farmers keep struggling from year to year, ever hoping that the next will be a good season. They strain all their resources to put in a tremendous acreage of crops by the cheapest and easiest methods in the hope of making a stake when the good year arrives.

Since we do not get as much rainfall as we need why not save and utilize all that does fall? I have made careful investigation and am sure that at least one third of our average annual rainfall of 22 inches runs off and not only does us no good but washes gullies through our fields, taking off our richest soil, then swells the streams and carries off our bridges and culverts.

Most of our rains here come with such force that under ordinary conditions a large part of the water will drain off the surface and only a portion remains in the soil. The only possible way to conserve all the water during an excessive fall of rain is to have the land topographically surveyed and laid out in plots of suitable size and shape, with "levees" between sufficiently high to hold 6 or more inches of rainfall.

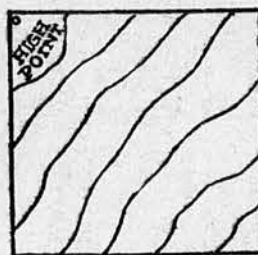
Not An Expensive Method.

My experiments along this line the last two years, crude as they were, have given remarkable results. The labor and expense of such an undertaking are considerable but it is well worth while. To begin this work the average farmer will not need a surveyor. He will need a good farm level and small land grader to grade the plots and make the levees. Some of the benefits of this system could be obtained without much expense

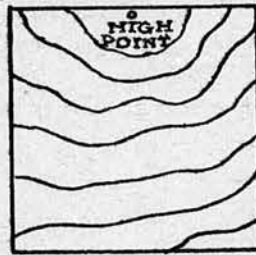
by the use of a lister. The diagram shows three fields of different topography. Field A has a general slope to the southeast. Field B is rolling with a slope from north to south. Field C has the highest point in the middle. All ditches and gullies are supposed to be graded level. Set the level at the highest point and run contour lines at a vertical distance of 4 or 5 feet. Begin at the first contour line and list up to the highest point. Then

feet deep, this being deeper than the moisture on early and deep plowing. I cannot say what the result in the crop will be until harvest time, but have great hopes. For best results the listing should be wide and deep and the furrows should not be filled up entirely in working the corn, if it can be avoided.

Our 22 inches of rainfall in this country are not sufficient for some crops, even if all were saved. Alfalfa thrives best with twice that amount of water.



A



B



C

Mr. Rundell's system of contour farming to retain rains. Diagram shows contour lines on different fields. The object is to provide a series of deep furrows and high ridges which will catch and hold the water of dashing rainstorms until the soil has had time to absorb it.

list on the other side about half way up to the next line; then begin at the next line and finish the land; then list half way up to the next line, and so on. Our chief crops being Kafir, corn, milo and cane, all of them could be put in this way with the lister.

Trying It on a Wheat Field.

Last summer I surveyed a field for a neighbor and he listed it as I have described soon after harvest. Several heavy rains were caught and after cultivating and dragging it down he sowed wheat. At that time the ground was wet 2 or 3

But by the system of contour farming a 10-acre plot could be graded and provided with levees so as to get the drainage from 30 or 40 acres of higher ground. The same system might be applied to other crops, or to orchards and shade or forest trees.

Almena, Kan.

Much Lost in Unprolific Stock.

Mr. Editor—The brood sow that raises five good pigs is doing better than the average, but she is by no means a good sow to keep. The sow that raises seven or eight pigs is doing better. But the one

which raises nine or 10 is the kind that runs your profits up. The average number of pigs produced per litter is a little less than four. What a difference in the feed and care required to keep a sow that raises 10 pigs and three sows that raise 12. Stop and figure a little. Ten or 12 good sows would raise you 100 pigs while it would take 25 ordinary sows to do the same work. Better have a few prolific sows than a herd of boarders. One lot will make money for you while the other will lose it. Better not have any if they are going to lose you money.

Many a cow that always raises a scrub calf is kept in the herd. Neither she nor her offspring do the owner any good. In these days we cannot afford to lose money boarding a cow and wait on her for exercise. Better sell both the calf and cow for meat. Find out if the scrub milker is paying for her feed and care, and if not cash her in together with her calves.

There are many mares kept on farms and allowed to raise colts which at 3 years old will not sell for enough to pay for the feed they have eaten, to say nothing of the care and attention they have required. Such a mare is doing her best to break her owner up and if he had enough of them they would do it.

James Wiltse.

Wetmore, Kan.

A Western Kansas Sheep Story.

There are hundreds, and maybe thousands of Kansas farmers who deserve special mention for what they have accomplished with little more than a pair of willing hands for a start. You will find them in every township, but now and then our attention is called to some outstanding record of progress. One such is the case of John A. Thresher of Jetmore, Kan. In 1885 he left the family home in Shawnee county and settled on a tree claim as well as a homestead in Hodgeman county. He made a beginning there with a team of horses and 50 sheep. To his original half section he has since added another full section of land making him a landholder of 960 acres. He has made most of his money at sheep raising and his flock ranges from 1,000 to 2,000 a year. "Coyote proof" woven wire fencing encloses 640 acres of the Thresher farm. Some time we hope to show a picture of it.

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timate knowledge of your transportation problems. We know your wants and have built the car that will meet them best.

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JAYHAWKER FARM DOIN'S

BY H. C. HATCH, GRIDLEY, KANSAS.

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

Except for the merest shower the neighborhood in which this farm is located has been without rain for 27 days. This is plenty long enough for the corn to go without rain in July but it still is holding up well and has a good color.

Good rains have fallen near enough so that they could be seen and to the man in the dry streak it looked as if all the showers tried to avoid him. It seemed to rain everywhere else but on him. But that is the way it always looks when showers fall in a dry time.

One of the hay men near by is trying out a gasoline tractor as a hay hauler. We have not yet learned how it works except that it brought in 4 tons the first load. Should it prove to be the thing a wagon built to hold about 5 tons of baled hay will be built for it so that two wagons will not have to be trailed in order to hold all the tractor can pull.

Could horses work right along in hot as in cool weather there would not be so much call for tractors but as it is horses cannot do very heavy work in the middle of summer and make any headway at it. It is for this reason that our friend has bought this tractor; the weather most of the time is so hot that it is hard on horses to do heavy hauling and make any time on the road.

We have been putting in time on the road for the last four days, having laid aside the haying for that length of time in order to get a 2-mile strip of road graded. Practically the whole 2 miles was prairie sod and it was just as dry as it could possibly get. The grader was pulled by a steam traction engine, else the work could not have been done at all. We had tried for a long time to get this road fixed and finally the township board said that if the neighbors would run the engine and grader the township would furnish the machinery and coal.

It does not seem as though it was hardly fair to ask a man to donate road work after he has paid a good big bill of road taxes and his poll tax in cash, besides, but it is the only way to get the work done. There are so many calls for money that the road fund would not suffice for one-fourth of the calls that are made on it. There would be too much of a kick if the levy was increased so the only thing to do is to get the work done in part by donations.

When the "footing" is good an engine is the best thing to pull a road grader. Double the cut can be made with them compared with horses and the grader may be moved along so slowly that good work can be done. After the cut is made the dirt may be moved along towards the center at a good fast walk and there is no stopping to let the teams cool off. On the other hand, if the going is slippery the engine is better off out of it.

In answer to our call for chigger remedies a friend sends in what he says is a sure thing for them. It is called Life Buoy soap and he says they discovered its chigger-abating properties by accident. This is a sort of carbolized soap and the next time we go to town we are going to see if we can find it. This is not an advertisement for this soap but it is given in the hope it may prove to be all our friend has found it—a remedy for chiggers.

Our paragraph regarding the Duchess apples, which a neighbor has, brought us many letters of inquiry although we distinctly stated that they would not bear shipment. We wish again to say that they will not stand shipment in common cars at this time of the year and to our western friends we further wish to say that it would not pay to ship them by local freight even if they would bear shipment, as the rates are so high. We have shipped apples several times by

local freight and have found that the amount charged would have bought as many apples at the other end.

One western Kansas inquirer suggested that a good thing could be made by anyone having a large quantity of early apples if they would either dry or can them. It is likely that money could be realized if one was fixed to handle apples in this way on a large scale but no farmer could make anything at it. It takes 7 pounds of green apples to make 1 of dried apples and so 1 bushel of apples would not make more than 7 pounds of dried apples. At the best prices that could be obtained this would not bring in more than 55 cents a bushel. No farmer can raise, pick, sort and dry apples for 55 cents a bushel. It does seem hard to see apples go to waste in eastern Kansas when so many in the west would be very glad to pay well for them but as things are run at present we know of no way in which the matter can be bettered.

The flax still stands in the field uncut although it is so dry it does not seem to ripen; perhaps it is because it is so dry that it does not ripen quicker. A good shower will do more toward ripening up small grain than anything else although one would naturally think that moisture would make it hold on longer. Flax is a fair crop this year but the price is going down and if farmers do as they say little flax will be sown another year. Flax used to be a great "money crop" down in this section a few years ago as it could be turned into cash in a little more than 90 days from the time of sowing but now farmers are more concerned in raising some feed crop than they are in producing grain to sell. This has been brought about by the high price of livestock and it is a good thing for the country.

Oats are threshing out a very good crop, especially so when we consider how late they were sown. Most of the neighboring farmers are reporting about 40 bushels per acre, and this for upland too. When we see how near the ragged edge corn is we wish we had had a little more faith last spring and sown some oats. It was so late that we were sure oats could not make anything of a crop but it seems we were fooled. It was a bad guess on our part, as bad as that of a neighbor some time ago. She did her washing on Friday so that she could do the ironing on Saturday and then have all day Sunday to rest. The day of rest came, it brought company, and she had 23 extra that day for whom to get dinner and some stayed for supper. Our calculations don't always work out as we expect.

We have just built a new hayrack and used 2 by 6 pieces for cross timbers instead of 4 by 4, which were on the old rack. We have found that the ordinary undersized timber that passes for 2 by 4 is not strong enough for crosspieces and we have also found that the ordinary hard pine 4 by 4 rots just a little quicker than anything else in the way of lumber. So this time we used 2 by 6 and while it makes the rack just a little high the difference is not enough to be noticed when low wheels are used. The bed pieces are of 2 by 8 and the rack is floored solid. It is much better to have a solid floor when using the horse fork or when handling fodder. Instead of boring through bed piece and cross ties and using bolts, we got clamps and like them better as the timbers are not weakened by having holes bored through them. The lumber is sawed so thin these days that there is not much left of a 2 by 4 after a 1/2-inch hole has been bored through it.

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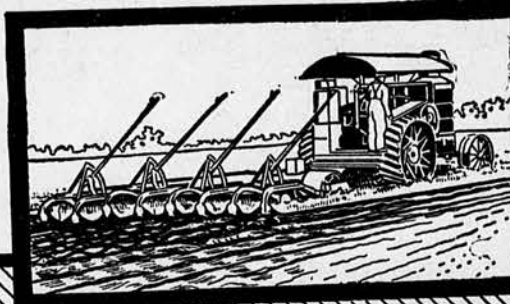
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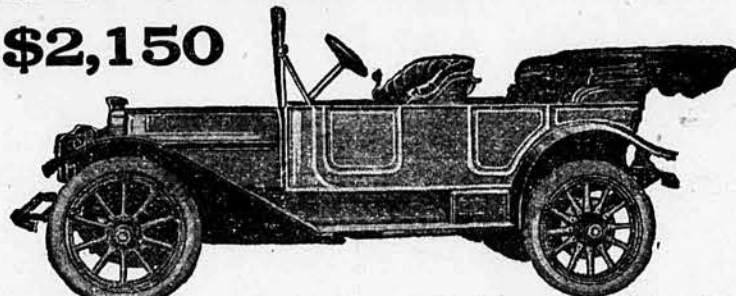
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Ten Eyck's Replies

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.

Will Third Crop Alfalfa Make Seed?

What is your experience in this part of the state in getting a seed crop from third cutting of alfalfa? I have a field which has been cut twice this season, and is just now beginning to bloom for the third crop. There has been very little rain since last cutting. The land is second bottom, pretty good soil and we generally get five cuttings per year. It has not made a big growth this time on account of dry weather.—J. F. C., R. 8, Topeka, Kan.

With favorable weather this third cutting will make a good seed crop. It has plenty of time to mature before frost. If it is blooming freely and the blossoms are fairly dark in color, I would risk leaving it for seed. I am mailing Bulletin No. 134 giving information regarding "Saving Alfalfa for Seed." A. M. TenEyck.

Difficult to Reseed Old Alfalfa.

I have a patch of alfalfa a half stand or better, and a few spots that have no alfalfa. Could I cultivate those small patches and disk this fall or next spring and help it out?—W. M. M., Mahaska, Kan.

The disking will not thicken the stand of alfalfa, but may cause the plants already started to grow more vigorously. It would be possible to cultivate the bare spots this summer and succeed early next spring. Also there is a chance that you may thicken up the stand on the whole field by disking this season and reseeding early next spring.

With very favorable conditions for growth next season, the new plants may survive. It is my experience, however, that reseeding in a half stand of old alfalfa seldom proves successful. If the young plants start, they are likely to be destroyed before the end of the summer by a period of drouth, the old plants causing the drying of the soil and also tending to smother the young growth. Usually, it is better to plow

FAMILY RUNT

Kansas Man Says Coffee Made Him That.

"Coffee has been used in our family of eleven—father, mother, five sons and four daughters—for thirty years: I am the eldest of the boys and have always been considered the runt of the family and a coffee toper.

"I continued to drink it for years until I grew to be a man, and then I found I had stomach trouble, nervous headaches, poor circulation, was unable to do a full day's work, took medicine for this, that, and the other thing, without the least benefit. In fact I only weighed 116 when I was 28.

"Then I changed from coffee to Postum being the first one in our family to do so. I noticed, as did the rest of the family, that I was surely gaining strength and flesh. Shortly after I was visiting my cousin who said: 'You look so much better—you're getting fat.'

"At breakfast his wife passed me a cup of coffee, as she knew I was always such a coffee drinker, but I said, 'No, thank you.'

"'What?' said my cousin, 'you quit coffee? What do you drink?'

"'Postum,' I said, 'or water, and I am well.' They did not know what Postum was, but my cousin had stomach trouble and could not sleep at night from drinking coffee three times a day. He was glad to learn about Postum but said he never knew coffee hurt anyone." (Tea is just as injurious as coffee because it contains caffeine, the same drug found in coffee.)

"After understanding my condition and how I got well he knew what to do for himself. He discovered that coffee was the cause of his trouble as he never used tobacco or anything else of the kind. You should see the change in him now. We both believe that if persons who suffer from coffee drinking would stop and use Postum they could build back to health and happiness." 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.

up the thin stand and reseed after putting the soil in good seedbed condition. A. M. TenEyck.

Roll or Harrow Seeded Alfalfa?

I should like to know, in seeding alfalfa if it is better to roll or harrow the ground after seeding. And which would be the better after seeding Sweet clover?—R. T. S., Emporia, Kan.

Better not do either, if alfalfa is seeded with a drill. Put the seedbed in a well pulverized but well settled condition before seeding, and preferably use a press drill, thus firming the soil over the seed.

If alfalfa or Sweet clover is sown broadcast in a well prepared seedbed, a light harrowing after seeding to cover the seed is usually sufficient. In light mellow soil it may be advisable to roll after seeding in order to press the mellow soil more firmly about the seed. The danger in rolling is that the rolled land may be packed very hard by heavy rain and then bake and crust. Again the smooth surface favors soil drifting in light soils. A. M. TenEyck.

What to Do for Wheat Sick Land.

I am looking for some information on the use of fertilizer sown with fall wheat in central and western Kansas, on ground which has been cropped to wheat for several years. There seems to be a lack of plant food. Please answer through Mail and Breeze.—R. C. Y., Inman, Kan.

What your ground needs is rotation of crops and the plowing under of green crops for manure. There will be no advantage in using commercial fertilizers on this land which has grown wheat continuously until the soil has become "wheat sick."

This soil is probably not deficient in fertility. Deep plowing and a season of thorough cultivation while planted with corn or some other intertilled crop will in part restore its productiveness for growing wheat. I am mailing you the Experiment station bulletin on commercial fertilizers. Also pamphlet on soil management. These will give you information on this subject. A. M. TenEyck.

Sweet Clover on Loose Sandy Soil.

I have about 2 acres of very sandy soil on one of my farms, on which I find it hard to grow any crop, because of the ground blowing so when worked. Last year we did not use it at all. On this field we find a weed that looks very much like the giant clover that is found in our alfalfa fields, except that this plant is eaten eagerly by the horses. At present it has no flower, though the plants are about 2 feet high. The roots are long, and strong and the leaves when bruised smell like new hay. Is this what I read of as Sweet clover? If so, could I grow it on this sandy soil and get a crop of hay from it? And where could I get seed? I am sending you a small piece of the weed.—Mrs. A. E. B., Cunningham, Kan.

Your description of the plant reads as if it might be Sweet clover, but the sample which you sent is Japan clover. Sweet clover will succeed all right on the soil which you describe, so will Japan clover, except that it may winter-kill in hard winters. I am mailing circular letter on Sweet clover and Bulletin No. 175 on grasses, which includes information on both Japan clover and Sweet clover. A. M. TenEyck.

Preparing to Sow Alfalfa This Fall.

I have two pieces of ground I should like to seed to alfalfa this fall. One is a piece of good creek bottom land; the other is an old orchard, but thin land. Would it be advisable to sow cowpeas on this land? If so, what variety?—F. G. S., R. 3, Winchester, Kan.

It would be a good plan to sow cowpeas this spring on the thin land. The cowpeas will make a good crop with which to precede alfalfa on the bottom land. Sow an early maturing variety of cowpeas, such as the New Era, and harvest the crop for hay, preparing the seedbed by disking and harrowing after the peas are removed, instead of by plowing.

The seedbed for common peas should be plowed rather deep, 6 or 8 inches, and given thorough cultivation with the disk and harrow to pulverize and settle the seedbed. It would have been advisable to have plowed early in the spring, then the ground could have been cultivated several times and the weeds destroyed and the soil put in good condition for a seedbed.

Cowpeas may be sowed in rows and cultivated or in close drills and given no cultivation after planting. The first method requires about 1/4 to 1-3 of a bushel of seed per acre, while the close drilling method requires nearly a bushel of seed per acre. I am mailing Bulletin No. 160 giving further information on the culture of cowpeas. A. M. TenEyck.



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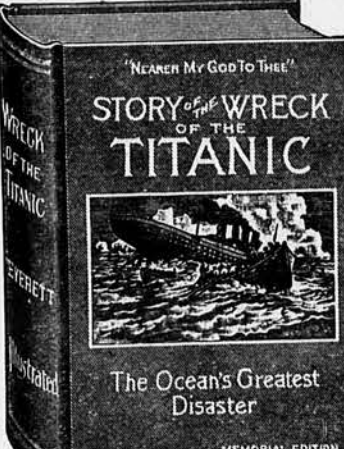


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VETERINARY ADVICE

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

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

Bloody Wart.

I have a 2-year-old horse colt in fine condition that has a bloody wart on his sheath. What would you do for this?—C. W. A., Farmington, Kan.

The quickest way to remove the wart from the colt's sheath would be to cut it off and then apply a little caustic such as carbolic acid. Sometimes warts are removed by touching them with a little nitric acid. Care must be used, however, so that the surrounding parts do not become burnt with the acid.

Dip for Skin Disease.

I would like to know what all my pigs and what to do for them. Three have sore ears, the skin cracking over the upper side. They seem to itch considerably as they will sometimes lie down and rub their ears in the earth. One pig is sore all over his back. The pigs are 10 weeks old and run in alfalfa. I also feed skim milk and some corn. They are in fair flesh.—W. M. S., Medford, Okla.

I would suggest that you dip the pigs to overcome the unhealthy condition of the skin. If you have only a few you could apply Beaumont oil by spraying, but if you have a number it would be easier to run them through a dipping tank. Give a little Epsom salts in the slop for a few days and also stop feeding corn until they get a little older.

Deformed Tongue.

I have a mule colt, just born, that has its tongue hanging out of its mouth to one side. It has control of the tongue but keeps it out in this way. What can I do for it?—L. R. M., Goodland, Kan.

I would suggest that you call a veterinarian to see your colt. It may be necessary to make an incision on its tongue at the side so that it would be kept straight. If that would not overcome the condition I do not know that anything else would help much. Very probably it will improve in time, if left alone.

Treatment for Mange.

I would like to know what to do for mange in hogs. Both our old and young hogs have it and their hair is coming off and skin cracks open. We feed them well but they do not grow. They have no lice.—G. S., Ft. Cobb, Okla.

Mange is best treated by dipping with any of the commercial dips, used according to directions. If you have only a few hogs and do not want to dip them, spray the mixture on, or you can saturate some burlap with the material and wind it around a post so that the pigs will rub against the post and treat themselves. The two latter methods are of course not as good as dipping as in that case the entire body is covered.

Bloody Milk.

I have a 3-year-old heifer, in milk about six months, that began giving bloody milk about a month ago. First in one teat then another. Sometimes after being milked we can feel a hard core in one teat which may soon disappear but reappears in another. After setting a while a pink scum forms on the milk. Her hair looks dead and when she stands she arches her back.—W. H. C., Cedarvale, Kan.

From your description the case may be one of bloody milk or contamination with the bacteria which turn milk red after standing some time. You state that a pink scum forms on the milk after standing. This is usually due to contamination with the bacillus prodigiosus. If that should be the case, it

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is a very serious proposition to overcome. Possibly it is only a case of blood and due to contamination. It is quite difficult sometimes to overcome this bloody milk, as there seems to be a weakness in the blood vessels. Sometimes the blood is the result of an injury and in that case it frequently disappears when the injury has healed. I would suggest that you bathe the udder well with cold water and give 1 dram of tincture of iron twice daily in the feed. If this scum continues to form, you ought to get your local veterinarian to make a thorough examination of conditions.

Calving Injury—Shoulder Lump.

(1) I have a 4-year-old heifer that brought her first calf last fall. She seems healthy otherwise but at times shows a spraddling gait in her hind legs when she walks. What causes this?

(2) What will take a hard lump off a horse's shoulder, caused by a bruise from a collar?—R. F. L., Furley, Kan.

(1) It is possible that your cow injured herself when calving. Some times we meet with this condition where the calf is quite large and the animal had to be assisted. It might help some to apply a liniment to the back.

(2) The quickest and the most satisfactory way to remove the lump from the horse's shoulder would be by a surgical operation. Sometimes painting with iodine will help but it is not to be relied upon.

Abscess in Throat.

Two weeks ago we noticed that our old family mare did not swallow her food although chewing it as before. A few days later a swelling formed on her face, and her throat also became swollen. Her appetite remained fairly good until a week before she died but she could swallow very little. After death we cut her open and found a mass of corruption in her throat. What was this?—M. M. B., Garden City, Kan.

The cause of your mare's death is probably due to an abscess in the throat preventing the animal from eating and drinking. Abscesses sometimes form in the guttural pouches and I have known of cases where foreign bodies such as a piece of wire have become lodged in the throat and have set up an ulceration and caused the death of the animal. Something similar to this may have been the trouble with your animal.

Stringy Milk.

I have a cow about 7 or 8 years old that gives stringy milk out of one teat. Her bag is considerably swollen at times and seems to be very sensitive. Sores are also forming on her teats. She has been this way for about three weeks. Have greased her udder with lard which helps but fails to cure. The cow stays thin although on good pasture. What is your advice?—W. P. L., Atchison, Kan.

Stringy milk is frequently caused by catarrh of the udder or garget. Give the cow 4 tablespoonfuls of Epsom salts daily in the feed and rub the udder with camphorated oil. Keep the affected part well milked out and do not use any milk tubes unless they are thoroughly sterilized before using. The little sores on the teat could be painted with a diluted tincture of iodine.

Treatment for Cowpox.

My cows have boils on their udders and teats although they seem to be in good health in every other way. Little lumps form, come to a head and then a sticky substance oozes from them. Then they heal up but in a little while others appear. At night we keep the cows in a yard adjoining the horse barn. Can it be the manure that is poisoning them?—T. M. G., Hunnewell, Kan.

It looks a little as though this might be what is called cowpox or it might be the manure that is causing the trouble. Would suggest that you give the animal a heaping teaspoonful of powdered nitrate of potash once a day either in the feed or water but be sure that she gets it all and wash the udder and the sores thoroughly before each milking, with a solution made by mixing ½ ounce of zinc sulphate with 2 quarts of salt water. If this should seem a little strong, would add more water.

Leaky Teat.

I have a cow that crawled through the wire and cut her teat puncturing her milk duct from which the milk leaks freely. The wound is healing nicely and am keeping an adhesive bandage around the teat over the wound. The bandage keeps the teat from leaking but when it slips off or gets wet the leaking starts again. What can be done to make this heal up and close the puncture?—C. M., Rush Springs, Okla.

Fistula of the teat is rather tedious to treat. If it is near the end sometimes good results are obtained by applying a local anaesthetic and cutting off the end of the teat. Scarifying the edges of the opening so as to make a fresh raw surface and then bringing the edges together and painting over the

opening with collodion sometimes produces good results. It is not advisable to pass tubes unless they are thoroughly sterile. I would suggest however that if you have a good veterinarian in your neighborhood you have him treat the case.

Navicular Disease.

Have an 8-year-old mare weighing about 1,100 pounds that seems to be lame in the shoulders. She has had good care and has not been worked for over two years. She lies down most of the time and her shoulders seem to be shrinking. In starting out she can hardly move at all. She stands first on one foot and then another, seeming to be in great pain. Shoeing has done no good.—E. P., Macksville, Kan.

I think your mare is troubled with navicular disease and not from shoulder lameness. When we have lameness in the coffin joint we frequently have wasting of the shoulders due to lack of use of the muscles and also the animal stands with the feet well extended making it appear that the chest and shoulder muscles are shrunken more than they really are. I would suggest that you apply the following blister to the top of the hoof once daily until it is blistered:

Bismuth of mercury 1 part.

Vaseline 3 parts.

When it is blistered, wash thoroughly and apply a little vaseline. This treatment may be repeated every month for two or three times. Soaking the feet or turning the animal into a wet pasture will probably help some.

Probably Founder.

I have a 5-year-old horse that I think was affected in the kidneys in the spring of 1911 by being ridden too hard. He did poorly all summer but improved in winter but after a hard drive this spring he seemed to have the old trouble all over again. He runs in the pasture and eats fairly well but hasn't much life. He walks slowly and carefully. Whatever the trouble is, the acute stage is past but there is still a chronic weakness. Have fed him cod liver oil. What is your advice?—W. H. L., Kan.

From your description of your horse, I am more inclined to think that the animal has chronic founder rather than kidney trouble. Possible he may be suffering from rheumatism. I would suggest that you examine the feet thoroughly to see whether they are in a healthy condition or not. You may try the following which may possible help some:

Tincture of nux vomica 1 ounce.

Tincture of Colchicum 3 ounces.

Give 2 teaspoonful mornings and nights, in the feed or in a little water. Also apply a blister to the front feet as given in the reply to E. P., Macksville, Kan.

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Dairy Farming

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

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

A bad month for cow keeping, is August.

Milk from a fresh cow is good for the table after the ninth milking.

A good cow is hard to buy nowadays. The only alternative is to raise her.

Never has Kansas known such a silage harvest as the one soon to start.

Sometimes a dose of Glauber's salts will cure a case of bloody milk. Depends on the cause.

Cows fed well before turning them on a heavy forage crop will not be in danger of bloating.

For a cow that refuses to let down her milk, a feed of something while milking is often helpful.

Skimmilk fed to shoats with grain is worth about 40 cents per 100 pounds at present prices of hogs.

Four ounces of paregoric in two doses, given not over 24 hours apart, has been recommended as a cure for scours in cows.

The day has forever passed when the progressive dairyman allows his cows to be brought, running or excited into the barn, by a dog or a boy with a whip.

Where a Creamery Would Pay.

Any farming community with good railroad connections, and 400 cows to be found within a radius of 5 miles, is in a position to consider the establishment of a creamery, is the opinion of O. E. Reed, head of the dairy department at Kansas Agricultural college. This of course presupposes that all the cream produced by these 400 cows will be sold to the creamery. A creamery for that number of cows need not cost more than \$3,000. Where not more than 200 or 300 cows can be secured it is not wise to build on the hope that farmers will add enough cows to bring up the number. Usually, in these instances, a farmer will wait to see if the new enterprise is going to be a success before investing money in cows.

What a Good Cow Can Do.

Probably we cannot have it dinned into us too often that breeding counts big in getting dividends from livestock even though we fully believe it does. College Maude, an 8-year-old Ayrshire cow, has recently given a good demonstration at Kansas Agricultural college of the superiority of the purebred. The cover of this number of Farmers Mail and Breeze gives a good idea of her appearance.

Maude's record, finished a day or two ago, is not phenomenal; many cows have done much better, but Maude has done this: She has produced nearly six times as much butter as the average Kansas cow produces and has cost the college not more than \$20 more than it costs to keep the average Kansas cow.

In one year she has produced 13,715 pounds of milk from which was made 627 pounds of butter. The skimmed milk was fed to the calves. Maude's daily ration was made up of alfalfa hay, corn silage, corn chop, bran and oil meal. She has been milked and otherwise cared for entirely by the students in the dairy department directed by Prof. O. E. Reed.

The Cow's Place in the World. [Prize Letter.]

Mr. Editor—It is not hard to find men even in the most prosperous dairy communities who do not believe that dairying pays. They probably have tried it and failed. Some purchased good stock, but poor management, or false economy in housing or feeding, pre-

vented their getting the results they expected. But most failures are due to the use of animals not adapted to dairying. A good dairy cow should produce enough butter fat in her best days so that her value as beef may never be thought of. When we buy a machine it is service we want, not the value it has as old iron.

If one-half your herd is paying the board of the other half sell off the poor half and save the feed, labor, stabling, etc. We can't all have Dolly Dimples, for some of us would make a failure with her, as her mechanism might be too fine for our way of handling cows. When 5 years old Dolly produced 18,808½ pounds of milk and 876.34 pounds of butter fat in one year. The average Kansas cow produces from 100 to 150 pounds of butter fat in one year. Some people are afraid the dairy business will be overdone, but in the United States the human population has been increasing faster than the cow population. In 1870 there was one cow for every 3.8 human individuals, while in 1910 there was one cow to every 5.1.

Our improved breed of dairy cattle is one of nature's most valuable resources. The good cow not only converts the earth's vegetation into untold wealth, but makes the soil more productive by returning to it a greater fertilizing power than it originally possessed. Milk is the only perfect food and the greatest deprivation the human race could suffer would be the loss of the dairy cow.

I am at present furnishing milk to the city of Sterling and I find one of the essentials of marketing any farm product is to have good quality, then build up a demand for it. Reach the consumer as directly as possible, for in that way you not only get better prices, but a better quality of product can be furnished.

W. H. Sankey.
R. 1, Sterling, Kan.

Liked It From the Start.

Mr. Editor—I have only taken Farmers Mail and Breeze a short time but am very well pleased with it.
Earlsboro, Okla. L. J. Devore.

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

We are absolutely responsible and our interests are worth millions of dollars, as you can ascertain through any channel to which you may seek to apply. In transporting the timbers from the forests to Kentwood mills it was necessary for us to build 50 miles of railroad. Twenty-seven miles of the Kentwood & Eastern is standard gauge railroad and operates passenger and freight trains twice a day in each direction, and it is our purpose to increase the value of the railroad by actual colonists as much as to sell the land that we are making this extraordinary offer.

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



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

Read What People Who Have Been on Our Land Say:

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

Carmi, Ill., 7-3-12.
I came to Kentwood to investigate your land and I must say that in all my life I never saw so much land together with no waste land. I did not see five acres that could not be plowed. From what I have seen of the climate it is ideal and the water is fine. Saw some real good corn and other crops. I find everything as represented in your literature and I think this is a good country for a man to make his home. **GEO. W. FINCH.**
Chicago, Ill., 6-25-12.
I am a booster for the South and think it a great country. The crops look fine and much farther advanced than the crops of the North. The corn up in Illinois when I left was only about 6 inches high, while there it is from waist to head high. The water is fine. The vegetable crops I have seen are fine and I think I can make good money down there and am perfectly satisfied to come. I have been from coast to coast and I think the South here is better than any place. I like the climate. **BERNARD PETERSON,**
2111 N. Albany Ave.
Florence, Neb., 6-21-12.
I have been all over the United States, from Boston, Mass., to San Francisco, Calif., and have never seen anything to compare with this section, and I think

it is considerably better than you claim in your literature.

I would advise any man, no matter where he is, whether in the North or the South, to make this section of Louisiana his home. I am satisfied he can make it if he works half as hard as he does wherever he may be in the North. It is my intention to make it my future home, as I find the water absolutely pure and no malaria or swamps. **O. W. BOSTON,** 510 Jefferson St.
Newport, Ky., 6-19-12.
I think I have a good idea of what ground is, but I never saw such a bunch of potatoes dug out of the ground as I saw there; and the best oats I ever saw. I think that is the place to go. I wish I had found out that place years ago. I would not have to be working or worrying. I cannot tell all I want to say in writing, but if you were to call and see me I will be glad to tell you all about it. **W. J. HILL,**
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QUESTION CORNER

Questions bearing on farming or stock raising answered in this and other columns of Farmers Mail and Breeze. Sign full name, not necessarily for publication. We are sometimes able to give the questioner additional information privately, or a more immediate reply by mail, if stamp is enclosed. Address Editor Farmers Mail and Breeze, Topeka, Kan.

Making Stumps Stay Dead.

I have a field on which there are several black locusts. How can I get rid of them so the stumps will not sprout?—L. M., Alva, Okla.

If these trees are cut down in August not many sprouts will spring from the stump as the trees are low in vitality at that season. Another way would be to girdle the trees in August which would kill them, then grub them up when dead.

Killing Johnson Grass.

I have bought a place which has patches of Johnson grass on it. What is a good way of getting rid of it?—J. W. P., Gage, Okla.

A good way is to plow the infested fields about 4 inches deep during August turning the roots up to the hot sun. Keep the ground well harrowed and when in good condition sow a catch crop such as winter oats, rye, etc., that will cover the ground and keep the roots from getting a start during the fall. Pasture these crops and in the spring plow again and plant some row crop that requires frequent cultivation. Good results also are obtained in letting the cover crops mature and drilling in a heavy catch crop such as cowpeas. By these methods very few of the grass sprouts ever get above the surface, being smothered or cultivated out. This treatment soon kills the roots.

What Is the Short Ballot?

Will you please tell me what is meant by the "short ballot"?—Mrs. F. C., Elmdale, Kan.

Among the reforms in our political system that are being advocated today is the short ballot. But it will probably take time and a long educational campaign to make the short ballot idea popular. The purpose is to lessen the number of elective offices by making more of them appointive. In other words, to shorten the ballot at election time. The commission form of government in cities illustrates the working out of this idea. The chief advantages claimed for the short ballot are that it would be a blow to "bossism" and "ring politics," that it would reduce graft and boodling in office, and would simplify our governmental machinery from top to bottom. These claims are based on the theory that to make a public employee responsible directly to a board, commission, or some executive chosen by the whole people to oversee his work would be a stronger incentive to make him tend to business and render good service for his wages.

Voters think they are electing the officials whose names appear on the ballot, but they are too often merely ratifying the "slate" of some boss or ring fixed up beforehand for some private interest. This is the condition the short ballot system seeks to break up. If any of our readers wish further information on this subject they should write (enclosing a stamp) to Richard S. Childs, 383 Fourth avenue, New York City, secretary of the National Short Ballot organization. Woodrow Wilson is president of this organization and William Allen White of Kansas one of the vice presidents.

Treatment for Corn Root Louse.

Last August when corn began tasseling here there were stalks that turned white on top just as if they had been frosted. On examination I found the part that was white tassel full of very small green bugs. This spring some corn in the same field turned yellow and down about the roots there were the same kind of bugs. Wherever you find the bugs there are also large numbers of red ants. Are the ants or bugs injuring this corn?—H. F. W., Willis, Kan.

The insects that you describe in the tassels of the corn last year are specimens of the corn leaf louse which only rarely is sufficiently abundant to do serious harm. It is likely that the whitening of tassels which you describe was mainly due to dry weather. The lice you describe as finding this spring are corn root lice and the ants in all probability are their attendants. The

ants do not themselves directly injure the corn, but breaking up their nests in the late fall has been known to materially reduce the infestation the following year. If the land is to be planted to corn the following spring no weeds should be allowed to grow before corn planting, for some, especially smartweeds, may serve the root louse for food until the corn is started.

In a neighborhood where corn root louse injury is known to be present, corn should not be allowed to grow upon the same land more than two years in succession. Wheat, oats or clover may well follow the infested corn.

Recent work by S. A. Forbes in Illinois has shown that 3 ounces of a 10 per cent solution of oil of lemon in alcohol, thoroughly mixed with 1 gallon of seed corn just before planting will greatly reduce the damage from root lice.

Dr. T. J. Headlee.
Entomologist Kansas Station.

Cowpeas in Corn for Sheep.

Would it be advisable to plant cowpeas in corn for sheep?—G. B., Ottawa county, Oklahoma.

To plant cowpeas in corn will furnish valuable forage for the sheep during the latter part of the summer. In fact it will not damage your corn field in the least to turn in a flock of sheep after the crop has been laid by. They will eat only the lower leaves and the weeds or crabgrass and cowpeas or whatever happens to come up as an undergrowth. You will need to be careful to get the variety of cowpeas that grows well in the shade and is of a twining nature. These you will find will grow up the stalks of corn and produce a rank growth, while on the other hand varieties that are of a dwarf type and not inclined to twine would be rather disappointing under these conditions since they do not grow very well in the shade of the corn.

J. A. Wilson, Director.
Oklahoma Experiment station, Stillwater.

Establishing a Fish Pond.

(1) I have a good spring above a suitable place to make a fish pond and would like to know how large to make the pond. How deep should it be to keep fish through the winter?

(2) What kind of fish would you advise getting and what and how are they fed?

(3) Is it best to have something like rock or gravel in the bottom of the pond and is there any special way of finishing up a pond that would make it better for raising fish?

—J. M. L., Pattonsburg, Mo.

(1) I advise building fish ponds of 1/4 to perhaps 2 acres in size. Two or more small ponds are more easily managed than one large pond for fish culture purposes. The depth of a pond should vary from a few inches to 5 or 6 feet. There should be shallow water in which to feed the fish and for spawning purposes, and deep water for resting places both in hot and cold weather.

(2) The kind of fish best adapted for ponds are crappie, bluegills, sunfish, and bullhead catfish. All of these fish are raised in the fish hatchery at Pratt, Kan. The food for fish in ponds depends on the kind of fish. Catfish will eat almost any kind of meat when it is ground up. They will also eat corn chop, bread, and almost any kind of table scraps if ground up. Bluegills and sunfish will eat a little corn chop, ground meat, and all kinds of insects.

(3) It is not necessary to have a special material on the bottom of ponds on which fish may deposit their eggs. The fish will clean away the mud by fanning with their fins and will pull the grass with their mouths until a place is cleared on the hard, smooth ground where their eggs can be deposited. Where weeds and grass are growing in the water the roots and stems are usually used to line the bottom of the bed where the eggs are deposited.

Bulletins No. 1 and 2 from the game and fish department at Pratt, Kan., will give further information concerning the building of fish ponds and the kinds of fish it is possible to raise in them.

L. L. Dyche,
State Fish and Game Warden.
Pratt, Kan.

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



Steel Mills	\$12.75	We make many sizes of Mills, Tanks, Pumps and Gasoline engines: satisfaction or no sale. You will save money if you investigate.
Iron Pumps	1.80	
Steel Tanks	2.70	
Gasoline Engines	35.90	
Catalogs Free		

The Ottawa Mfg. Co.,
604 King St. Ottawa, Kansas

CORN HARVESTER

All steel, will last a lifetime. Only weighs 175 lbs. Either 1 or 2 men. One horse cuts 2 rows. Sold direct at wholesale prices. Every machine warranted. We also make the Jayhawk Sucker and Sweep Rakes. Prices very low. Write today for free circular—it will pay you.

F. Wyatt Mfg. Co., 402 N. 5th St., Salina, Kan.

FREE

This Famous Sewing Awl

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

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

MAIL AND BREEZE

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

Pub. Mail and Breeze, Topeka, Kan.

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

Name

P. O.

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

Alfalfa.

[Written for Farmers Mail and Breeze.]

What scents the air like blooming trees,
Like fragrant islands of the seas,
When wafted by the ocean breeze?
Alfalfa.

What makes the flocks and herds so fine,
The sheep, the oxen, yea and swine,
Because on thee they chiefly dine?
Alfalfa.

What makes the farmer ride afar
Upon his saucy touring car,
Prosperity in peace or war?
Alfalfa.

Let other poets sing their lay
On clover sweet or timothy;
Their theme is tame compared with thee;
Alfalfa.

Barnard, Kan. —John Black.

Cutting and Curing Broomcorn

BY J. A. LILJESTRAND.

[Written for Farmers Mail and Breeze.]

To harvest broomcorn in the proper manner a gang of 12 men is needed. The men go into the field and each taking two rows they break the stalks behind them so as to form a table, allowing the brush to hang over the edge full length. When the tables are made the men go between them walking backwards and cutting two rows at a time. The brush is placed upon the tables in piles from which it is gathered by two men with a wagon and rack made for the purpose and then hauled to the shed and dumped. A good man can break and cut a mile of brush in a day.

When to Cut the Brush.

The brush must be cut at a certain time or the quality will not be first class. It should be cut after the seed has developed but before it is ripe. If left until the seed is ripe the brush is apt to turn red, become brittle and lose weight. A shed in which the brush is cured may be of any size to meet the demands but they are usually 32 feet long, 10 feet high to the eaves and 8 feet wide for each stall. Build as many stalls as needed. Four-inch strips should be nailed on the walls 16 inches apart upon which to lay the poles. On these poles the brush is spread in thin layers to dry after being scraped. The brush should be hauled up and scraped every other day so as to get it in dry. A rain on it after it is cut will often greatly injure the quality.

What It Costs the Producer.

We use a chain scraper with seed elevator and run it with a 14-horsepower steam engine. An 8-horsepower gasoline engine would do the work as well and would not require as much attention, neither would it require a licensed engineer to run it. The average cost of harvesting a crop and placing it on poles in the shed is in the neighborhood of \$20 to \$35 per ton. The cost depends largely on the weather, the condition of the broomcorn and the men employed in cutting. The average yield is around a fourth of a ton per acre. I have seen fields that made a half ton per acre but it also often takes 5 or 6 acres to make a ton.

Danville, Kan.

Curing Brush Without Sheds

[Prize Letter.]

Mr. Editor—Broomcorn sheds are all right but many growers do not have them on account of the expense and added trouble in handling the brush. We have been curing brush in outside ricks for several years with good success. The brush is hauled in right after it is pulled, or if possible, it is well to let it dry a day. Pile the heads up in single ricks and between each layer of brush lay a board, preferably 1 by 4 or 1 by 2-inch stuff lying about. Have the ricks run north and south and in a location where the wind can have free access to them. Do not have them too close together. Brush so treated is as good as the best shed-cured and commands the same price.

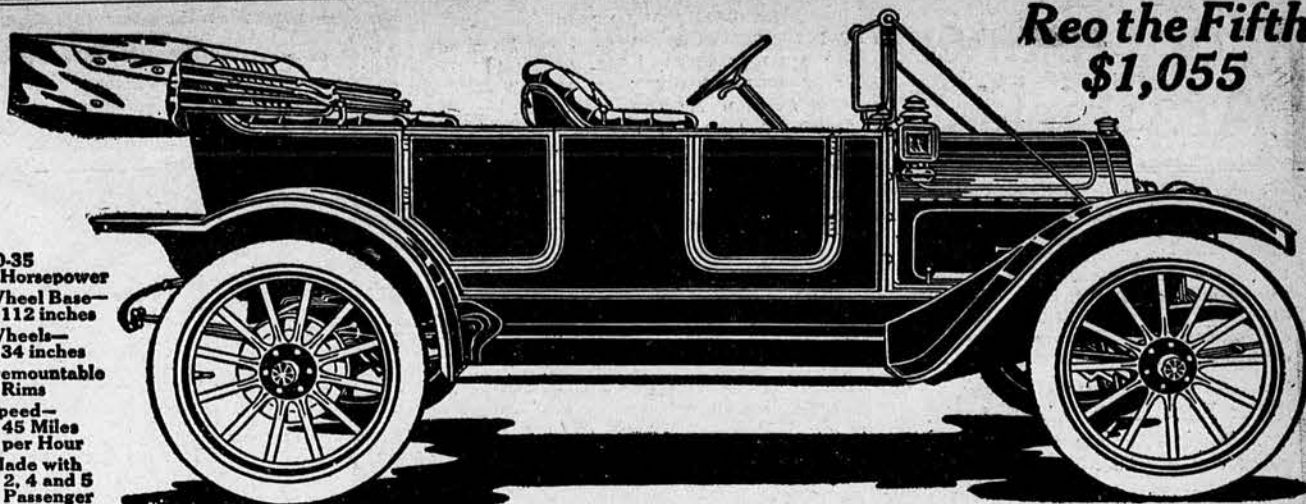
J. D. Fast.

R. 3, Fairview, Okla.

OUR SPECIAL OFFER.

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

30-35
Horsepower
Wheel Base—
112 inches
Wheels—
34 inches
Demountable
Rims
Speed—
45 Miles
per Hour
Made with
2, 4 and 5
Passenger
Bodies



Reo the Fifth
\$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 Center Control

By R. E. Olds, Designer

Nearly every builder of high grade cars is designing a center control.

In another year, cars with side levers which block a front door will be so out-of-date as to hardly be salable.

Bear this in mind in selecting a car. The side lever car is now a back number, as every maker knows.

Left Side Drive

In some cars the side levers are merely moved to the center. That idea won't do. Men want to get rid of the reaching. They want the front of the car to be clear.

In Reo the Fifth there is only one lever, and that is placed close to the seat. All the gear shifting is done by moving this lever only three inches in each of four directions.

There are no brake levers, for both the brakes are operated by foot pedals.

This arrangement permits of the left side drive, as in electric cars. The driver sits close to the cars which he passes. He is on the up side of the road. In making any turn which crosses a road he is sitting where he can look back.

That is the greatest reason for the center control—to permit of the left side drive. Every car is coming to it as fast as models can be changed. The side levers and the right side drive are going out at once.

This Year's Sensation

Reo the Fifth, with the center control, has been this year's sensation. Our spring output was five times oversold.

In all the 25 years I have spent in this industry, I have never seen such a popular car.

It is this amazing demand which has driven makers to the immediate adoption of center control.

R. M. OWEN & CO., General Sales Agents for REO MOTOR CAR CO., Lansing, Mich.
Canadian Factory, St. Catharines, Ont.

(98)

But That Isn't All

There are other reasons beside center control for this car's immense popularity.

It is the final result of my 25 years spent in car building. In every detail it marks the best I know.

The cars are built under my supervision. And I insist on absolute perfection.

The steel is twice analyzed, before and after treating.

The gears are tested in a crushing machine of 50 tons' capacity.

Parts are ground over and over to get utter exactness. The parts in each car pass a thousand inspections.

Engines are put through five severe tests—48 hours in all.

Finished cars are tested over and over.

There are in this car 15 roller bearings. Ball bearings are nowhere used, save in the clutch and fan.

The bodies are finished in 17 coats. The seats are luxurious. The tonneau is roomy.

With a lifetime's reputation at stake on this car, men know I am mighty careful.

Then the Price of \$1,055

And the underprice has been another sensation. We fixed the initial price at \$1,055, which is \$200 below any car in its class.

The price of this car must soon be advanced, because of advancing materials. It is much too low. But the price remains at \$1,055 while our present materials last.

Reo the Fifth is sold by dealers in a thousand towns. Write for our catalog, showing all styles of bodies, and we will tell you where to see it. Address

HOUSE CONCURRENT RESOLUTION No. 3.
Granting equal rights and privileges to women.

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

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

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

Sec. 2. This proposition shall be submitted to the electors of this state at the election for representatives to the Legislature in the year 1912. The amendment hereby proposed shall be known on the official ballot by the following title: "Amendment to the constitution granting equal rights and privileges to women," and the vote for or against such amendment shall be taken as provided by law.

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

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

Passed the House February 7, 1911.

Passed the Senate February 8, 1911.

Approved February 9, 1911.

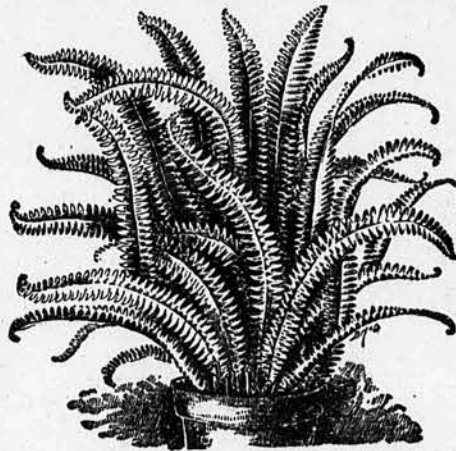
I hereby certify that the foregoing is a true and correct copy of original House Concurrent Resolution No. 3, now on file in my office.

CHAS. H. SESSIONS,

Secretary of State.

If a boy is too lazy to work at it, it won't help him much to learn a trade.

FOUR BEAUTIFUL FERNS FREE!



Why not make your home more beautiful by the use of beautiful, charming ferns? Other homes have them and every woman loves them. They will thrive in any dwelling room near a window, require almost no attention except a little sprinkling of water every few days, and will lend a charming, decorative effect to your rooms. We have a superb collection of the most beautiful and popular ferns ever known for house culture, namely, the BOSTON, WHITMAN, OSTRICH PLUME, ELEGANTES, SIMA, SCOTTI, and SPRENGER PLUMOSUS LACE FERN. We will make you up a set of four of these beautiful decorative ferns, and send them to you, all charges prepaid, if you will send us only 50 cents to pay for a 6 months' subscription to my paper. We have secured these ferns from one of the largest growers in the world, they will be packed carefully and shipped in splendid condition, so that they will reach you in just as good condition as though you had just received them from a greenhouse. Send only 50 cents, stamps or silver, for a 6 months' subscription to my popular paper and we will send you your choice of any four of these beautiful ferns, charges prepaid. Don't delay. Address at once.

FARMERS MAIL AND BREEZE, TOPEKA, KANSAS.

What Farmers Are Thinking

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

Our Dust Mulch Friend, Again.

Mr. Editor—I notice that you printed part of my article after chopping it to pieces and then proceeded to dissect me. That does not seem fair to me and I believe my judgment is as good on journalism as yours is on farming.

You say a person is apt to blame others for his failures and so on. Now the dope that was sent out on how to raise more wheat was this, "plow early and deep and work the ground after every rain until seeding time."

How is a person to work this ground like this and not get it in a fine dust? That is the document the Agricultural college sent out and I have it here to prove it. Then they saw that they had made a mistake and now it is the clod mulch on top. I do not know how you are going to retain these clods when you work your ground to conserve the moisture, but suppose you will have to get said clods on the top even if you have to make them with a garden trowel.

Now the fact is that Kansas has the most adverse climatic conditions of any state that is termed an agricultural state. That is proven by our standing on yield per acre. We stand at the tail end. Coburn says when we speak of yield per acre, modesty becomes us. Take the Year Book of the department of agriculture and study that. I do not know whether you recognize that as authority or not. The only reason that we raise more wheat than the other states is that we have in more acres.

"It is hard to tell how to handle the land in this severe climate," extract from Prof. TenEyck. Notice the accent "severe."

When Prof. Miller went out with the dairy special the forepart of the summer he told the facts and showed the farmers from the east line of the state, on the north, to Jewell, on the west, that they had a losing game raising wheat.

Then what about the fellow from Jewell county west?

Now, Mr. McNeal, there is one place where you stood for the facts. That was about one year ago when you got in a squabble with those old boys out west that said that there were just as many trees in western Kansas and that the wind did not blow any more in the shortgrass country than it did in eastern Kansas. You actually had the nerve to tell them they were talking through their hats, which any man knows who has traveled that country. You stood to lose a few subscriptions by that.

Maybe you have the impression I am one of those old fossils. Nothing is farther from the facts. I get all the bulletins from the Agricultural college and realize that along the line of chemistry they know a great deal, but when they propose to tell us in this part of this country that a certain preparation of the soil will produce certain results they are in the air, from the fact that conditions are hardly ever alike.

To show you how easy it is to hand out dope and how hard it is to follow I will cite this instance: About two weeks ago there appeared on the back cover of your paper a little article by Prof. A. H. Leidigh on the proper method of curing alfalfa. Now I don't want to knock on Arthur because he is a friend of mine (we lived neighbors) and the advice was all right, provided it could be carried out, but I used to bale hay for said A. H. Leidigh and his hay was just as "blue" as the other fellow's.

Now in conclusion: I understand you are going to make the address at Halstead August 8. I am going down to hear you but sincerely hope you will not start out with, "Ladies and gentlemen, you are the most prosperous, best fed, best looking set of people it has ever been my occasion to address."

Don't expect you to print this but I get the satisfaction of airing myself. Have not always lived on the farm. Have traveled every county in central and western Kansas, all central states and as far as the Pacific coast. Have somewhat of an idea of what is going on.

R. 3, Burrton, Kan.

[If our "old dust mulch" friend were more reasonable he wouldn't be anywhere near so amusing, nor could we give his letters so much space. There is no trade or calling in which a man needs to use more good common sense all the time than in farming. That is why it is impossible to lay down rules and methods that will apply in one locality as well as in another. That is why the bulletins have to generalize so much that you get tired of their "ifs" "ands" and "buts." And also that is why no one should follow them blindly and literally instead of using his own head. If our dust mulch friend persists in following eastern Kansas methods in his Harvey county wheat farming, as he seems to think the college is advising him to do, we predict he will be no better off at the end of the next 40 years than in his former letter he says he is now. —Editor.]

Capper Has the Ability and the Will.

Mr. Editor—I am for Arthur Capper for governor because he stands for Kansas and all her interests and because he stands for the enforcement of our laws. He has the ability to make good and the people of the state will put their confidence in him.

Garnett, Kan.

The Landlord Who Lived in a Shack.

Mr. Editor—I have seen no reply to poor-renter's letter, by any one making apology for the landlord. Not that I am a landlord, nor a year-at-a-time renter. Too bad isn't it, about the land owner living in the new house and the tenant living in a shack? How long did the landowner and his family live in the shack while they were improving the farm and saving money to build their new house? When a boy outgrows his clothes and gives them to a smaller boy and he takes them and wears them, the little boy should not be angry with the big boy because he has the new clothes, neither should he covet the big boy's pants. He should grow out of them while saving his earnings and get a new suit of his own choice.

I do honestly feel sorry for the poor tenant, the year-at-a-time renter. Why not rent the land for a longer time, be a cheerful citizen, and make the landlord and the community, and last but not least, your family proud of you? Fix up the shanty a bit with the material at hand. Cover all with a coat of whitewash twice a year and be a prosperous renter instead of a poor renter.

Monett, Kan.

The Best Platform of All.

Mr. Editor—I favor Mr. Capper as a candidate for governor because I take him to be a broad minded, firm energetic, honest, and upright gentleman, one who is certainly worthy of the position to which he aspires.

Hartford, Kan. John W. Stratton.

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

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

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

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

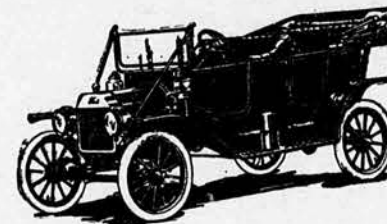
We have secured a quantity of these books for distribution among Mail and Breeze readers on this very liberal offer:

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

Not all the reckless drivers own automobiles; some of them hire livery barn horses.



If all roads were brick-paved streets the wonderful superiority of the Ford for the farmer would not be so easily demonstrated. But bad roads and bad weather have made the undaunted and economical Ford the farmer's friend—under all conditions.



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

ONE CENT

AN HOURS WORK ONE CENT!

That is the average cost per horse power hour when doing the work with a WITTE gasoline, distillate and naphtha engine. Why pay 25 to 50 cents per hour for one hired man when for one cent the work of several men can be done better and quicker? You can do the work just when you want to and ninety-five per cent of the money you are now wasting then goes into your own pocket. We ship every engine complete with all instructions, nothing is lacking, simply put in fuel and water and it is ready for work. You take no risk for WITTE engines are good engines. They "stay good." That is why we can give you a

FIVE YEAR GUARANTEE

The WITTE JUNIOR is built in sizes 2, 4, 6 and 8-H. P.; larger WITTE engines in sizes 10 to 40-H. P. Spend one cent for a postal card, state the size engine you need and let us send you our new free catalog with the best proposition ever made on this "money-saving" engine. A special inducement to introduce in new localities.

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

Winter Seed Wheat

KHARKOV YIELDS 50 to 70 BU. PER ACRE

Write for catalog and circular describing the most wonderful variety ever introduced in the United States. BERRY'S IMPROVED KHARKOV, of the latest importation, direct from Russia. Has no equal. Largest yielder known and withstands the severest winters. Have improved Turkey Red, other varieties and Mammoth White Rye. Large stock Alfalfa, Timothy and all Grass Seed. Write for free samples, special low prices. A. A. BERRY SEED CO., BOX 135, CLARINDA, IOWA.

ALFALFA SEED

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

BOYS! Get This Rifle FREE!

Will Shoot 350 Times

AUTOMATIC REPEATER
Works Like a WINCHESTER

Without Reloading

BOYS—here is the Air Rifle you have always wanted—a real repeater that loads automatically just like a Winchester or a Marlin. Nearly 3 feet long, yet weighs only 2 pounds. Uses B B shot and shoots 350 times without reloading. Will kill, at long range, crows, hawks, and all kinds of small game, such as squirrels, rabbits, etc. Barrel and all working parts made of high-grade steel, handsomely nickel plated; stock of finely-polished black walnut. This splendid Rifle is just what you need for target practice and to take with you on your camping trips. No powder—no danger—yet it will shoot almost as hard and as far as a regular .22 caliber cartridge rifle. It is the safest and most powerful air rifle ever invented. Just your name and address, and we will mail you, free and postpaid, 8 of our beautiful 12x15 Art Pictures to distribute among your friends on our grand 25-Cent Combination Offer. Then send us the \$2.00 collected and we will ship you absolutely free and express charges prepaid, this 350-Shot Repeating Air Rifle to pay you for your work. Remember, you risk not one penny as we take back pictures if you cannot dispose of them. We guarantee to refund the \$2.00 if you are not more than delighted with your Rifle after you receive it. Don't delay. Address at once,

BOYS' RIFLE CLUB, Dept. 13, Topeka, Kansas

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.

Well filled does not always mean well fed.

Movable, separate nest boxes are the only kind to have.

Three months should bring a broiler to the market stage.

Ducks do not stand confinement well. Better turn 'em loose.

The average farm poultryman cares more for the number of eggs a hen lays in a year than the number of prizes she wins at the shows.

Rough timber used in the poultry house makes the best harbor for lice. Perches, nests, etc., should be made of smooth lumber in all cases.

Report in Hatching Contest Soon.

The judges are at work on the reports submitted in the annual incubator contest of Farmers Mail and Breeze and as soon as they get through and the reports of the winners have been verified, the result will be announced. It seems probable at this writing the best records of this year's contest will not be as high as those of last year. The conditions during the hatching season this year were no where near as favorable as they were in 1911 and the supply of fries and market poultry will in consequence be much less this year than last. The poultry industry is now so universal that it can only be expanded by increasing the

Reliable Poultry Breeders

PLYMOUTH ROCKS.

FOR SALE—Our Barred Rock breeders. A. H. Duff, Larned, Kan.

PRIZE WINNING BARRED ROCKS—Eggs, babies, breeders. Mrs. Gillespie, Clay Center, Kan.

WYANDOTTES.

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

RHODE ISLAND REDS.

FOR SALE—100 Rose Comb Rhode Island hens. Good color. Fine laying condition. \$1 each. One male free with each dozen. Mrs. Etta Gould, Elmwood Farm, Wheeling, Mo.

BIG BONED deep R. C. Reds. Red to skin. Red eyes. Long black low tail. Scored 90 to 94. Eggs 25 cents; after May 20th 10 cents. Good hatch high scoring stock guaranteed. Highland, Hedrick, Iowa.

LEGHORNS.

SPONG'S S. C. White Leghorns. Hens \$10.00 per dozen. Alex Spong, Chanute, Kan.

GUARANTEED thoroughbred pure white S. C. Leghorn hens \$10.00 per doz. Cock birds at reasonable prices. J. A. Blunn, Sta. A, Wichita.

SEVERAL VARIETIES.

EGGS—Mottled Anconas. Siddle Wallace, Weldon, Iowa.

THOROUGHbred hens, cockerels, Runner ducks. Dollar each. Jordan Poultry Farm, Coffeyville, Kan.

43 VARIETIES, poultry, pigeons; cut prices on stock and eggs. Catalogue 3 cents. Missouri Squab Co., St. Louis.

Little Wonder Electric Egg Tester

Size 6x7x9 inches—can be carried and used anywhere—lights automatically—hundreds in use—best thing for the purpose ever invented. Test your own eggs—invaluable for incubator users. Price \$5.00.

Agents Wanted.
A. H. Youmans
K. C., Mo.

size of individual flocks, and conditions this year have been against increasing the "acreage" of the poultry crop.

Cure for Egg-Eating Dogs.

I should like to know of a sure remedy to cure a dog of egg eating.—Mrs. T. S., Osage City, Kan.

There are several effective ways of breaking this habit, but an egg dosed with cayenne pepper is as good as any. Blow out the contents of an egg, mix in a good quantity of cayenne pepper and after sticking a bit of cloth over one hole replace the mixture in the shell. Close up the other opening and leave the egg in Fido's way. If the first dose does not cure him once and for all repeat it to freshen his memory whenever necessary.

Where Organization Is Needed.

Mr. Editor—We get good prices for a few of the earliest hatched fries, but as soon as the local demand is filled we have to put the rest on the market at about what they cost us to raise. There is no good reason for this slump, for we know that the market is not nearly overstocked with this size of poultry. Our friends from the city tell us they are compelled to pay double the price we receive in the market. Would it not be good business for the poultry producers to organize just as the fruit raisers are doing? In this way poultry products could be handled to a great deal better advantage than they are now.

These associations could be federated into state and national bodies and their influence would be felt in shaping legislation to help control transportation, thereby reducing the excessive toll taken by express companies. If anyone doubts the need of reform in transportation methods let him visit a railroad station and see the crates of live chickens stacked high on the platform in the hot sun. With little exertion an indifferent or lazy agent, employed by a greedy corporation, could move the coops to a shady place. If the express companies are to be allowed to charge such unreasonable rates at least make them responsible for the care of such articles as they handle. Homer Cotton.

R. 2, Cherryvale, Kan.

[The American Poultry Association, although composed largely of poultry breeders, is now working at some of the reforms suggested by Mr. Cotton.—Ed.]

Reds Now Lead Laying Contest

A WHITE ROCK RECORD.

A pen of R. C. Rhode Island Reds is now leading the national egg-laying race at Mountain Grove, Mo. The pen's owner is D. E. Hall, California, Mo., and during the eight months of the contest ending June 30 these five hens laid 708 eggs. Their nearest rivals are a pen of Black Orpingtons credited with 687 eggs, while five White Wyandottes are in third place with 678 eggs. The best individual record so far is held by a 2-year-old White Plymouth Rock hen which laid 179 eggs during the eight months. This same hen laid 82 eggs in 82 consecutive days after which she missed one day and then resumed her one egg a day schedule. This hen came from parents that were both show winners which seems to prove that utility and fancy points may be combined in a flock.

The 15 highest pen records for the eight months of the contest ending June 30 are as follows:

Pen No.	Breed.	Eggs laid.
107.	R. C. Reds	708
112.	Black Orpingtons	687
52.	White Wyandottes	678
59.	Silver Wyandottes	666
75.	Barred Plymouth Rocks	662
13.	S. C. W. Leghorns	659
20.	S. C. W. Leghorns	651
118.	Buff Orpingtons	649
117.	Buff Orpingtons	646
64.	Silver Wyandottes	630
96.	S. C. Reds	628
98.	S. C. Reds	615
28.	R. C. Brown Leghorns	600
22.	S. C. W. Leghorns	618
5.	S. C. W. Leghorns	605

The 10 highest individual records for the same period are as follows:

No. of bird.	Breed.	Eggs laid.
717.	White Plymouth Rock	179
541.	White Orpington	174
272.	S. C. Red	169
346.	S. C. Red	169
601.	R. C. Red	168
381.	Barred Plymouth Rock	166
492.	Silver Wyandotte	166
179.	S. C. W. Leghorn	166
79.	R. C. W. Leghorn	161
602.	R. C. Red	161

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The Heider Tractor solves the problem which makes it possible to farm by power cheaper than by the old slow horse and hand method. Does work of 3 horses and costs less. Saves one or more hired men. No feed bills. Weighs only 2 tons—goes anywhere, does anything in field or belt work. Horsepower from 1 to 12 inclusive. A boy can run it. Cuts out needless waste and puts your farm on a business basis. Low operating expense. It's a labor-saver and a money-maker.

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The book illustrated here is a book such as would ordinarily retail for a high price. It is handsomely and substantially bound in soft leather covers and printed in large, clear, easily-read type. It is just the right size for home, office or school use. It is thumb-indexed for quickly finding the word you want without any loss of time. No home library, no reading table, no student's outfit is complete without a good dictionary—and there is none other more authoritative or more complete than the famous Webster.

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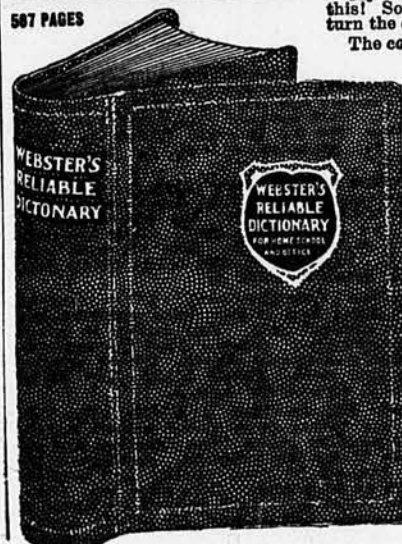
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CROPS and FARM WORK

(Crop Reporting Service of Farmers Mail and Breeze.)

Cooler weather and scattered showers have eased up the situation for corn somewhat but a good general rain lasting 24 hours or so is still the big need throughout Mail and Breeze territory. The usual order of things was reversed last week when some western Kansas counties had fine rains while the central and eastern portions of the state received little more than sprinkles. Among the favored shortgrass counties were Ford, Greeley, Scott, Morton, Meade, Rooks, Grant and probably a number of others not reporting.

Corn is the crop that has most farmers on the anxious seat just now. Heat and dry weather have done some damage, and chinch bugs have helped this along but a normal crop is still a possibility in most Kansas counties if the moisture comes soon. In Oklahoma the outlook does not seem quite so favorable. In Woods county the crop is reported to be a goner along with late Kafir and broomcorn. In Payne, Canadian, and Pottawatomie counties the chances for a crop also are slim but in many of the southern counties the crop was too far along to be seriously hit by the dry spell.

Threshing returns continue to be agreeable surprises both as to yield and quality. Except for odds and ends shock threshing is finished and outfits are now at work on headed and stacked bundle grain. The season has been unusually favorable for threshers.

Corn planted on wheat ground plowed up last spring seems to be suffering more from bugs than other fields. In Jefferson county, Kansas, says Reporter Jones, some such fields have been killed out entirely.

Our Ellis county correspondent notes that no straw stacks are being burned this year.

KANSAS.

Ellis County—Weather very dry. Wheat averaging 7 to 35 bushels, and testing 58 to 62 pounds. No straw stacks burned this year. Will also have some corn.—S. Clements, July 31.

Ford County—Three nice rains this week put all sorghum crops out of danger, and made good plowing for wheat possible. Milo is heading out. Wheat 79 cents.—G. D. Noel, Aug. 3.

Wilson County—Fair crop of hay and half of it put up. Corn needs rain. Wheat and oats are above the average. Pastures have been extra good. Cattle scarce and high. In three months hay has dropped from \$20 to \$8.—S. Canty, Aug. 2.

Cherokee County—Weather dry and corn needs rain. Bugs doing some damage. Wheat yielded 4 to 20 bushels. Some plowing done for wheat. Pastures good. Several cars of silos shipped in this summer.—J. W. Harden, Aug. 3.

Morton County—Present rainy weather is helping out the rapidly heading milo. All crops doing fine and the hilled fields are making wonderful growth. Plenty of feed in prospect. Hoppers numerous in some parts.—Mrs. Margaret McGee, Aug. 3.

Harvey County—Late corn looks fairly well but early plantings have suffered from heat and dry weather. Rains have only been local. Shock threshing almost finished. Wheat and oats yielding well and are of good quality.—H. W. Prouty, July 29.

Greeley County—Lots of rain and everything is growing fast, especially weeds. Prospects for crops were never better. Thousands of tons of Russian thistles being put up for hay. Eggs 12 cents, butter fat 20.—E. L. Partington, Aug. 3.

Edwards County—About 25 per cent of threshing done and wheat is making 12 to 25 bushels. Weather dry and cool. Corn and feed need rain. Some plowing being done. Pastures getting dry but stock is in good shape.—J. A. Baxter, Aug. 3.

Franklin County—Need rain badly. Early corn damaged and bugs are hurting late fields. Too dry for fall plowing. Wheat on bottoms making 20 to 30 bushels. Oats extra good. Heavy crops of all kinds of hay. Wheat about 80 cents, oats 35.—H. O. Cain, Aug. 3.

Jefferson County—Corn shooting and tasseling in this county. Most of county has had enough moisture but some complaint of rain shortage from some parts. Bugs have destroyed some corn fields put into plowed up wheat. Wheat making average yields.—Z. G. Jones, Aug. 2.

Mitchell County—Some parts of county have had good local showers but where no rains have fallen corn is suffering. Wheat yielding better than expected and quality is extra. Oats are good. Early sown millet did well but late fields very poor.—J. H. DePoy, July 31.

Marshall County—Wheat turning out 12 to 45 bushels, oats average about 30. Early corn tasseled out but too dry to make any growth. Last soaking rain came first part of June. Too dry to plow. Wheat 80 cents, corn 74, potatoes 60.—F. G. Stettinisch, Aug. 1.

Rawlins County—Most farmers will finish harvest next week. Rest are through now. No threshing done yet but wheat is fair. Oats and barley very good. Corn tasseling and is in good shape. Had 1 1/2 inch rain Aug. 1. Grass green and cattle doing fine.—J. S. Skolout, Aug. 3.

Woodson County—Some cooler weather now. Have had a few local showers but need a general rain. Hay baling in progress everywhere. Grass drying up and water getting scarce in places. Wheat turning out a fair yield. Cattle high. Hay \$6 to \$7.—E. F. Opperman, Aug. 3.

Meade County—Had a 3-inch rain this week and spring crops never looked better. Wheat yielding better than expected and as high as 31 bushels reported. Average is 20 to 26 bushels of good quality and testing as high as 63 pounds. Oats good too. Listers and plows have been started for another wheat crop. Third crop of alfalfa ready for harvest. Hoppers have done some dam-



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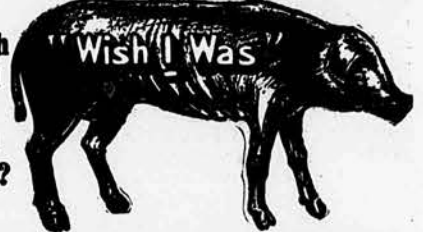
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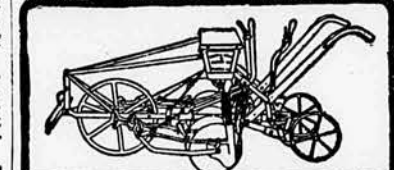
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No drill has quite such convenient advantages as our **Peoria 5-Disc Drill**. Here's the most prominent one. You can change the width between rows by moving an easy-to-reach lever and yet not alter a bit the angle of the discs. You know as well as we that this helps to insure even depth and uniform sowing. Another point; the

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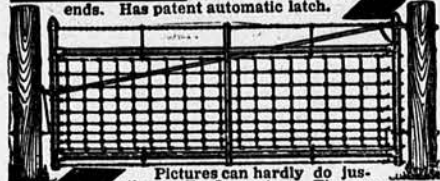
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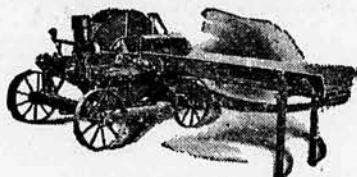
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Pile in the corn faster and faster and watch it disappear in a Whirlwind. It's a mighty powerful machine—so easy, so smooth running. The Whirlwind is mounted on a rugged, strong frame; main shaft runs in four wide-apart, dust-proof bearings, which hold it absolutely rigid, no matter how severe the strain; has one-piece cutter and blower-head.

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age. Wheat 77 cents and some farmers are storing the crops for more money.—W. A. Harvey, Aug. 2.

Scott County—Rain in north part of county recently. Corn and feed crops doing well. Crops in south part of county burnt up. The report that Scott county harvested 10,000 bushels of wheat needs revision. Grass fine and stock is fat. Crops not very promising the county over.—J. M. Helfrick, Aug. 3.

Graham County—Most wheat is of fine quality and will also have fine lot of straw for winter feeding. Corn has been doing well but needs rain now. Kafir growing nicely and promises lots of feed. Stock in good shape with pastures doing well. General prospects encouraging.—C. L. Kobler, July 27.

Grant County—Crops doing fine with some rain every day the past week. Corn was cut short by dry weather earlier. Milo and broomcorn late but are forging ahead now. Some thistles being put up for hay. Pasture best in years and cattle doing fine. Eggs 12 cents, butter 20, butter fat 21.—J. L. Hipple, Aug. 2.

Smith County—Wheat about half threshed and most of it making better yield than expected. Yield will average about 14 bushels for the county. All tests 60 pounds or better. Corn suffering for want of moisture and has already been damaged about 30 per cent. Third alfalfa crop will be light. Potatoes good.—A. J. Hammond, July 31.

Rooks County—Good rain last night and everything needed it. Pastures were drying up and corn suffering. No plowing done except with disk plows on account of dry weather. Wheat threshing out better than expected. Oats making about 30 bushels. Feed crops slow. Oats 47 cents, wheat 73, corn 85, eggs 12.—C. O. Thomas, Aug. 2.

Gray County—Wheat is making 15 to 20 bushels, oats over 40. Barley also yielding well. Not much threshing done yet on account of frequent rains. Corn and feed crops are simply immense. Plowing for wheat is now the main job on farms. Large acreage of wheat will be put out.—A. E. Alexander, Aug. 5.

Shawnee County—Almost too dry for corn but it still looks good except on hills. Bugs and dry weather are hurting it badly. Wheat nearly all threshed and average yield is 32 bushels for this part of county. Plowing for wheat in progress but ground is dry. Next crop of alfalfa will be light. Wheat 81 cents, hogs \$7.50, eggs 14 cents.—J. P. Ross, Aug. 3.

Marion County—Very dry here and some corn has fired badly. Most fields fully tasseled. Kafir holding its own but cane and millet are drying out. Quite a little plowing for wheat done. Wheat yielding about 15 bushels, oats 30 bushels. Pastures have been good and stock in good shape. Wheat 20 cents above test, corn 75, oats 35.—H. R. Heyland, Aug. 2.

OKLAHOMA.

Payne County—Crops are looking fine since the rain of yesterday. Some Kafir headed out. Corn will average a poor crop this year. Hay is light. Cotton doing fine. Cattle \$4 to \$5, butter fat 22 cents.—A. M. Leith, Aug. 3.

Rogers County—Drouth broken by a nice rain last Sunday and today we had another. All crops were helped but early corn had been damaged 30 to 50 per cent. Late corn not hurt. Garden and melon patches suffered badly.—A. Cochran, Aug. 2.

Canadian County—Still dry but good weather for haymaking and threshing. Wheat making 8 to 14 bushels, oats 12 to 40. Corn drying out. Third alfalfa crop harvested. Wheat 75 to 85 cents, oats 30, eggs 12, butter 18, hogs \$8.—H. J. Earl, Aug. 3.

Pottawatomie County—No rain since July 6 and late corn is burning up. Third alfalfa crop being harvested. Kafir heading out. Prairie haying in progress. Hogs \$6.50, cattle \$3.75, apples 50 cents, peaches 50, butter 20, eggs 15.—L. J. DeVore, Aug. 2.

Beaver County—Two good rains this week. Broomcorn heading out and Kafir looks good. Wheat making 10 to 30 bushels. Some breaking being done for wheat. Oats yielding well. Corn in good shape. Milo headed out and will soon do to feed.—M. B. Edwards, Aug. 1.

Woods County—Wheat making from 5 to 30 bushels. Corn, late Kafir and broomcorn are total failure from drouth and grasshoppers. Early Kafir looks fairly good but must have rain to mature. Only local showers for three months. Outlook discouraging for farmers.—W. C. Douglass, July 29.

Custer County—Cloudy and cooler weather this week. Corn was hurt by heat and dry weather and cannot make over fourth of a crop. Shock threshing about finished and stack threshing will be over in about two weeks. No plowing done for wheat. Early millet making large yields. Prairie hay poor.—E. E. Baker, Aug. 3.

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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.

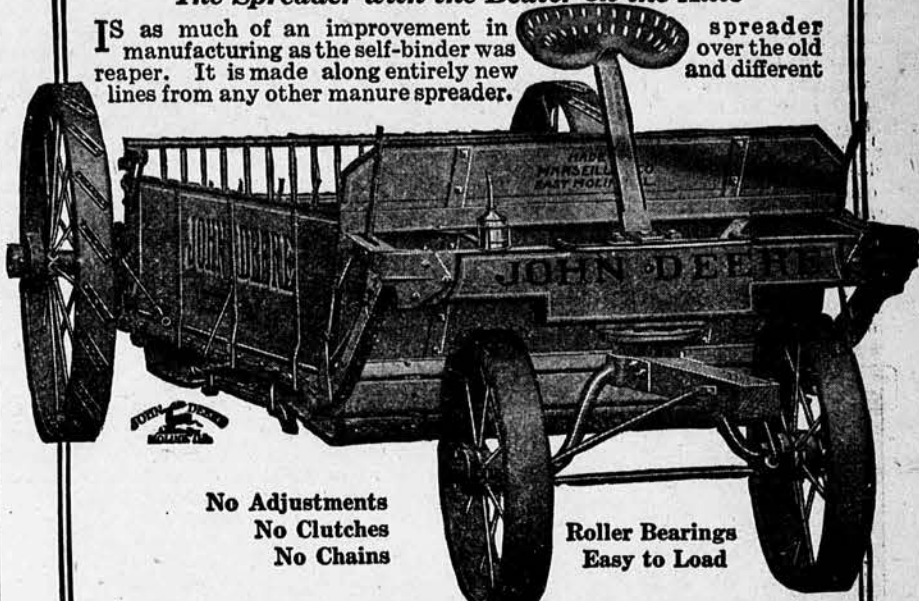
Remember, all four of these big papers will be sent to one address or to four different addresses if so desired for only \$1.25. If you are a subscriber to any one of these papers your time will be advanced another year. The regular price of these papers, if taken separately would be \$2.25. Why not 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.

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

Simplest and Strongest John Deere Spreader

The Spreader with the Beater on the Axle

IS as much of an improvement in manufacturing as the self-binder was reaper. It is made along entirely new lines from any other manure spreader.



No Adjustments
No Clutches
No Chains

Roller Bearings
Easy to Load

The Greatest Improvement in Spreaders Since Their Invention

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

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

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

The Beater on the Axle

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

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

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

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

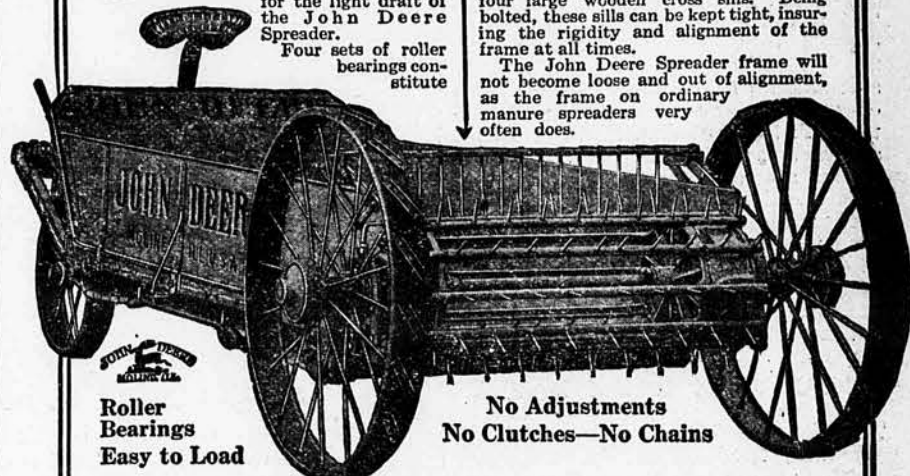
Power to drive the beater is taken from the rear axle and operates through a planetary transmission (similar to that used on automobiles) mounted on the rear axle.

Light Draft

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

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

Four sets of roller bearings constitute



Roller Bearings
Easy to Load

No Adjustments
No Clutches—No Chains

Valuable Spreader Book—Free This new, special spreader book contains valuable information concerning the reasons for using manure on the land, how it should be applied, how to store it and the benefits of using it in various ways. In addition there is a detailed description of the John Deere Spreader, with illustrations in color of this new spreader working in the field.

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

John Deere Plow Company, Moline, Ill.

Insist on all racks being thoroughly swept off before they come onto the farm, and so prevent your neighbor's weed seed from infecting your fields.

Capper Boys' Corn Reports

RAINS CAME JUST IN TIME.

Every shower and every day of good corn growing weather is not only brightening prospects for an old fashioned corn crop this fall but it is warming up the interest in the Capper Boys' corn contest. "My corn is doing fine and is the best around here," writes Bernard Rosene of Seandia, Kan., who is in the contest for the first time. "I have a good stand and my field has been shooting ears for a whole week now. Had a fine shower on it today (July 20) which was badly needed."



Recent snapshot of Oren Sellers and his corn. He planted seed of the World Champion White produced from seed of world's champion bushel bought by Arthur Capper in 1909.

"I have good prospects for a corn crop and have some that measures 9 feet and 7 inches now (July 24)," is the report that comes from J. E. Warrenburg, Centralia, Kan.

A. L. Urbun of Pfeiffer, Kan., says he has a good stand but it is somewhat uneven. On July 19 the height of stalks ranged from 1 to 5 feet. "I started to plant the last of April," writes young Mr. Urbun, "and I put it in with a Bradley lister. I have worked it and it looks very good at present."

Oren Sellers writes from Galva, Kan.: "I planted my corn in alfalfa ground. It was plowed last fall and disked this spring, then it was listed May 7. I worked the ground two times with a double John Deere disk cultivator, then worked the corn two times with a single-row cultivator. After that I dragged corn planter wheels through the rows, and I intend to cultivate it later with a one horse 14-tooth cultivator. My corn is 6 feet high now and is just beginning to tassel well. It was damaged some by hot winds. I enclosed a snapshot of my corn field. The variety is World's Champion White from seed produced by the world's champion bushel brought to Kansas in 1909 by Arthur Capper. Oren Sellers. R. 2, Galva, Kan."

Dry-Farmers to Meet at Hays

An event of considerable importance to Kansas is the third annual session of the Kansas Dry-Farming association, which will meet at Hays August 28-29. The mornings of the two days will be devoted to visiting the state Experiment station plots and fields. The afternoons and evenings will be given over to regular sessions of the association. A barbecue dinner will be served at noon each day on the Experiment station grounds.

In addition to dry-farming, livestock, good roads and domestic science will form the basis for discussions and there will be numerous demonstrations and exhibits. The Hays Commercial club will provide automobiles for the convenience of delegates and guests.

SPECIAL SUBSCRIPTION BARGAIN.

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

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

Get Busy With a Baler

IF you have clover, timothy, prairie grass, or alfalfa, it will pay you to bale it. Loose hay takes barn space. You cannot sell it easily and you cannot ship it at all. It is the hay that is baled which is in demand in the high-priced city markets. This is the hay upon which you make your profits.

The difference between what it costs to bale hay and the increase you get in price per ton, gives you a bigger margin of profit on your work than anything else you do on a farm. You can bale easily from 8 to 16 tons a day and under certain conditions, several tons more. Baled hay can be made as much a big cash crop to you as your wheat, corn, or oats. All you need is the right kind of hay press. There is money in owning an

IHC Hay Press

An IHC pull power press in either one or two-horse style, or an IHC motor press with a 3, 4, or 6-horse power IHC engine, will do the work required on any farm cheaper, quicker, and with less attention than any other hay press so far designed.

It has taken years of field testing to make these presses the best that you can buy. They are that now. The horse power presses have greater capacity than any other horse press of equal size. They are lighter draft and easier on the horses. The step-over is the lowest and narrowest made. They have an adjustable bale tension, which insures compact bales. They are equipped with a roller tucker to turn in all straggling ends, thus making each bale neat in appearance.

IHC motor presses consist of a bale chamber and an IHC engine mounted on substantial trucks. The bale



chamber of the motor press corresponds in size to the bale chamber of the horse press—14x18 inches, 16x18 inches, and 17x22 inches. No time is lost in setting up the machine. It can be moved easily from place to place, backed to the stack or barn, and started to work at once. The engine does not need a man to watch it and there is no danger from sparks. When not baling hay, the engine can be detached. Two extra wheels, an axle, and a belt pulley are furnished, so that with a little adjusting, you have a regular portable IHC engine ready for business 365 days each year. You can operate a small thresher or corn shredder, saw wood, shell corn, grind feed, pump water, generate electricity, or run a cream separator. You thus purchase two useful machines in one. There is profit in the hay press and unlimited work in the engine.

Hay time is drawing near. Be prepared for it. Drop in and see an IHC local dealer in your town, or write for a catalogue.

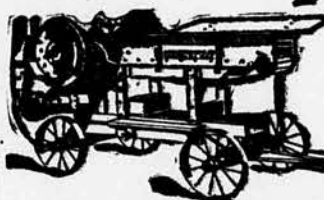
International Harvester Company of America
(Incorporated)

Chicago

U S A

IHC Service Bureau

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 IHC Service Bureau, Harvester Building, Chicago, U S A



Fill Your Silo Cheaply

Many things enter into the cost of filling your silo, but the most important one is your Silo Filler. A poor machine means a high cost, and an

Appleton Quality Silo Filler means the lowest cost. The positive feed table, the large throat, big feed rolls, the four spiral tool steel knives and the powerful blower mean great capacity. The solid oak frame means strength. The single lever control, the handy side table, the flexible top distributor mean convenience. In fact, the whole machine means satisfaction, while our guarantee

that our Silo Filler will, under equal conditions, do more and better work with less power and will last longer, means absolute safety for you. More silos will be built and more ensilage fed this year than ever before. We have already sold more Silo Fillers this year than we did in all of 1911. To insure prompt delivery you should arrange for a machine at once. Write to-day for free illustrated booklet.

APPLETON MANUFACTURING COMPANY, 497 Farge Street, Batavia, Ill.

98cents

Post Paid

Guaranteed 5 Years

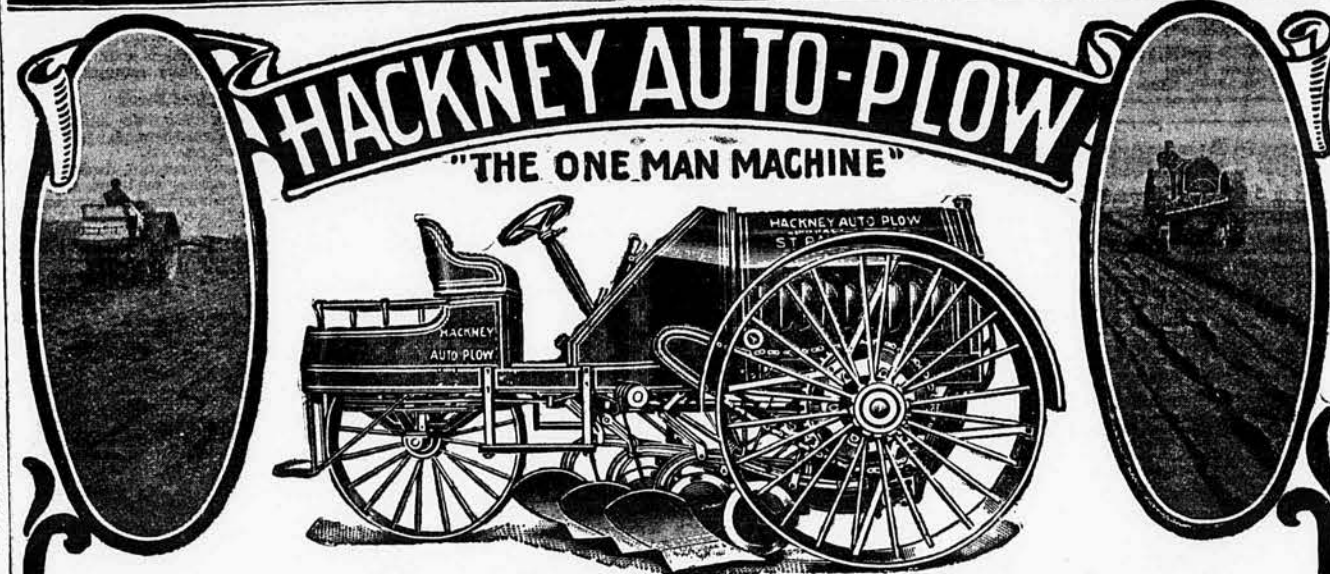
To advertise our business, make new friends and introduce our great catalogue of Elgin Watches we will send this elegant watch to any address by mail post paid for ONLY 98 CENTS. Receiver guarantees it will open face, full solid silver plated plate polished case. Adjustable dial, lever escapement, stem wind and stem set, a perfect timekeeper and fully guaranteed for 5 years. Send this ad. to us with your name & address & 98c, and watch will be sent by return mail postpaid. Satisfaction guaranteed or money refunded. Send today. Address R. E. CHALMERS & CO., 538 So. Dearborn St., CHICAGO.

"Magic Picture and Post Card Reflector" FREE

This wonderful machine will reflect any post card, picture, newspaper clipping, photo or object such as watch works, postage stamps, etc., in natural colors, magnified many times! The greatest little entertainer ever offered. No expensive slides or films to buy. Hundreds of pictures free by simply cutting them out of newspaper, etc. Send us your name and address and we will send you, prepaid, 16 Enamelled Art Pictures. Distribute the 16 pictures among 8 friends—a whole year's reading and 8 pictures for only 25c. When pictures are all distributed send us our \$3 and we send the "Magic Picture and Post Card Reflector" and 25 Handsome view post cards ALL FREE AND PREPAID. Only 2,000 Reflectors to be given away on this plan. Send your name and address at once. MAGIC REFLECTOR CO., 108 Copper Bldg., TOPEKA, KANSAS

THIS BEAUTIFUL RING FREE!

Set with four Sapphires surrounded with set bright sparkling in. Diamonds. This is positively the most beautiful ring ever given and can be had without costing you one cent by distributing only four of our large beautiful pictures at 25c. by our special plan. We send pictures at once, all charges paid, all different, printed in 10 to 17 different colors. Send no money in advance. We trust you with pictures until disposed of. You can also earn Watch, Doll, Bracelet or Lace Curtain, if you wish. KANSAS ART CLUB, Dept. 27, Topeka, Kan.



Great Labor-Saving Machine For The Farmer

THE bane of almost every farmer's life is being obliged to depend on "hired help." The loss of "man" or "two," at certain seasons of the year, is a very serious matter and often involves loss of crop. The HACKNEY AUTO-PLOW, the only "one man machine" on the market that can be used successfully for plowing, seeding, haying, harvesting, as a stationary engine for power purposes, and as a tractor for hauling loads, etc., makes the farmer INDEPENDENT and solves the vexatious labor problem. It eliminates drudgery and helps to keep the "boys" on the farm.

HACKNEY MANUFACTURING COMPANY, 575 Prior Avenue, ST. PAUL, MINNESOTA

The Hackney Auto-Plow will do the work of 10 horses and 2 men plowing and plows from 10 to 12 acres per day. It is a tireless worker, day or night, and there is no cost for "keep" except when in operation. So simple in construction and easy to operate that it is really a pleasure to run it. The cost is less than the medium priced automobile.

The Hackney Auto-Plow is the only machine that WORKED EVERY DAY at the field trials at the Minnesota State Fair. Catalog, photographs and testimonial letters, from satisfied users, free on request.

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.

The Illinois woman who died last week leaving 51 great grandchildren and one great great grandchild has had her share of life's pleasures.

The stores are all having bargain sales these days. But dress goods of an undesirable pattern and an unbecoming color isn't a bargain, no matter how cheap the price.

A reader whose letter was received this week asking for information, forgot to sign her name. If she will write again giving her name some one of us can help her, I'm sure.

Ever hear of spiced grape jelly? Some women make it. Tie a few cloves, allspice and cinnamon in a little bag and drop into the kettle to cook with the grapes before they are strained.

As a matter of fact most people work because they like to quite as much as because they have to. No one is so thoroughly unhappy as the one who can't find enough to do to keep him busy.

The weather man says the July just past was one of the six hottest months ever recorded in Kansas. But we who didn't know any better had mentioned repeatedly what an unusually pleasant summer we were having.

Occasionally we hear of some one who uses tartaric acid or salicylic acid in putting up her fruit and vegetables. But no careful housewife will do so, for these acids are injurious. Even alum in pickles is tabooed by the state board of health.

A Mail and Breeze reader in Guerrero, Old Mexico, writes to us asking for a good recipe for light bread. Judging from newspaper reports she may soon be seeking the protection of "the states," but she'll doubtless be glad of the recipe just the same.

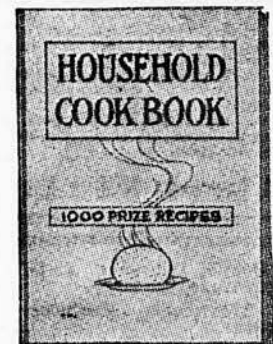
Topeka women have made a discovery this summer. They can make a linen skirt out of a yard of cloth. However, the woman must be small, and the cloth of the kind used for sheeting, 90 inches wide. The ordinary woman, who makes her skirt high at the top and puts in a hem at the bottom, needs a yard and a quarter.

Dried Sweet Corn.

Sweet corn can be dried so that when cooked it can hardly be told from canned corn, besides being more wholesome. Take the corn when in its prime for eating and cut it off the cob, scraping out the hearts, for much of the nu-

Splendid New COOK BOOK FREE

Most cook books are more or less extravagant or impractical. Here is a cook book that is different. It contains 1,000 proved, tested, practical, prize-winning recipes—all calling for only such ingredients as nearly every housekeeper has on her shelves. Included in this book are recipes for 39 salads, 32 fruit and egg desserts, 73 cakes, 68 pies and puddings, accurate rules and measurements, ways of canning and preserving—1,000 valuable recipes in all. One of the greatest collections ever published in one book.



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

GOLD WEDDING RING FREE

Send for 12 packages of our beautiful high grade gold embossed post cards to distribute at 10¢ pkg. Return us the \$1.20 when collected and we will send you by return mail this very fine 14K gold filled heavy band ring not the cheap kind. Address, H. F. MOSER, 382 Household Bldg., Topeka, Kans.

triment is lost by losing the heart. Place the cut corn in a steamer and steam 15 minutes, then dry in a moderate oven. When you want to cook it, soak over night or all day in just enough water to cook it, adding a tablespoonful of sugar, and cook in this same water by just bringing well to the boil, then season with cream, salt and butter as you would canned corn. The cooking is important, as the corn can easily be ruined by cooking too long.

Portis, Kan.

Esther Lee.

How to Make Grape Jelly.

[Prize Letter.]

It is possible to have quite a variety in grape jelly by using the grapes at different stages of ripeness. Made from the green grapes you have a firm, tart jelly. A little later when the grapes have begun to turn they make a pinkish jelly. But grape jelly in its perfection, having that delicious grapey flavor and a beautiful amethyst color, must be made of grapes that have turned but are not quite ripe enough to eat. If dead ripe grapes are used the jelly is not so nicely colored and is more apt to have tartar crystals.

If possible plan to make the jelly when the weather is clear. The day before you wish to make your jelly take Concord grapes that are blue but not really ripe, pick from the stem and wash. Put them in a preserving kettle with only enough water to keep them from burning. Set on the back of the range till they begin to heat and draw the juice, then set them forward and let them boil till they are soft. Pour them into a cheesecloth bag and let the juice drip into a stone jar or crock. Don't squeeze the bag if you want clear jelly.

Let the juice stand in the jar over night. In the morning very carefully pour the juice through a fine sieve or a piece of wet cheesecloth. You will be surprised to see what a lot of crystals adhere to the jar, and you will feel repaid for the extra trouble, since your jelly will be free from the gritty particles. Then measure your juice, and for every cupful of juice a level cupful of granulated sugar will be required. I never boil more than 6 cups of juice at a time, and I consider this one of the secrets of success in jelly making. At the same time you put your juice on to boil have an equal quantity of sugar heating in the oven. Stir the sugar often, and don't have the oven hot enough to melt it. Watch your juice and let it boil exactly 20 minutes, then stir your hot sugar into the boiling juice. It should be hot enough to hiss when it goes in, and not stop the boiling. Stir carefully and when the sugar is dissolved the jelly will be done and will be much prettier and clearer than if the sugar had been boiled in the juice. Set your glasses on a wet cloth and put a silver spoon in them to prevent their cracking while being filled. When cold cover with melted paraffin. Beautiful jelly can be made in the same way from the ordinary wild grape, gathering them before they are very ripe. They need not be picked from the stems.—Mrs. T. J. Sands, Robinson, Kan.

Putting Up the Winter's Pickles

IT MEANS GOOD EATING.

To make a corn salad, take 2 cups tender corn, 20 cups cabbage chopped fine, 2 cups sugar, 1-3 cup salt, ¼ pound ground mustard, 3 quarts cider vinegar, 3 green peppers. Put all together in a granite or earthenware vessel and cook 25 minutes, then place in glass jars and seal.

Rantoul, Kan.

Tomato Relish.

[Prize Recipe.]

One peck ripe tomatoes, ½ cup salt. Chop tomatoes fine, put salt over them

and let stand over night, then drain well. In the morning take 3 cups of chopped onion, 3 cups chopped celery, 3 cups sugar, 1 cup mustard seed, 1 teaspoon red pepper, 1 teaspoon cinnamon, 1 teaspoon nutmeg, 1 quart vinegar. After draining the tomatoes add the remaining ingredients and seal at once without cooking. The celery can be omitted if it is not liked.

Netawaka, Kan.

Martha Sewell.

Muskmelon Sweet Pickles.

Muskmelon sweet pickles are delicious. I make mine in this way: Peel and cut melons into size desired or a little larger, as they will shrink some. Sprinkle with salt and let stand until next day. Then drain off salt water, cover with fresh water and bring to a boil. If the water tastes salty drain again, and again cover with fresh water and let boil until tender. Have ready vinegar sweetened and spiced to suit taste. Drain off the water until the melon is fairly dry, then pour spiced vinegar over it, bring to a boil and can. Watermelon pickles are also very nice made the same way.

Meno, Okla.

Mrs. Lola M. Bradt.

Apple Sweet Pickles.

Pick out all the small apples that have no worm holes and pickle them. Leave the stems on, as they do no harm and add to the looks of the apple. Take 1 cup of vinegar to 1 cup of sugar, with whole mixed spices to suit taste. Prepare enough of this sirup to cover the apples, set on the stove, put the apples in and let them boil until you can stick a fork into them. Then put into glass cans, cover with the sugar and vinegar in which they cooked, seal and set away to cool. These will keep for years, and are really better after they have set six or eight months. The whole apple with its red cheeks and pretty little stem looks beautiful after it is in the can.

R. 7, Guymon, Okla.

Pickled Pears.

Select ripe, smooth pears, leaving the stem on. Wash them, trim off any specks there may be, and stick 6 to 10 cloves in each pear, if large. Put cider vinegar in a granite kettle, 1 pint of the vinegar to 2 pints sugar, and let come to a boil. When sirup is boiling well put pears in, cover and cook till tender but not too soft, then put in cans and seal. The wide-mouthed jars will be found convenient. These are fine served one in a sauce dish with sirup over it, or just as pickles. If sugar is scarce they can be made with 1 pint sugar and 1 pint vinegar, but in that case the sirup will not be good to serve.

R. 3, Formoso, Kan.

Ripe Cucumber Sweet Pickle.

[Prize Recipe.]

Pare the cucumber with a silver knife, cut in quarters and scrape out seeds and soft part. For 2 quarts of prepared cucumber take ¼ cup of salt. Sprinkle each piece of cucumber with the salt as it is laid in an earthen or granite dish, cover with cold water and let stand 24 hours. Then drain, rinse in cold water and put over the fire to cook in a fresh supply of water. When tender drain again. Weigh the cucumbers before cooking, and for every 7 pounds of fruit take 3½ pounds of sugar, 1 pint of vinegar, 1 cup water, 4 ounces stick cinnamon and 2 ounces of cloves. Make a sirup of the sugar, vinegar and water, put in the cucumbers and spices and let cook until the cucumber looks transparent, then remove from sirup and place in jars. Boil sirup until quite thick, then pour over the pickles, filling the jar to overflowing, and seal as canned fruit. Pickle made in this way is delicious.

Burlington, 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, Kan.



Can you always eat all that you "can"?

After the work of "canning" do you find much of your fruit is spoiled? Then, why persist in using old-style, narrow-necked, tin-topped, screw-capped jars? That was the old way of "canning." The new way, the easier, safer, better way is called "jarring," preserving in the all-glass

E-Z SEAL JAR

Try putting up beets, beans, corn and tomatoes for winter use. It is fun when you use the E-Z Seal Jar. It has the sanitary all-glass cap—no metal at all. No twisting and turning—the cap clamps with a spring seal. It closes and opens with a touch of the finger. And—your fruit keeps!

Free Jar—Free Book

Cut out this coupon, take it to your grocer—he will give you one E-Z Seal Jar—FREE. Be sure and write us for FREE Book of Recipes—it tells many things you should know. Get the Jar from the grocer. Get the Book from us.



HAZEL-ATLAS GLASS COMPANY
Wheeling, W. Va.

1-Qt. E-Z Seal Jar AI FREE for the Coupon

Please note—in order to secure free jar this coupon must be presented to your dealer before Oct. 15th 1912, with blank spaces properly filled out.

HAZEL-ATLAS GLASS CO.,
Wheeling, W. Va.

This is to certify, That I have this day received one "Atlas" E-Z Seal Jar Free of all cost and without any obligation on my part. This is the first coupon presented by any member of my family.

Name _____

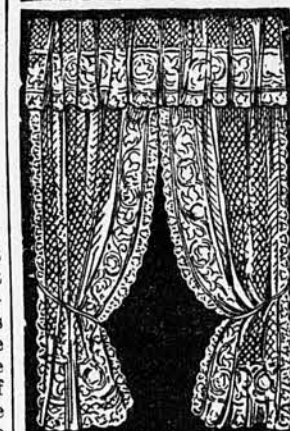
Address _____

TO THE DEALER:—Present this to jobber from whom you received E-Z Seal Jars. All coupons must be signed by you and returned before Nov. 1st, 1912. DEALER'S CERTIFICATE. This is to certify, that I gave away one "Atlas" E-Z Seal Jar to the person whose signature appears above.

Dealer's Name _____

Address _____

LACE CURTAINS FREE



Finest Curtains ever offered; large, full-sized, beautiful Nottingham Lace Curtains, 2½ yards long, with elegant patterns, hand-somewide borders and firm well finished edge. All I ask of you is to send your name and address at once. I then send, all charges paid, six packages of beautiful highly colored silk and gold embroidered Post Cards all different, to distribute by my special plan at 25¢ each. When post cards are distributed send me the \$1.50 collected and

I will send you at once these handsome curtains, without one cent of cost. Don't delay. Address, CURTAIN CLUB, Dept. 24, Household Bldg., TOPEKA, KANSAS.

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

Official Kansas Grades

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

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

RULE 1.

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

RULE 2.

GENERAL.

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

RULE 3.

LIVE WEEVIL.

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

RULE 4.

PLUGGED CARS.

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

RULE 5.

REASONS FOR GRADING.

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

RULE 6.

THE WORD "NEW."

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

RULE 7.

REINSPECTIONS.

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

RULE 8.

CLAIMS.

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

RULE 9.

MIXED WHEAT.

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

RULE 10.

SULPHURED GRAIN.

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

NOTICE.

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

D. R. GORDEN, Chief Inspector.

HARD WINTER WHEAT.

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

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

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

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

HARD WINTER WHEAT.

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

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

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

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

KANSAS TURKEY WHEAT.

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

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

RED WINTER WHEAT.

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

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

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

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

WHITE WINTER WHEAT.

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

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

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

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

NORTHERN HARD SPRING WHEAT.

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

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

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

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

SPRING WHEAT.

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

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

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

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

WHITE SPRING WHEAT.

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

DURUM (MACARONI) WHEAT.

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

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

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

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

PACIFIC COAST RED AND WHITE WHEAT.

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

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

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

RYE.

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

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

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

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

OATS.

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

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

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

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

RED OATS.

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

MIXED OATS.

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

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

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

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

STANDARD WHITE OATS.

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

BARLEY.

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

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

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

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

SPELTZ.

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

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

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

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

CORN.

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

GRADE.	Percentage of moisture.	Percentage of rot, exclusive of bin-burned.	Percentage of dirt and broken grains.
No. 1.....	15	1	1
No. 2.....	16	5	2
No. 3.....	19	10	4
No. 4.....	22		

WHITE CORN.

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

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

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

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

YELLOW CORN.

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

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

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

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

MIXED CORN.

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

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

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

No. 4 Mixed Corn.—Shall be corn of various colors, and sweet.

rious colors, but shall include tough, damaged or musty corn.

KAFIR CORN.

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

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

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

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

RED KAFIR CORN.

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

MIXED KAFIR CORN.

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

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

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

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

MILO MAIZE.

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

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

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

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

The foregoing are the rules adopted by the Kansas State Grain Inspection Department establishing a proper number and standard of grades for the inspection of grain. The same to take effect on and after August 1, 1912, in lieu of all rules on the same subject heretofore existing.

D. R. GORDEN, Chief Inspector,
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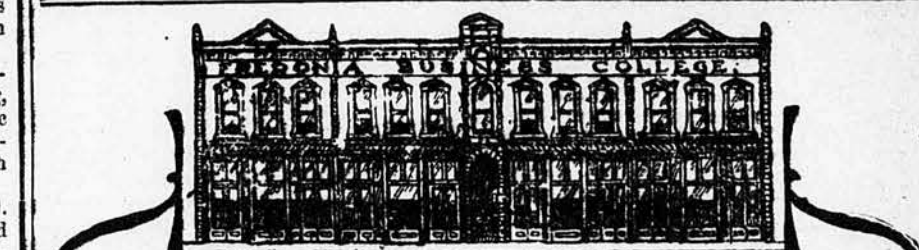
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MARKET PROBABILITIES

[Written Specially for the Farmers Mail and Breeze.]

Nearly 59,000 cattle were received at the five western markets Monday of this week and the best packer buyers could do was to lower prices about 10 cents on the medium to fair kinds. Steady prices prevailed for fed steers and the best grassers.

The cattle market last week took another glide upward, making new high price positions for fed cattle, and considering the quality of the other offerings, a dizzy price level was maintained for them. The extreme quotation in prices of steers, the commonest to some fairly prime, was \$3.75 to \$9.55. A little more than a decade ago the range was \$1 to \$5 a hundred pounds, and the finished cattle then had consumed probably twice the amount of feed, and the commonest kind were in about the same class, but had been held around the farm more as a fixture than from any intrinsic value. In the 10 years that it has taken to more than double values, demand has had a big surplus to draw on. The average age for marketing has been reduced from 5 to 7 years, to one that now shows a preponderance of yearling and 2-year-old steers. The slaughter of veal calves has more than quadrupled in the 10 years and veal calves are selling up to \$10.25 a hundred pounds. So it is that unprecedented prices prevail for cattle. There is no reserve age line to draw on; there is no surplus of breeding stock to build up the supply, and demands for beef are increasing rapidly. The question naturally arises as to where the future supply will come from. Vealing of calves, slaughter of vigorous cows and heifers, spaying of heifers, and increased production of cattle on small farms are factors, which discouraged, and encouraged, will tend to an increased supply. Cattle increase slowly, so that it is safe to predict that not under five years of most careful production and economy can the output return to a point where reasonably low prices can prevail. The situation is serious and should be given the careful attention of the man in a position to lend his aid to increased production. As to the market for the next few months there seems to be little probability of any decided setback in prices. The better class of steers may even attain new high levels and the \$10 quotation is not at all unlikely for August. The bulk of the grass fat steers from above the quarantine line are selling at \$7.25 to \$8.50, and from below the line, including a good many common "coasters" is \$5.25 to \$6.50. To show how scarce primeness in cattle is, the steers that sold last week in Chicago at \$9.55 came from a distillery. In other words they had been fattened on slop, or what was left of the grain after the alcohol, or its life, had been extracted. Other steers fed corn on grass in the 1,200 to 1,500 pound class sold at \$9.25 to \$9.75 range.

Butcher Cattle Remain Firm.

As the season advances killers are increasing their activity in the cow division. Instead of the market closing July in a delapidated condition as in former years, buyers were in the saddle awaiting invitations to look at offerings. Prices have been firm, and unusually steady for the season of the year. Packers are not getting any canners to speak of, and the scarcity of good young fat heifers is noticeable, indicating that some countrymen have seen a light. Veal calves are selling at \$5 to \$10.25, the last named price being paid in Chicago last Friday.

Urgent Need for Thin Cattle.

There are still some orders in hands of commission men waiting to be filled when prices of thin cattle break a dollar or more. They have been holding these orders for two months, under specific instructions, and will be holding them at this time next year. There have been plenty of orders without limitations, and the market is quoted stronger than a week ago. The good kinds are scarce, and in a number of instances coun buyers have bought half fat steers at higher prices than killers would pay.

More New Records for Hogs.

New high records were made at all the markets for hogs on Monday with prices generally 10 cents up from Saturday's level. The top in Chicago was \$8.62½; St. Louis, \$8.55; St. Joseph, \$8.40; Kansas City, \$8.37½; Omaha, \$8.25.

The hog market seems to have caught some of the spirit of the cattle market and last week scored a new high level for the year eclipsing the record of the preceding week by a good dime, and covering up the advance with a firm

close for the week. The market hesitated some on Monday but came into its strides on Tuesday and rose slowly thereafter. Medium and light weight hogs which predominate the supply are on an 8-cent basis, and probably that will be the prevailing dollar mark during August. There is little prospect for prices going above \$8.50 during the month, as the main shortage in the supply is sectional and not general. Missouri, Kansas and Oklahoma are the three states that are short, but the prevailing high prices are proving a big attraction for shippers from other states. In the first two months and a half this year receipts of hogs at the five western markets were nearly 1 million larger than in the same period in 1911, but in the seven months the increase shows as less than 400,000. Recent rains will encourage farmers to hold their young stock for winter feeding. Comparatively few hogs coming to market show sickness.

The Movement in Livestock.

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

	Cattle	Hogs	Sheep
Kansas City	39,125	31,050	28,850
Chicago	48,400	127,000	125,000
Omaha	8,450	40,600	41,200
St. Louis	28,900	42,000	30,050
St. Joseph	7,200	23,000	6,600
Total	133,075	269,000	231,700
Preceding week	101,175	261,700	78,300
Year ago	158,775	249,900	188,800

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

	Cattle	Hogs	Sheep
Kansas City	19,000	4,300	4,200
Chicago	23,000	31,000	30,000
Omaha	4,100	3,900	10,400
St. Louis	10,500	5,500	4,500
St. Joseph	1,800	5,000	2,000
Total	58,400	49,700	51,100
Preceding week	45,300	75,200	51,050
Year ago	52,050	50,100	48,100

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...	\$9.85	\$7.50	\$8.52 1/2	\$7.60	\$5.60	\$4.80
Kan. City	9.75	7.25	8.35	7.50	5.00	4.25

No New Feature for Horses.

The horse and mule market was still unable to stir up any dust in the past week. The trading was along scattering lines, and demand was not large enough for any certain class to say that one kind was preferred above another. Where sales were reported prices were quoted steady. Some Southern traders were looking over the market. They bought nothing, but may have been the advance guard of the fall demand.

Big Wheat Supply; Hay Plentiful.

The third week of the big movement of Kansas and Oklahoma wheat closed Saturday, and Missouri and the states east are beginning to get their grain on wheels. Early in the week prices advanced moderately but receded later. Corn prices declined moderately, assisted by Friday's rain in Kansas. Oats held steady until late in the week and then went off 2 cents. Hay is plentiful. Prairie, clovers and alfalfa were lower.

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

	Kansas City	St. Louis
Wheat—		
Soft No. 2	95½¢ @ 97c	\$1.01 @ 1.03
Hard No. 2	87¢ @ 91c	.93 @ .95
Corn—		
White No. 2	78½¢ @ 79c	.79 @ .80
Mixed corn	75¢ @ 76½c	.72 @ .73
Oats—		
No. 2 white	38¢ @ 40c	.37 @ .37½
No. 2 mixed	35½¢ @ 36½c	.30 @ .33

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...	\$1.10	\$1.11½	74½	67½	52	41½
Kan. City.	.97	.98	78	62¼	38	42

Quotations on Hay.

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

Prairie, choice	\$ 9.25 @ 9.50
Prairie, No. 1	8.75 @ 9.00
Prairie, No. 2	8.00 @ 8.50
Lowland prairie, No. 1	6.00 @ 7.00
Lowland prairie, No. 2	4.50 @ 5.50
Timothy, choice	14.50 @ 15.00
Timothy, No. 1	12.50 @ 14.00
Timothy, No. 2	12.50 @ 13.00
Clover mixed, choice	11.00 @ 12.00
Clover mixed, No. 1	9.00 @ 10.50
Clover, choice	9.50 @ 10.50
Clover, No. 1	8.50 @ 9.00
Clover, No. 2	6.50 @ 8.00
Alfalfa, new, choice	13.75 @ 14.25
Alfalfa, new, No. 1	12.50 @ 13.50
Alfalfa, new, No. 2	10.50 @ 12.00

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
This week	2761	174	91
One year ago	887	423	35
In Chicago—			
This week	1235	1092	1164
One year ago	2652	276	1667
In St. Louis—			
This week	2244	278	370
One year ago	438	394	409

Livestock in Kansas City.

Increasing receipts of cattle last week were met by an increasing demand and prices for cattle were 15 to 25 cents higher. Plainer quality was offered but the price range made new high levels for the year, steers selling up to \$9.75, and grass fat steers making \$8.75. A good many Kansas grassers made \$3 to \$8.60, and the short fed to good kinds came in at \$8.25 to \$9.50. On the quarantine side steers sold at \$3.75 to \$6.65. Those at \$3.75 were "coasters" and belonged in the canner class. Butcher cattle were a shade higher. Only a few good fed heifers were offered. They sold up to \$8.50. The bulk of the grass fat heifers brought \$5.50 to \$6.50, and cows \$4.25 to \$5.50. Veal calves were quoted up 75 cents, top price \$9. Stockers were quoted up 25 cents, and feeders continued firm at the high level last week.

Saturday hog prices were the highest this year and 10 to 15 cents above the high close of the preceding week. Receipts continue small. Both shippers and packers have been in the competition. The top price Saturday was \$8.30, and bulk \$8 to \$8.25.

The following table shows the range in prices for hogs in Kansas City on days named, for the past two weeks:

	Last week	Preceding wk.
Tuesday	\$7.80 @ 8.10	\$7.45 @ 7.67½
Wednesday	7.85 @ 8.10	7.55 @ 7.80
Thursday	7.85 @ 8.15	7.60 @ 7.95
Friday	7.90 @ 8.25	7.80 @ 8.12½
Saturday	8.00 @ 8.30	7.90 @ 8.20
Monday		7.85 @ 8.05

Lambs sold up to \$7.65, but later the market lost about 10 to 15 cents, closing top quotation for lambs being \$7.50, for yearlings \$5.25, wethers \$4.50, and ewes \$4.25. The general market is in fairly good condition. There is considerable inquiry for feeding grades.

The following table shows receipts of cattle, hogs and sheep in Kansas City thus far this year and same period in 1911:

	1912	1911	Inc.	Dec.
Cattle	800,732	1,051,074	.....	250,342
Calves	64,722	105,979	.....	41,257
Hogs	1,618,772	2,000,319	.....	381,547
Sheep	1,171,148	1,173,982	.....	2,834
H. & M.	46,872	51,323	.....	4,451
Cars	60,990	77,861	.....	16,871

Cotton Market.

Galveston, Tex., Aug. 5.—COTTON—13½c.

Produce Prices Now and One Year Ago.

	Butter	Eggs	Hens
1912 1911 1912 1911 1912 1911			
Chicago	25	26	18 19½ 13½ 11½
Kan. City	24	25	18 20 11½ 10

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It grades, cleans and separates wheat, oats, corn, barley, flax, clover, timothy, etc. Takes cockle, wild oats, tame oats, smut, etc., from seed wheat; any mixture from flax. Sorts corn for drop planter. Rids clover of buckture from flax. Sorts corn for drop planter. Rids clover of buckture. Takes out all dust, dirt, chaff and noxious weeds from timothy. Removes foul weed seed and all the damaged, shrunken, cracked or feeble kernels from any grain. Handles up to 80 bushels per hour. Gas power or hand power. Easiest running mill on earth. Over 250,000 in use in U. S. and Canada. Postal brings low-price buy-on-time proposition and latest catalog. I will loan 500 machines. "First come, first served." Write today if you want to be one of the lucky 500. Ask for Booklet #109 (39)
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As a Candidate For Governor of Kansas These Are the Things I Stand For

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

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

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

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

For consolidation of boards and other public offices wherever possible.

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

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

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

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

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

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

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

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

For the Initiative, Referendum and Recall.

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

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

For less technicality and speedier justice in courts.

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

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

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

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

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

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

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

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

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

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

Arthur Capper.

Piano Bargains

Share in the economy offered by Jenkins' Great Midsummer Sale—the greatest piano event of the year and the most wonderful opportunity ever offered in the Southwest to save money on a good, dependable, famous make of Piano. Our necessity for a clearance is your chance to save. If you ever intend to buy, communicate with us now. Every Piano in this sale is in good condition—many of them as good as new. And the actual saving amounts to as high as \$200. We stand back of each instrument. We guarantee you will be pleased. And just think you can buy on the smallest monthly payments—\$5 and up. Why be without a Piano now that this great opportunity is offered?

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\$390 Buys a USED \$700 Hardman

\$10 per month. A baby grand—special art finished mahogany case—Louis XVI design, splendid, fine condition.

\$420 Buys a USED \$650 Chickering

\$10 per month. Quarter grand, second size—richest mahogany case—slightly used—perfect as new.

\$435 Buys a USED \$650 Vose

\$10 per month. Quarter grand—rich, mahogany case—perfect condition—as good as new—beautiful tone and action.

\$215 Buys a USED Elburn

\$6 per month. One of the largest; most beautiful upright—mission design and finished in mission oak; big, full, rich tone.

\$130 Buys a USED Hinze (Kimball)

\$5 per month. Full size upright—beautifully finished case—good action and tone.

\$195 Buys a USED \$375 Franklin (Fischer)

A piano with unusual tone quality and fine action.

\$175 Buys a USED \$350 Stodart

Has a clear, clean, brilliant tone, splendid action.

\$295 Buys a USED \$700 Decker Bros.

Magnificent action, full, rich, even, brilliant tone.

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In choicest condition. Must be seen to be appreciated.

\$210 Buys a USED \$400 Kranich & Bach

Unusually choice piano of this make. Just like new.

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Very choicest, most expensive and the best of this make.

\$150 Buys a USED \$325 Emerson

Absolutely perfect condition. We don't believe it was better when new.

\$210 Buys a USED \$400 Mathushek

One of the most beautiful uprights—one of the biggest bargains ever offered anywhere, any time.

\$175 Buys a USED \$300 Camp & Co.

\$5 per month. Most expensive style of case, in rich mahogany; fine tone and action; exceedingly rare at this figure.

\$225 Buys a USED \$400 Krell

\$6 per month. One of the very best, with W. N. & G. action—a perfect instrument. Better than some new ones of this make.

\$130 Buys a USED \$275 Thayer

\$5 per month. Large size upright—rich D. V. mahogany—strictly up-to-date—extraordinary for the money.

\$140 Buys a USED \$400 Guild & Co. (Boston)

One of the largest and best uprights—very latest constructive plan—fine condition—could be sold for new.

\$195 Buys a USED \$275 Behning

\$5 per month. In richest special walnut case—perfect condition—like new—very beautiful and a very rare piano.

\$125 Buys a USED \$275 Martin Bros.

Largest and best of this make—beautiful case, sweet tone—an extraordinary value.

\$50 Buys a USED \$300 Arion

Sweet tone—responsive action—excellent value.

\$165 Buys a USED \$350 J. & C. Fischer

Beautiful mahogany case—sweet tone—extra good action.

\$140 Buys a USED \$300 Starr

Dark mahogany case—rich, full tone—fine condition.

\$135 Buys a USED \$325 Marshall & Wendell

Very sweet tone—pretty as a picture—like new.

\$195 Buys a USED \$400 Conover

One of the handsomest of this make, in perfect condition.

\$195 Buys a NEW \$300 Schirmer & Beck

Richest case—a special sample piano—very rare.

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One of the finest, in splendid condition—special value.

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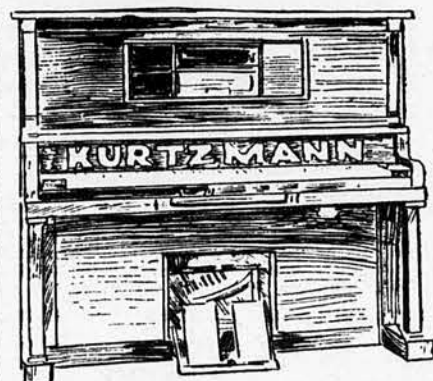
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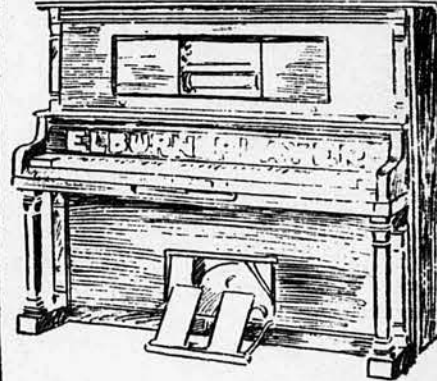
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SOUTH DAKOTA LAND—Eighty-acre tract near Pierre for sale. Reasonable price and terms. Wm. C. Notmeyer, Pierre, S. D.

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

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

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FOR SALE—My well improved 375 acre stock and grain farm. One mile from town on Rock Island R. R. Mercer county, Mo. Will give easy terms. Might consider income property or good business as part pay. Address Box 33, Independence, Iowa.

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

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

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

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

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

COLLIE PUPS for sale; magnificently bred. A. J. Benedict, Woodworth, Wis.

SCOTCH COLLIE pups for sale; extra fine. John Becker, Newton, Kan.

FOR SALE—Russian wolf hound puppies; parent stock probably best coyote killers in Kansas. Prices reasonable. Smoky Hill Ranch, Wallace, Kan.

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FARM couple of good moral character want situation on farm or ranch; capable of taking full charge; must be located by November. Box 8, care Mail and Breeze.

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AGENTS WANTED.

AGENT WANTED to sell nursery stock. Must be reliable and furnish references. Good wages paid. Address, Nurseries, 2131 N. Lawrence Ave., Wichita, Kan.

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

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

MALE HELP WANTED.

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

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

HELP WANTED—\$175.00 paid for giving out 1,000 circulars and samples. Start money making mail order business. Box No. 394, Freeport, Ill.

WANTED—Post office clerks, city and rural carriers. Thousands needed. Examinations soon. Trial examination free. Write today. Ozment, 38, St. Louis.

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

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

500 MEN 20 to 40 years old wanted at once for electric railway motormen and conductors; \$50 to \$100 a month; no experience necessary; fine opportunity; no strike; write immediately for application blank. Address F. care of Mail and Breeze.

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

WANTED; men and women; for government positions. \$80.00 month. Annual vacations. Short hours. No "layoffs." Common education sufficient. Over 12,000 appointments coming. Influence unnecessary. Farmers eligible. Send postal immediately for free list of positions open. Franklin Institute, Dept. E 55, Rochester, N. Y.

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

SALESMEN WANTED.

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

PATENTS.

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

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

MISCELLANEOUS.

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

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

NO COMMISSION—Sell or trade your farm, city property or business quick and without paying commission. I can save you time and money. Inclose stamp. W. C. Schiede, Siloam Springs, Ark.

NOW IS THE TIME to begin to pack away eggs when they are cheap and sell them this coming winter when they are dear. I am the man that can tell you how to keep eggs fresh for one year. Send for particulars. Do it right now. D. Johnson, Kane, Pa.

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.

Rural Conference For Kansas

A STATE MEETING IN NOVEMBER.

Kansas is manifesting a disposition to take a hand in the rural conservation movement which has for its object the promotion of the best interests of the farming industry and those engaged in it.

A preliminary meeting was held last week at Hutchinson to select a place for the first regular conference of Kansas

farmers. Hutchinson was chosen and the third week in November was selected as the best time for holding the conference which will first take up the matter of country life in Kansas. It was the general opinion at the meeting that the new movement in this state should have the co-operation of every sort of interest in the state for the betterment of farming and of farm life. Some of the speakers were J. R. Koontz, representing the transportation interests; Prof. S. J. Hunter, of the State

university; President Waters, of the State Agricultural college; T. A. Hubbard, of Wellington; M. M. Sherman, Crawford; F. A. Dawley, Waldo; E. N. Moses, Great Bend. E. W. Rankin represented Farmers Mail and Breeze at the preliminary meeting.

The following officers were chosen: President, Edwin Taylor, Edwardsville; vice president, George Plumb, Emporia; secretary, W. Y. Morgan, Hutchinson; treasurer, Scott Hopkins, Topeka. A vice president from each congressional

district will be announced later by the president, and also members of three committees of eight members each, one from each congressional district, on advertising, finance and program.

A Different Gait.

"Didn't you tell me dat speckled boss you sold me was gaited?" asked Uncle Rasberry.

"Dat's what I told you," replied Erasmus Pinkley, "and dat's what he is. He's variegated."—Washington Star.

Editorial News Notes

Fredonia Business College.

Located in the beautiful little city of Fredonia, Kan. The aim of this college is to afford all classes of students the most thorough business education at the smallest possible cost. The college is located directly opposite the Wilson county courthouse, surrounded by a beautiful park with abundance of shade. Every room of this college is equipped with modern and up to date furniture. Mr. E. L. Taylor, president, says that the Byrne Simplified Shorthand, Touch typewriting and a practical book-keeping course affords the student a thorough business education in one half the time and one half the cost of the other systems. The 189 page catalog will be sent free by simply mentioning this paper. Address E. L. Taylor, President, Fredonia, Kan.

The Wichita College of Music.

The Wichita College of Music, Wichita, Kan., organized seven years ago, will open on Monday, September 2, for the regular fall session. The College of Music since its organization has made a wonderful growth in all departments including complete instruction in piano from the very beginner up to the post graduate course; voice culture which includes fundamental training as well as singing, preparing students for church singers, oratorio and opera under the most expert instruction. The violin department giving students an opportunity not only for solo playing and preparation as teachers but complete course in orchestra playing including the greater number of standard symphonies and selections with full symphony orchestra of 35 members; the pipe organ band and orchestra instruments in the hands of well known artists in their respective lines; the theory department includes complete courses in ear training, sight singing, history, harmony and composition; the school of expression has been developed to a state which gives the student an opportunity of a most thorough course for readers also giving each and every student an opportunity of appearing in leading roles in many of the standard plays presented throughout the season. The past year more than 300 music students were enrolled at the Wichita College of Music. The buildings are located right in the heart of Wichita and contain besides the regular music studios, Philharmonic Hall which has a seating capacity of 700 people which has complete stage equipment, grand pianos, pipe organ, etc. Four years ago the college management erected a students' boarding department, "The London," located two blocks distance from the college building; this is a four story building, modern in every respect and considered to be the best equipped apartment in the state. The new 60-page illustrated catalog has just been published as well as the August number of "The Wichita Music News" which is also published by the Wichita College of Music, and other booklets interesting to music students. These may be had by writing the president of the institution. Write for catalog, mentioning this paper.

The New Era in Farm Life.

Conditions change rapidly in America and nowhere is this change more pronounced than in the general attitude toward farm life. The ambition of thousands of laborers in factory and store is to save money enough to buy a farm and live a life of industrial independence while they amass a modest competence. Not many years ago tillers of the soil were referred to as "hayseeds" because their labors were so arduous that they had no time to acquire the polish that distinguished their city cousins. Their attendance at the "little red school house" was limited to a very few months each year, and their opportunities for culture were narrow indeed. It is not surprising that while these conditions prevailed the farmers' sons left their homes actuated by a desire to escape the hard physical labor necessary to wrest even a bare livelihood from the soil, and lured in part by the glitter and gayety of the city. While these farmers' sons have been toiling in the busy marts of trade forces have been at work that have wrought great changes. When the silo was introduced he saw its importance as a means of securing the best feed at the minimum cost and he adopted it. Then when the S. Freeman & Sons Manufacturing Company, 215 Michigan Ave., Racine, Wisconsin, placed on the market a patented enclosed steel carrier by means of which silo filling is made easy, he was quick to see its merits, and the manufacturers, great though their output is, could not supply the demand. The enclosed steel carrier is very durable and can be operated with but very little power. It cannot clog, and as all the cut feed must pass into the carrier and of necessity is deposited in the silo, there is no "cleaning up" time as is the case with the open carrier. No silo is too high for the steel carrier. The feed cutter made by The S. Freeman & Sons Manufacturing Company for use in connection with their enclosed steel carrier is the result of more than 40 years experience and careful study. In all these years it has stood without a peer in its class. See ad on page 25. Write for catalog to above address.

The Best Way to Save Your Stock From Worms.

It has been said that 90 per cent of all the sickness among farm animals is due to stomach and free intestinal worms which are taken into the system while the stock is on pasture. When the older worm infested animals are turned into the feed lot, their droppings soon distribute enough larvae to infect all the young animals which may have been worm free. The larvae develop into worms which crawl to the top of the grass blades where they are most certain to be taken in with the animal's food. In this way practically every farm animal becomes worm infested. The result is frequently sickness and often death, especially among sheep and hogs. Furthermore, these pests by sapping the blood and strength of the animals pave the way for hog cholera and all other destructive diseases. In every case indigestion results, the animals gain in flesh slowly if at all, and you lose a large share of your stock profits. Millions of dollars are lost by farmers every year on account of these worms in their stock. Numerous remedies such as tobacco, gasoline, etc., etc., have been tried for years, but none of them have been quite satisfactory. There is now on the market, however, a preparation that is absolutely

guaranteed by its maker to rid all stock of worms. It is known as Sal-Vet, manufactured by The S. R. Fell Co., Cleveland, Ohio. Practically all the prominent stock owners and many agricultural experiment stations are now using and endorsing this wonderful preparation. It is not only a sure and inexpensive cure, but extremely convenient to use. Being prepared with salt as a base, all you need to do is to let your stock run to it freely and they will doctor themselves. They will not take more or less than their condition requires. Mr. Sidney R. Fell, the president of this company, offers in his advertisement on page 10 of this paper to send you enough to feed all your stock 60 days before you pay, and agrees to make no charge whatever if you are not pleased with Sal-Vet. Fill out the coupon and mail to address in ad. Say you saw it in Farmers Mail and Breeze.

"The Fair of Progress."

Magnitude of the Oklahoma State Fair and Exposition, which opens September 24 and closes October 5, 1912, is realized completely by very few people. Its grandeur, greatness and importance are recognized by all who attend, but the vast majority realize that they have failed to see it all. There is a length, breadth and thickness so to speak, possessed by the Oklahoma State Fair and Exposition that combine to make it impossible for one to see everything. To get a fair idea of every department and every exhibit, one must spend four or five days on the grounds from early morning until late at night, and even then he feels that he has missed something. For this very reason many of the state fair and exposition visitors come again and again each year with a view of learning something the succeeding year that was overlooked the year before. The attendance at the Oklahoma State Fair last year was 130,000, as shown by the records, and this year it is believed 250,000 will visit Oklahoma City and see the biggest and best state fair and exposition in history. It is the plan of the managers this year to make up a program that will make every day a "big day." As a rule, the average person does not like to attend the fair on the biggest day because the opportunity of seeing all there is to be seen is not as good on such days as on days when the attendance is not so large. The grounds of the Oklahoma State Fair and Exposition, however, comprise 160 acres and there is not the danger of overcrowding that is frequently found at some of the other fairs. Even on the greatest days, there is ample room for all the exhibits to be shown to the best advantage, and the visitors have every opportunity to see what is going on without being crushed. Extensive grounds and roomy buildings, some 60 odd in number, make this possible. Premiums amounting to \$50,758 in cash are offered this year and the amusement program will be the most expensive in the history of the big show, which has earned the title of "The Fair of Progress." The speed department calls for an expenditure of \$21,700, and there will be music all the time and everywhere. Daily monoplane flights, the Wort-ham and Allen United Shows, seven of the best known feature acts, the horse races, hippodrome, harness and running races, and hundreds of other big events are some of the things to be seen at the big show this fall. The livestock show alone is one of the most valuable exhibits in connection with the Oklahoma State Fair and Exposition, which opens at Oklahoma City on September 24 and closes October 5, 1912. It would be hard to estimate the value of the livestock and other exhibits that will be seen this year, but indications are, according to all accounts, that the mammoth livestock parade this year will bring before the immense throng, horses, cattle, sheep and swine worth at least half a million dollars.

LATEST KANSAS MAP FREE

You can get one by writing the Farmers Mail and Breeze.

For the purpose of quickly securing new and renewal subscriptions to the great Kansas weekly, the Farmers Mail and Breeze, that paper has made arrangements to give away 5,000 of the latest official wall maps of Kansas and United States with the 1910 census complete.

This home, or office, library wall map is now the latest and best map of Kansas and United States to be had at any price. It is 28x36 inches in size, splendidly colored with beautiful half tones on the heaviest enamel paper. It shows the newest railroads and every postoffice and contains a complete index of the population of every city or town in the State.

There are, in addition, many other new and valuable features included in this chart. All of them copyrighted and controlled exclusively by Arthur Capper.

We are making a special offer on this wonderful wall map as follows: Send \$1.00 for one year's subscription, new or renewal, to the Farmers Mail and Breeze and one of the valuable 1910 census wall maps is yours. Or if you are already a paid in advance subscriber to the Farmers Mail and Breeze, secure the subscription of a friend who is not now receiving the paper and send it to us with fifteen cents extra to pay cost of mailing, and we will send two wall maps; one to your friend and also one to you for securing the subscription. Address at once, Map Dept., Farmers Mail and Breeze, Topeka, Kansas

The Whole Truth.

"Is there anything you can do better than any one else?"

"Yes," replied the small boy. "I can read my own writin'."—London Tit-Bits.

KANSAS STATE FAIR

Topeka, Sept. 9-13

FIVE WHOLE DAYS—BIG FAIR

Wonderful Display

Live Stock Agriculture Machinery

Every Day Harness and Running Races

Grand Free Attractions

4 Band Concerts Daily 50 People

Cheyenne Frontier Days

in front of the Grand Stand each night with

Paine's gorgeous spectacular fireworks

and band concert

Something doing of interest every minute

Get The Habit of Comin'

T.A. BORMAN, Pres. H.L. COOK, Secy.

The FREEMAN AN ENSILAGE CUTTER THAT **CUTS**
Cleaner and Faster on Less Power
Keeps the workmen humming. Traveling force feed table—handles biggest bundles with ease. Most simply constructed, most durable. Large feed rolls, adjustable knives, safety fly wheel, safety stop lever, can be brought to a standstill instantly. Write Today for Our Free Book: Illustrates and describes our complete line of ensilage machinery—shows all sizes Freeman Feed Cutters, from cheapest hand cutter up. This book will save you money.

Enclosed Steel Carrier
Fills Silos Fast—no scattering, no waste—single chain, runs light and true. Easily taken apart, easily moved. Fine for individual silos or job work.

The S. Freeman & Sons Co.,
215 Michigan St.,
RACINE, WISCONSIN.



Heap Up Your Profits With a Thornburgh Buncher

MODERN METHODS and up-to-date machinery are necessary now-a-days to get the most profits from your farm. If you are still harvesting your alfalfa, clover or other crops by the old rake and tedder method, you are losing seed and leaves—real money. With a

THORNBURGH SIDE DELIVERY BUNCHER AND WINDROWER

attached to your mowing machine, you will cut and lay your crop in loose, hollow bunches or windrows at one operation. No raking or tedding is required. It can be attached to any mowing machine and saves its cost every full day used. Write to-day for catalogue, giving name of your implement dealer.

THE THORNBURGH MANUFACTURING CO.
Dept. P,
Bowling Green, Ohio.



BIRTHDAY POST CARDS FREE—Five very choice cards in beautiful colors; send 2c stamp for postage. Art Post Card Club, Dept. 14, Topeka, Kan.

Our Farmers' Cattle Knife
Free Knife

This Farmers' Cattle Knife is a beauty. It has one large scimitar, one spaying and one congress blade; Extra quality steel, double German Silver bolster and shield, brass lined, stag handle. This beautiful useful knife will be sent you FREE, postpaid, for securing only four 3-months subscriptions to the Mail and Breeze at the regular rate of 25 cents or we will send you our paper one year for \$1.10 and the knife free as premium. We guarantee the knife and will return your money if you are not satisfied. We know you will like it as we have given away hundreds and have never had a complaint. This illustration is one-half actual size. Write today.

MAIL AND BREEZE
Topeka, Kansas



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

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

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

PUREBRED STOCK SALES.

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

Percheron Horses.

Oct. 25—T. H. Well, Blairtown, Ia.

Cleveland Bay Horses.

Oct. 11—Thos. Murphy & Sons, Corbin, Kan.

Berkshire Hogs.

Aug. 22—Kenloch Farm, Kirksville, Mo.
Oct. 27—J. T. Bayer & Sons, Yates Center, Kan.

Poland China Hogs.

Sept. 3—S. P. Chiles, Jefferson, Kan.
Sept. 10—A. B. Campbell, Geary, Okla.
Sept. 26—J. H. Brown, Oskaloosa, Kan.
Oct. 8—J. D. Spangler, Sharon, Kan.
Oct. 8—T. J. Meisner, Sabetha, Kan.
Oct. 9—Herman Groninger & Sons, Bendena, Kan.
Oct. 11—Thos. Murphy & Sons, Corbin, Kan.
Oct. 15—H. C. Graner, Lancaster, Kan.
Oct. 16—Harry Wales, Peculiar, Mo.
Oct. 17—H. C. Lookabaugh, Watonga, Okla.
Oct. 18—W. E. Long, Meriden, Kan.
Oct. 19—Thos. F. Walker & Son, Alexandria, Neb.
Oct. 19—C. L. Branic, Hiawatha, Kan.
Oct. 22—Jno. W. Noll, Winchester, Kan.
Oct. 23—W. E. Epley, Diller, Neb.
Oct. 24—L. E. Kline, Zeandale, Kan.
Oct. 24—J. R. Mingle, Anthony, Kan.
Oct. 25—J. J. Hartman, Elmo, Kan.
Oct. 26—R. B. Davis, Hiawatha, Kan.
Nov. 1—Walter Hildwein, Fairview, Kan.
Nov. 1—Dr. Jno. Gildow & Sons, Jamesport, Mo.
Nov. 2—J. H. Hamilton & Son, Guide Rock, Neb.
Nov. 9—A. C. Lobough, Washington, Kan.
Nov. 13—Herman Groninger & Sons, Bendena, Kan.
Nov. 15—W. M. Watt & Sons, Green City, Mo.
Jan. 30—C. W. Jones, Solomon, Kan.
Feb. 15—L. E. Holmes, Bloomington, Neb.
Feb. 15—Thos. F. Walker & Son, Alexandria, Neb.
Feb. 18—J. H. Harter, Westmoreland, Kan.
Feb. 22—C. C. Ingram, Bloomington, Neb.

Duroc-Jersey Hogs.

Aug. 26—G. V. Bush, Marshall, Mo.
Aug. 31—J. R. Blackshire, Elmdale, Kan.
Sept. 4—W. R. Huston, Americus, Kan.
Oct. 17—Moser & Fitzwater, Goff, Kan.
Oct. 18—H. B. Miner, Le Rock, Neb.
Oct. 22—P. H. Pagett, Beloit, Kan.
Oct. 26—E. M. Myers, Burr Oak, Kan.
Oct. 29—W. W. Bales & Sons, Manhattan, Kan.
Oct. 30—Thompson Bros., Garrison, Kan.
Oct. 31—Philip Albrecht & Son, Athol, Kan.
Nov. 12—Lant Bros., Dennis, Kan.
Nov. 13—Sam'l Drybread, Elk City, Kan.
Nov. 14—W. W. Otey & Sons, Winfield, Kan.
Jan. 8—Munsell & Isenberg, Herington, Kan.
Jan. 15—H. B. Miner, Guide Rock, Neb.
Jan. 16—F. C. Crocker, Filley, Neb.
Jan. 22—Thompson Bros., Garrison, Kan.
Jan. 25—Glenn Keesecker, Washington, Kan.
Jan. 29—W. E. Monasmith, Formoso, Kan.
Feb. 4—J. O. Hunt, Marysville, Kan.
Feb. 5—Samuelson Bros., Cleburne, Kan.
Feb. 6—Samuelson Bros., Blaine, Kan.
Feb. 7—A. T. Cross, Guide Rock, Neb.
Feb. 8—Geo. E. Garrett, Bloomington, Neb.
Feb. 11—H. H. Shaw, Hebron, Neb.
Feb. 20—Geo. W. Schwab, Clay Center, Neb.
Feb. 22—Geo. P. Philippi, Lebanon, Kan., at Esbon, Kan.

O. I. C. Swine.

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

Hampshire Hogs.

Nov. 14—D. H. De Kalb, Ia.

Shorthorns.

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

Aberdeen Angus.

Oct. 23—W. F. Eckles, Green City, Mo.

Holstein Cattle.

Sept. 18—S. E. Ross, Creston, Ia.

Kansas and Oklahoma.

BY A. B. HUNTER.

R. C. Watson's Durocs.

R. C. Watson, Altoona, Kan., is offering 11 boars, weighing 125 pounds to 175 pounds, sired by E. & C's Col. R. C's Buddy and Buddy's Bud. They are good boars and priced worth the money.

Jones Brothers' Herefords.

Jones Brothers, Council Grove, Kan., will be out to meet their friends at the shows

with a stronger show herd than ever. Their show herd is especially strong in the younger classes. Their junior yearling bull, Bean Simpson, will be one of the strongest out this year and the young heifer, Sulley, that was junior champion as a senior calf last year at Topeka State Fair will go back this year showing better than ever.

Bred Duroc Gilts for Sale.

Marshall Bros., Burden, Kan., are offering at private treaty 40 head of choice yearling Duroc-Jersey gilts bred for early fall farrow. They are the cream of 200 head of last year's raising. They carry the blood of Kant Be Beat, Mc's Pride, Mo. Wonder, King Wonder V, Vernon Lad, II



"Evening at Edgewood." Group of O. I. C. sows and pigs owned by Henry Murr, Tonganoxie, Kan. The kind that develop into 264-pound pigs at 200 days old.

Climax, St. Paul, Corrector C, Oom Paul II, and Advance Commodore. They are now safe in pig to Klondike by Good E. Nuff, King Wonder B by King B and M's Chief by Belle's Chief, one of the best breeding sons of Ohio Chief. The writer has just recently visited his herd and can recommend Marshall Bros. to anybody who wishes good Duroc breeding stock. These gilts are good enough for anybody and can be bought worth the money asked. Note—Ads in this issue.

Perfection Stock Farm Sale.

Geo. M. Clasen, Union City, Okla., has taken his brother into business with him and after September 1 their big Duroc-Jersey business will be conducted under the name of Clasen Bros. On September 4 this



THE CLASEN BROS.

firm will hold a public sale in which they will sell 100 head, including tried sows with litters at foot, sows bred for early October litters, fall gilts and spring pigs—both boars and gilts. Write Clasen Bros. for particulars and mention Farmers Mail and Breeze.

Kansas and Nebraska.

BY J. W. JOHNSON

C. W. Alvey, Jewell City, Kan., is offering for sale choice Berkshires of the best of breeding. Fall gilts bred or open and a few tried sows. Also some young boars ready for service soon.

S. B. Amcoats, Clay Center, Kan., is offering for sale some choice Shorthorn cows and heifers and 40 big growthy March and April Poland China boars and gilts. Everything at private sale.

J. Lee Dunn, Russell, Kan., is offering 50 pigs for sale at attractive prices. Mr. Dunn breeds Duroc-Jerseys and his ad can be found in Farmers Mail and Breeze the year round. Write him for prices which will be attractive.

L. M. Noffsinger, Osborne, Kan., has some Shorthorn bulls for sale ranging in ages from 12 to 20 months. They are Scotch tops, roans and reds. Mr. Noffsinger is one of the recognized Shorthorn breeders of north central Kansas and his herd is one of the best in the state.

Andrew Kosar, Glasco, Kan., is a breeder of O. I. C. hogs that has a record of giving the best of satisfaction wherever he has shipped his stock. He has something for sale all the time and if you are in the market for anything in the O. I. C. line you better write him at once.

C. O. Anderson, Manhattan, Kan., is offering Duroc-Jersey pigs of spring and early summer farrow at attractive prices. They are from prize winning stock and will be shipped in light crates and the express will be much less than when they are older. Write him for prices.

W. E. Monasmith, Formoso, Kan., will sell his spring boars at private sale and all of the best gilts will be reserved for his bred sow sale January 29. "Bonney K." and "Kansas Special" are two of the best known and most popular sires of northern Kansas.

The sows in the bred sow sale will be bred to these great boars. If you want a young boar at a fair price write W. E. Monasmith, Formoso, Kan.

H. H. Shaw, Hebron, Neb., is offering for sale 30 sows and gilts bred for August and September farrow. Also a choice lot of March and April boars. Mr. Shaw is a well known breeder of Duroc-Jerseys and has one of the good herds of Nebraska. Look up his ad in this issue.

Crimson Wonder and Ohio Chief blood lines predominate in P. C. Garrett's herd of Duroc-Jerseys at Bloomington, Neb. He is offering some choice young boars of spring farrow and a few fall boars for sale at attractive prices. Every pig guaranteed as represented.

L. R. Brady, Manhattan, Kan., is in the race for the legislature from Riley county. Mr. Brady has been a resident of Kansas and Riley county almost all his life and is probably the best known fine stock auctioneer in the West, having made sales for prominent breeders all over Kansas and in every state that joins her and then some. Mr. Brady's candidacy will not interfere with his auction business and he is dating



"Evening at Edgewood." Group of O. I. C. sows and pigs owned by Henry Murr, Tonganoxie, Kan. The kind that develop into 264-pound pigs at 200 days old.

sales right along. If you need his services write him for a date at once.

"Little Oak" Duroc-Jersey spring boars for sale but all the gilts reserved for bred sow sale February 22 is the news from Geo. P. Philippi, Lebanon, Kan. His ad starts in this issue in which he is offering spring boars for sale of the best of breeding and all have been carefully handled for good results.

A. T. Cross, Guide Rock, Neb., is offering for sale at private treaty the choice of his spring boars. They were sired by Prince Wonder 2d (one of the most popular boars of the breed), Col. C, and one or two others. These boars are from a string of brood sows that are as good as will be found in the West anywhere. All of the best gilts will be reserved for his bred sow sale February 7.

W. E. Epley, Diller, Neb., is a Poland China breeder that is forging steadily to the front in the business. He has estab-

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. The Farmers Mail and Breeze has given us good results and is one of the best papers that we have ever had an occasion to draw a contract with. MANSFIELD LAND COMPANY, Dealers in Real Estate, Ottawa, Kan., July 5, 1912.

Farmers Mail and Breeze, Topeka, Kan. I am receiving inquiries and orders all the time. The Farmers Mail and Breeze sure does the work.

R. C. WATSON, Breeder of Duroc-Jersey Hogs, Altoona, Kan., July 30, 1912.

Every week for years Farmers Mail and Breeze has printed voluntary letters from its advertisers and different letters are printed every week.

40 Bred Duroc Jersey Gilts AT PRIVATE TREATY

Large and growthy yearlings, richly bred. A few tried sows. They are the large, stretchy, broody kind and due to farrow soon.

TO SEE THEM IS TO WANT THEM.

First come, first served. These hogs are priced to sell. If impossible to call and inspect herd write or phone for particulars.

MARSHALL BROS.
BURDEN, KANSAS.

LIVESTOCK AUCTIONEERS.

COL. HOMER BOLES, Randolph, Kan.
Livestock and General Auctioneer.

L. R. BRADY, Livestock Auctioneer
Manhattan, Kan. Write or wire for dates.

SAM W. KIDD, Live Stock Auctioneer
Kansas City, Mo.
My price out in two. Any sale \$25.

COL. S. B. YOUNG, Osborne, Kan.
Livestock Auctioneer. Write for dates.

W. C. Currencey, Salina, Kan.
Livestock Auctioneer. Phone for dates.

Col. D. F. Perkins, Concordia, Kan.
Up-to-date methods in the Auction business. Purebred stock sales and big sales generally. Write for dates.

Col. C. W. Smith, Livestock Auctioneer
and Prop. of Smith's Sale Pavilion, Fairbury, Neb.
Special service to breeders. C. W. SMITH, FAIRBURY, NEB.

Lafe Burger, Live Stock and Real Estate Auctioneer
Wellington, Kan.

Col. N. S. HOYT, Mankato, Kansas,
Livestock Auctioneer. Big Horses and other Stock Sales a specialty. Terms reasonable. Special service to breeders.

Chas. E. Reeble, Emporia, Kan.
Pure Bred Live Stock and Real Estate Auctioneer. Speaks German. Write or wire for dates.

JOHN D. SNYDER, HUTCHINSON, KAN.
Auctioneer
Pedigreed Live Stock a Specialty.

T. E. GORDON, WATERVILLE, KANS.
Livestock and Real Estate Auctioneer.
WRITE FOR DATES.

JAS. W. SPARKS, Live Stock Auctioneer
MARSHALL, MO.

Col. J. R. LOYD, ATHOL, KANSAS.
LIVESTOCK AUCTIONEER.
Write for terms and dates, and reference.

COL. FRANK REGAN, ESBO, KANSAS.
Livestock Auctioneer. Write for open dates.

W. H. Trosper, Auctioneer
Livestock and Farm Sales my Specialty.
FRANKFORD, KAN. Write for Dates.

COL. RAY PAGE, FRIEND, NEB.
Livestock Auctioneer. Write for Dates.

FRANK J. ZAUN, FINE STOCK AUCTIONEER
Independence, Mo.
Bell Phone 678 Indp.
"GET ZAUN. HE KNOWS HOW."

Col. Oscar H. Boatman, Irving, Kansas
Livestock Auctioneer
Graduate American Auction School
Write for Dates

Bergner & Sons' Coach Horses

65 HEAD **65 HEAD**
What do you know about the Coach Horse? Do you want to know more about the Coach Horse?

German Coach Horses

are the best general purpose horse for the farmer. They have size, beauty, action, endurance and intelligence and mature early. They stand gracefully both hardships of usage and climate. Many a farmer does not know what a great farm horse the coach horse really is. Let us tell you more about him and you will want him. We are offering young stallions and fillies, also mares in foal to the imported Oldenburg Coach Stallion Mephisto 4221. Call on or write, J. C. Bergner & Sons, "Waldock Ranch," Pratt, Kan.

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

Belgian and Percheron Stallions and Mares

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

POLLED DURHAMS.

Polled Durham Bulls
Six well bred young bulls and a limited number of cows and heifers for sale.
C. M. HOWARD, HAMMOND, KANSAS.

Woods Polled Durhams

Roan Hero Bulls and Heifers for Sale. Three bulls from 12 to 22 months old, a Mina, a Brawith Bud and a Necklace, two roans and a white of top quality and ready for service. Also a few choice yearling and two-year-old heifers. These will be priced right for quick sale. Come and see or write C. J. WOODS, CHILES, KANSAS.

lished a type and is breeding to it and every sow you see him buy conforms to that type. He is a careful and painstaking breeder and deserves to succeed. He is offering for sale a choice lot of March and April boars sired by prominent big type boars of southern Nebraska.

L. E. Holmes, Bloomington, Neb., is a breeder of big type Poland Chinas whose advertisement appears in this issue. He will price big growthy spring boars for sale at attractive prices. All of his choice gilts he is reserving for his bred sow sale February 15. Write him for prices on choice big type boars.

D. O. Bancroft, Osborne, Kan., makes no public sales but offers the best he raises for sale at private treaty through the columns of Farmers Mail and Breeze. He has been doing this for five years and has built up a fine mail order business. Most of his pigs go to Kansas and Oklahoma but he ships to other states. Look up his ad in this issue and write him your wants.

Geo. W. Schwab, Clay Center, Neb., is an extensive breeder of Duroc-Jerseys whose advertisement appears regularly in Farmers Mail and Breeze. He is offering at present choice spring boars, spring gilts, fall boars and gilts and bred sows. If you need a boar you better look up his advertisement in this issue and write him at once.

Joseph M. Baier, Elmo, Kan., is offering bred sows at private sale and choice spring boars and gilts of March and April farrow. The sows are bred to his herd boars, some of them to old Tom Lipton. Also some to Welcomer. The boars and gilts are out of these boars. Look up his advertisement in this issue and write him for prices and descriptions.

C. W. Jones, Solomon, Kan., is a breeder of big type Poland Chinas and his herd is up to date in every particular. He has recently issued a private sale catalog which he will send you free if you will send him your name and address. The little book is very interesting and contains the breeding and prices on animals for sale from one of the very strongest herds of big type Poland Chinas in the state. Look up his ad in this issue of Farmers Mail and Breeze.

Tatarax Sows and Gilts.

W. W. Bales & Sons, Manhattan, Kan., are breeders of Duroc-Jerseys and their advertisement is appearing every week in Farmers Mail and Breeze. They are offering some choice March and April boars sired by old Tatarax, G. M.'s Col., and Carl's Critic. They were formerly associated with Geo. M. Hammond in the business and in the division they reserved a choice lot of Tatarax sows and a number bred to him. Their farm joins the Agricultural college and visitors are always welcome. Look up their ad and write them about a boar.

Prolific Herd of Sows.

Howard R. Ames, Maple Hill, Kan., is a breeder of Poland Chinas who is starting his advertisement in this issue of Farmers Mail and Breeze. Mr. Ames is a careful and painstaking breeder and will offer his crop of spring pigs at private sale. Fifteen sows farrowed 91 pigs this spring but owing to the bad conditions he was unable to save

all of them. His sows are a prolific lot as will be seen by this record. Most all of the spring pigs were sired by a son of Mogul's Monarch, J. H. Harter's well known herd boar. The pigs he is offering for sale this season are the actual tops of his season's crop and are the best he has ever raised. Write him, mentioning his advertisement which appears in another place in this issue of Farmers Mail and Breeze.

A Prominent Herd of Polands.

One day last week, the writer in company with L. R. Brady of Manhattan, Kan., visited L. E. Klein, Zeandale, Kan. We doubt very much if there is another Poland China breeder in Kansas that has made the advancement in the business that Mr. Klein has made during the last year. His herd is not a large one but it is as classy as you will find. His herd sows are a choice lot and were they in show condition would compare favorably with the sows that are seen at the fairs. His crop of spring pigs is not large in number but are a big stretchy lot of boars and gilts that are a credit to Mr. Klein. Most of them are by Toulon Prince by Victor X. L. Jr. by Victor X. L., the noted champion boar at St. Louis. His new herd boar was bought last season and was bred by a prominent Iowa breeder. He was sired by Chief Price Again, by Chief Price. L. E. Klein is a young man that is anxious to push his herd to the front and can be depended on to do everything that is legitimate to accomplish it. If you need a boar write him at once and let him describe his boars to you and make you a price on them. Mention Farmers Mail and Breeze when writing.

Richly Bred Jersey Cattle.

In this issue of Farmers Mail and Breeze Smith & Roberts of Beatrice, Neb., are starting their advertisement in which they are offering 30 young Jersey cows and yearling heifers and a few young bulls. This herd of Jersey cattle is known all over the country as one of the strong herds of the breed. It is located on an ideal dairy farm joining Beatrice on the west and numbers around 100 head. It has been in existence a good many years and neither money or time has been spared in its improvement from year to year. The show record held by this herd is one of which this firm has a right to be very proud. They won 79 firsts and champion ribbons last fall with their show herd at the state fairs of Iowa, Kansas, Nebraska, Missouri, and the National dairy cattle congress at Waterloo, Iowa. This was more than all the other Jersey herds combined won at the same shows. This herd of Jersey cattle has been shown at the leading western fairs for the past 12 years and has won over 800 prizes. The heifers they are offering are out of the cows that have produced from 400 to 700 pounds of butter in a year and are sired by either Stockwell Fern Lad (their imported show bull whose sire sold at auction for \$11,500) or by Oxford Warbler, a grandson of the two great Island butter bulls, Warbler and Gambo's Knight. Oxford Warbler has been shown at the state fairs of Iowa, Illinois, Nebraska, Kansas, Missouri and Wisconsin and at the national dairy cattle shows at Chicago and Waterloo, Iowa. At these shows he was the undefeated calf of 1909, the undefeated yearling of 1910 and the

undefeated 2-year-old of 1911. Messrs. Smith & Roberts especially invite everyone interested in Jerseys to be sure and inspect the get of this great bull at the fairs mentioned above this fall. Those who attend the Kansas State Fair at Topeka should remember to call for Mr. Smith at the dairy department and let him show you specimens from this great herd. If you are in the market for cows or heifers or a young bull write this firm at once. Look up their advertisement in Farmers Mail and Breeze.

Kansas, Missouri and Iowa.

BY C. H. WALKER.

Noll's Polands Doing Well.

A recent letter from Jno. W. Noll, Winchester, Kan., reports his big type Poland Chinas coming along in fine shape. Mr. Noll will sell a select draft from his herd on October 22 and he writes that the offering is developing into a great lot. He will put in about 50 or 55 head, something like 30 boars and 20 sows. He says: "I have some outstanding herd boar prospects. I have the best I have seen this season and the fieldmen say they are the best in Kansas or fully as good." Mr. Noll has one of the state's top herds and his offering for his fall sale will undoubtedly be one of the best of the year. Write him per his advertisement elsewhere in this issue and get your name on his catalog list.

Dooley's Big Spotted Polands.

Edgar Dooley, Etterville, Mo., proprietor of the Etterville Breeding Farm, writes that his big spotted Poland Chinas are coming along in nice shape. "I have about 50 head," he writes, "and these will be sold privately as I will not hold a fall sale. My pigs have the bone, length and spots and what I have shipped have given good satisfaction. I had good luck with my sows

ABERDEEN-ANGUS.

RIDGE PRAIRIE ABERDEEN ANGUS. Batger Heatherton 8d 118104, a choicest bred Heatherblooms, in service. The best families represented. A few choice cows, bred, and open heifers for sale. Prices right, satisfaction guaranteed.

W. G. DENTON, DENTON, KANSAS.

Sutton Farm Angus

For sale, our entire crop of 1911 spring bulls, individually or in carloads: great, well grown, lusty fellows, sired by the best of herd bulls. Bulls from this herd sire winning steers in Chicago, Denver, Fort Worth and Kansas City shows annually. Also 20 head imported and Canadian bred Shropshire sheep, and selections from a large and high class herd of Berkshire hogs.

SUTTON FARMS, LAWRENCE, KANSAS.

HEREFORDS.

MATHEWS' REGISTERED HEREFORDS

For sale, 8 long yearling bulls; 30 yearling heifers, also cows with calves by side—extra good cattle, strong in Anxiety 4th blood.

FRED MATHEWS & SONS, Kinsley, Kan.

Modern Herefords

ROBT. H. HAZLETT

Hazford Place

Eldorado, Kansas

SHROPSHIRE RAMS--

PIONEER BREEDERS and IMPORTERS.

Established 1853.

REGISTERED YEARLINGS and 2-YEAR-OLDS

from home-bred and imported dams. Carload of 4-year-old ewes, A. No. 1 quality, at farmers' prices. Satisfaction guaranteed. DAN'L LEONARD & SONS, Corning, Ia.

Herd Established Over 25 Years

Evergreen Crest Galloways

Over 1,300 acres devoted to purebred Galloways, sheep and horses. Flagstaff 29205 and Sally's Othello 33696, both sired by Imp. champion bulls, in service. Five top yearling bulls for sale. Inspection of herd invited. J. & W. R. Clelland, New Hampton, Mo.

H. S. DUNCAN,
Live Stock Auctioneer,
Clearfield, Ia.

R. L. HARRIMAN,
Live Stock Auctioneer,
Bunceton, Mo.

ALSO INSTRUCTORS IN THE

MISSOURI AUCTION SCHOOL

Largest in the world and only school where students are given actual practice in sale of all kinds of property and have an opportunity to see the largest mule in the world.

TERMS OPEN Aug. 5, at Tronton, Mo., and Oct. 7 at 14th and Grand Ave., Kansas City.
W. B. Carpenter, President, Real Estate and Live Stock Auctioneer

J. T. Bayer & Sons' Dispersion Sale Berkshires and Shorthorns

30 Shorthorns 30

including

20 Excellent Cows and a line of Choice Young Bulls and Heifers.

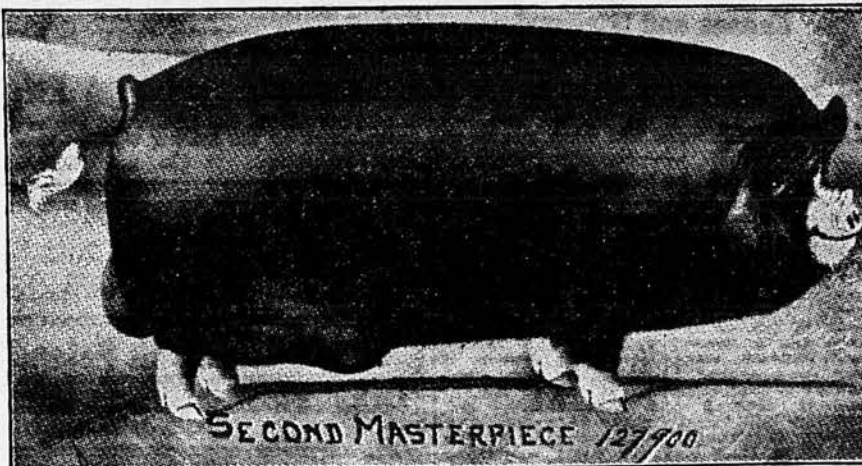
All females old enough have calves at foot or bred to

Inglelynie 135022

a grand champion prize winning bull, sired by

Imported Collynie

All in fine condition.



Second Masterpiece, Berkshire boar, owned by J. T. Bayer & Sons, sired by Ideal Masterpiece, one of the greatest sons of Masterpiece; dam, Royal Empress 150th by Black Robinhood. Second Masterpiece is the sire of a good part of the young boars and gilts in the dispersion sale, and most all of the tried sows that will be offered are bred to this boar for fall litters. Second Masterpiece has the distinction of being a grandson of both Masterpiece and Black Robinhood, two of the greatest sires of the breed.

75 Berkshires 75

including

40 selected Sows and 35 Choice Gilts and Boars Sired by

Second Masterpiece

B. D.'s Centerpiece

Lee's Masterpiece

and

Field Marshall

Second Masterpiece

the herd boar will be sold, and most of the tried sows are bred to this great sire.

Yates Center, Kan., Tuesday, Aug. 27

The sale will be held at our Farm, 8 miles southeast of Yates Center. Free entertainment and transportation from town to visitors. You are invited and urged to come early. ILLUSTRATED CATALOGUES. Mail Bids should be entrusted to Geo. W. Berry of Farmers Mail and Breeze, Topeka, Kan. (After Aug. 20th, in our care, Yates Center, Kans.). Auctioneers: Col. Duncan, Col. Mills, Col. McClasky, Col. Sheets.

J. T. BAYER & SONS, Yates Center, Kan.

Fieldman: Geo. W. Berry, Farmers Mail and Breeze.

SHORTHORNS.

Milk and Beef Combination. Horace Shorthorn Trade. My pigs are sired by Eterville Chief, Budweiser, Brandywine, Improving and Billy Sunday. They are all good and will please the people who want the good old spotted kind. Write Mr. Dooley, per his advertisement elsewhere for prices.

JOHNSON'S Shorthorns 50 HEAD including 6 good young bulls. Also young jacks. Farmers prices. T. F. JOHNSON, GARFIELD, KANSAS

SHORTHORN CATTLE POLAND CHINA SWINE and CLEVELAND BAY HORSES. All stock pedigreed. Prices reasonable. Thos. B. Murphy & Sons, Corbin, Ks.

Valley View Shorthorn Cattle 25 cows and heifers bred to Orange Major 264704, 10 bulls of different ages sired by Major of Valley View 266325. Prices right. Breeding and individuals right. Address ADAM H. ANDREW, GIRARD, KANSAS.

True Coods 337574 by Fair Goods, dam Rosie 11th by Standard Bearer, second dam Imp. Rosie 17th by Scottish Victor, heads my herd of carefully selected Scotch cows. Young stock for sale. T. J. BLAKE, HIAWATHA, KANSAS.

SHORTHORNS 8 bulls from 12 to 18 months. Roans and reds. Scotch Tops. Address, L. M. NOFFSINGER, OSBORNE, KAN.

Shorthorns-Poland Chinas Choice cows and heifers for sale and 40 spring pigs of both sexes. Big stretchy kind. S. B. AMCOATS, CLAY CENTER, KANSAS.

Lookabaugh's Shorthorns Violet Search by Searchlight at head of herd. Breeding stock, both sex. Prize winners and descendants of prize winners. Write your wants. H. C. Lookabaugh, WATONGA, OKLAHOMA

Pearl Herd of Shorthorns I have a select bunch of young bulls from six to 20 months old, well bred, well grown and the making of good useful animals. They are both reds and roans. Can ship via C. R. I. & P., A. T. & S. F., U. P., and Mo. Pac. Address C. W. TAYLOR R. R. No. 2, Enterprise, Kan.

DAIRY CATTLE. **HOLSTEINS** —CHOICE BULL CALVES. H. B. COWLES, TOPEKA, KANSAS.

Dutch Belted and Holstein male and female calves for sale from exceptionally good milkers. Springdale Stock Ranch, Concordia, Kan.

LINSCOTT JERSEYS Only registered herd of merit in Kansas. A grand son of Golden Fern's Lad—bred for butter—and 20 cows and heifers for sale at moderate prices. R. J. LINSCOTT, HOLTON, KANSAS

Holstein-Friesian Bulls For sale—choice young bulls, sired by Pieterje Hengerveld Nannette, first prize bull 3 state fairs, 1911, from producing cows. Exceptionally fine markings. W. C. Jones, Rural 2, Topeka, Kan.

Jersey Cows and Heifers We have for sale 30 head of young cows and yearling heifers. Also a few young bulls. See our herd at either the Iowa, Kansas, Nebraska, or Missouri State Fairs. SMITH & ROBERTS, BEATRICE, NEBR.

Choice Jersey Bulls I am offering a few young bulls, sons of Oxford's Masterpiece, a son of Oxford Lad; Oxford's Brigadier, a son of Gamboge Knight; Merry Maiden's Golden Lad, a son of Merry Maiden's 3d Son; and Burybla's Exile. I have but a few of these calves that are ready for service. Will sell them reasonably while they last. Write for prices and particulars. W. N. BANKS, INDEPENDENCE, KANSAS.

GALLOWAYS. G. E. CLARK. W. W. DUNHAM. CAPITAL VIEW GALLOWAYS. 12 Miles West of Topeka. A choice lot of bulls 10 to 20 months old, by Imported and American bred sires. They will please you. Address CAPITAL VIEW RANCH, Silver Lake, Kan.

Fort Larned Herd 40 REGISTERED BULLS. 20 GALLOWAYS and 20 RED POLLS. 10 to 20 months old. Priced to sell. E. E. FRIZELL, LARNED, KANSAS

RED POLLED CATTLE. **Foster's Red Polls** Write for prices on breeding stock. C. E. FOSTER, R. R. 4, El Dorado, Kansas **RED POLLED BULLS** and heifers by Actor 7781 and Launfal 13221. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Pigs. Write or come. CHAS. MORRISON & SON, Phillipsburg, Kan.

farrowing in June and July. Hogs are advancing on the market and if we get good rains and good crops for a good feed, Chief, Budweiser, Brandywine, Improving and Billy Sunday. They are all good and will please the people who want the good old spotted kind. Write Mr. Dooley, per his advertisement elsewhere for prices.

Prize Winning Duroc-Jerseys. Chas. L. Taylor of Olean, Mo., one of the state's leading Duroc-Jersey breeders, writes that his show herd is coming along in great shape and that all the entries he is fitting give good promise. Mr. Taylor will show at Sedalia and Kansas City. Last year he showed the great sow Queen Ester that won first in class at the Great Missouri fair. He writes that the litter out of this sow is doing nicely and will be ready to ship in a short while. The spring pigs in this herd are of the best and those in the market for a good herd header will consult their own interests by writing for full description and prices of Mr. Taylor's stock. Kindly write him per advertisement and mention this paper.

Neef's C. I. C's. We call attention to the change of copy in the advertising of Jno. H. Neef's O. I. C's which appears in this issue. Mr. Neef, proprietor of the Riverside Farms, Boonville, Mo., one of the leading O. I. C. breeding establishments of the West, is in a position to supply the trade with reason of the high quality pigs he produces, with the very best. A recent letter, which we print herewith in part gives an idea of how his stock is doing and what he has for sale. "My herd is coming along in fine shape and my spring pigs are doing extra well. Also my winter gilts. The winter boars are not in as good flesh as I would like them, but they are large husky fellows and ready for service. I would like for you to especially emphasize on the September gilts by O. K. Perfection by O. K. Winner which are bred for September farrow. Also seven tried sows bred for that time. I also have for sale six winter boars and 13 winter gilts either bred or open. The spring pigs of which 75 are ready are good and will please. Can furnish pairs and trios not akin." The Neef O. I. C's represent the very cream of the breed and are in demand by breeders and farmers in all parts of the country. They are the big type with heavy bone and early maturing qualities. Note the change of copy and write him for prices and particulars. Quality and breeding considered his prices are very reasonable. Kindly mention this paper when writing.

264-Pound Pigs at 200 Days. We call special attention to the card announcement this week of Henry Murr, of Tonganoxie, Kan. Mr. Murr has one of the good herds of O. I. C. swine in the West and has some good hogs to sell. See his card. Writing of this herd and the business Mr. Murr says: "Our herd boar is Vale's Murr 2002, bred by B. M. Boyer & Sons, Farmington, Ia. The sows are in pig by him and we have some of his pigs, also have a fine lot of pigs by Silver Goods 728 and O. K. Longfellow 2023, by O. K. Winner and a fancy litter by White Rover 2013. These pigs are out of large mature sows or big strong growthy gilts and are growing and doing fine and are ready for buyers who are satisfied with nothing but the very best individuals of the best breed on earth. We have sold entire litters of this breed, on the market, that averaged 264 pounds at 200 days of age and an entire crop that averaged over 240 pounds at 7 months. We have sold as many as three boars to one man as fast as he needed a new boar and as far as I know I have never disappointed a mail order buyer. Here is a sample of some letters I have on file. 'Thayer, Mo., April 24, 1912.—Mr. Henry Murr, Tonganoxie, Kan. Dear Sir: The pig arrived at Thayer on Wednesday all O. K. and is even better than I expected. Yours respectfully.—A. L. C. 'St. Paul, Ark.—Mr. Murr, Tonganoxie, Kan. Dear Sir: The pigs came on in good condition after the long trip. I thank you for shipping such good ones. Respectfully.—L. B. (Names furnished on request.)'

Kansas and Missouri GEO. W. BERRY.

C. W. Weisenbaum, Altamont, Kan., sends in change of copy for his advertisement this week. Look it up. In the livestock section, he may have just what you want.

Kinloch Berkshire Sale. Attention is directed to the sale of 200 head of registered Berkshires announced in this issue of Farmers Mail and Breeze. The proprietors of Kinloch Farm, Dr. C. E. Still and Dr. George Laughlin have extensive professional duties on account of which they have decided to dispose of all their stock. The herd of Berkshires includes many of the noted boars and sows of this breed and is headed by great boar Rival's Lord Premier, whose equal has seldom, if ever, been offered at public auction. The number of Berkshires to be sold on August 22nd is unusual and extraordinary, and doubtless will include many bargains. The offering is strongly representative of the best blood lines and the most celebrated sires. Catalogs will be mailed to all sufficiently interested to apply. Those who can not attend the sale can intrust their orders to Geo. W. Berry of Farmers Mail and Breeze, Topeka, Kan. (after August 15 in care of Kinloch Farm, Kirksdale, Mo.).

Bayers' Dispersal August 27. J. T. Bayer & Sons, Yates Center, Kan., announce one of the most important sales of the year, the dispersal of their herds of Shorthorn cattle and Berkshire hogs, to be held at their farm on Tuesday, August 27. The Shorthorns comprise 30 head of choice cattle of excellent breeding. The herd is headed by Ingelynie, a pure Scotch bull by Imp. Collynie. Ingelynie has the distinction of being the grand champion bull at the Yates Center stock show which is one of the three largest cattle shows in Kansas. A number of the cows and heifers are prize winners, including Winsome Jane 3rd, the grand champion cow at Yates Center in 1911. A feature of the Shorthorn offering will be the fine lot of calves. The cattle will be offered in extra condition and buyers will not be disappointed with their individuality on seeing the offering. The Bayer herd of Berkshires is headed by

HAMPSHIRE.

Registered Hampshire Hogs Either sex, all ages. W. C. STENZEL, ELMDALE, KANSAS

Wittorff's Hampshires Best blood lines, bred sows and gilts, spring pigs, pairs and trios unrelated. Descriptions guaranteed. F. C. Wittorff, Medora, Kan.

Pure Bred Hampshires Inspect our herd or write for prices. Our motto is to please. ALVIN LONG, Lyons, Kansas.

REGISTERED HAMPSHIRE HOGS of various ages not akin; two registered and one grade Dutch Belt bulls, also 1 spotted Arab stallion. C. W. WEISENBAUM, ALTAMONT, KAN.

15 Yearlings and a few bred for August and September litters to Corrector 8913. Special prices if taken at once. Also Indian Runner Duck Eggs for sale. J. R. Lawson, Ravenwood, Mo.

Try The White Belts Cloverdale Farm offers a number of extra nice Hampshire boars for sale. T. W. Lavelock, Princeton, Kas.

WRITE J. F. PRICE, Medora, Kans. For prices on Pedigreed HAMPSHIRE HOGS. S. C. B. Leghorn eggs.

O. I. C. SWINE. **O. I. C. Pigs** \$10.00 EACH. Harry Haynes, Meriden, Kan.

EDGEWOOD O. I. C's, Choice spring boars and gilts, singly or mated, also bred gilts. HENRY MURR, TONGANOXIE, KANS.

HAVE YOUR IDEAS about the O. I. C. hogs been correct? Send for my circular telling all about it. R. W. Gage, Garnett, Kan.

O. I. C's.—the right kind. Bred right and fed right. Choice pigs for sale. W. P. DOOLITTLE, WOODLAND, MO.

STAR HERD O. I. C's. Breeding stock of various ages, either sex. Best breeding record in this herd. Write your wants. ANDREW KOSAR, GLASCO, KANSAS.

O. I. C. Pigs and bred gilts for sale. Also boars ready for service. Prices right. F. C. GOOKIN, Russell, Kan.

Burr Oak O. I. C. Hogs Farm..... 28 last September, October and November boars for sale. Best of backs, feet and lots of scale. Prices right. Charles H. Murray, Friend, Nebr.

RIVERSIDE FARMS O. I. C's. BOONVILLE, MO. I have for sale 12 September gilts by O. K. Perfection and 6 tried sows bred for Sept. farrow; 6 winter boars; 13 winter gilts, bred or open; one yearling boar by Mead's King and a choice lot of spring pigs of the best breeding. I have the easy feeding big kind. Write me your wants. JNO. H. NEEF, BOONVILLE, MISSOURI

POLAND CHINAS. **HILDWEIN'S BIG POLANDS** Herd headed by a great son of Expansive. Spring pigs by the leading big type sires of the day. Choice stock for sale and satisfaction guaranteed. Big sale Nov. 1. Walter Hildwein, Fairview, Kans.

Prairie Springs Big Type Poland Chinas. O. K. Lad 58098, the 1,000-pound son of Pawnee Lad, and Exalter's Wonder in service. Choice stock by the leading big-type sires for sale. Fall sale October 19. Come or write. C. L. BRANIC, Hiawatha, Kansas.

EXPANSIVE FALL BOARS FOR SALE! I still have a few extra choice fall boars by Expansive, August and September, 1911, farrow, weighing 300 pounds and better. These are extra good in every respect and are the last sired by this great boar. To see them is to buy. I guarantee satisfaction. Write or call. H. B. WALTER, EFFINGHAM, KANSAS

Gildow's Mammoth Poland Chinas Herd headed by the 1060 lb. grand champion, Pawnee Chief Hadley and Big Bill Taft. For sale 80 spring boars and gilts by the above named and other big type sires and several big stretchy spotted pigs by Big King and Brandywine Jr. All out of prolific big type sows. Also two herd boars and 25 fall gilts bred or open. If you want the big, smooth kind write us. Watch for our show herd. DR. JNO. GILDOW & SONS, JAMESPORT, MISSOURI

PFANDER'S KING 60262 by Long King, heads my herd of strictly big type sows including daughters of A Wonder, Long King, Columbia Chief, King Mastodon, etc. Only the best for sale. Fall sale October 22. JOHN W. NOLL, WINCHESTER, KANSAS.

ETTERVILLE BREEDING FARM Devoted to the raising of the old original Big Boned Spotted Poland Chinas. Spring pigs from five of the largest spotted boars on earth. Pairs or trios not akin. Hogs shipped anywhere on earth. They will please and are priced right. EDGAR DOOLEY, Owner, ETTERVILLE, MO.

Poland Chinas That Grow Big Booking orders now for spring pigs—boars and gilts—by A Wonder, the 1,200-pound boar and out of 700 and 800-pound sows, some extra fine prospects. Also pigs sired by Big Joe and out of A Wonder sows. These are great. Get your order in early. They are going fast. Pigs shipped about 3 months of age. Write for my private sale catalog. It is a history of my herd, including the great A Wonder and his get. HENRY FESSENMEYER, CLARINDA, IOWA

POLAND CHINAS.

NORMAN BLUE 177691 For sale. The greatest herd boar offer of the season. Let me tell you about this boar quick. W. E. Willey, Steele City, Neb.

NEBRASKA'S POLAND CHINAS. Spring boars for sale but best gilts reserved for February 15 sale. L. E. HOLMES, BLOOMINGTON, NEB.

MAPLE GROVE HERD **Big Type Poland Chinas** Herd headed by EXPANSION LOOK 61191. Best of big breeding and individuality represented in my sow herd. Fall sale October 26. R. B. DAVIS, HIAWATHA, KANSAS.

Manderscheid's Polands. Fashionable blood lines. High class individuals. Spring or fall boars; gilts, bred or open. Prices reasonable. Descriptions guaranteed. Write today. E. J. MANDERSCHIED, St. John, Kansas.

Tabor Valley Polands 15 fall gilts bred for August and September farrow. Also 10 September boars for sale. Big, growthy stock. Priced to sell quick. L. E. KLEIN, Zeandale, Kansas.

Ticer's Durocs—Am offering a few good young Valley B. and B. & C's Col. boars, worth the money; also a few bred sows. Will book orders for spring pigs. C. L. TICER, HARRAH, OKLAHOMA.

THE HOME OF CAPTAIN HUTCH. I am now booking orders for Spring Pigs, either sex, sired by Captain Hutch, King Hadley 2d, Hutch Jr., Mouw's Longfellow Price, Panoramblar and A Wonder out of Long King's Equal sows and sows of the best big type breeding and immense individuals in size and quality. Order early and get first choice. Pigs shipped at three months old. Nothing but first class stuff shipped. Send for private sale catalog and prices. In buying at this age you save enormous express charges. C. W. JONES, SOLOMON, KAN.

Dean's Mastodon Polands Poland China hogs, the big-boned type, will weigh when mature, 800 to 1,000 lbs. Bred sows all sold. Will sell a few boars of serviceable age, also choice fall pigs, either sex. All

Immunized by Double Treatment Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 6d. Everything guaranteed and sold worth the money. Address CLARENCE DEAN, WESTON, MISSOURI

Mammoth Poland Chinas My herd boars weigh from 800 to 1,000 lbs. Am now ready to ship 200 of the big, easy feeding, quick maturing kind. Tried boars and sows, last fall boars and sows, and spring pigs of both sexes. My terms are: If you are not satisfied return the hog, and I return your money.

F. P. ROBINSON, MARYVILLE, MISSOURI

POLAND CHINAS 40 SPRING BOARS 50 SPRING GILTS Booking orders now for June delivery. 40 years' experience. Can furnish big, lusty fellows. Can furnish spotted if desired. Yours for hogs with stretch. T. T. LANGFORD, Box M, JAMESPORT, MO. Mention Mail and Breeze when writing.

Poland Chinas Bred sows at private sale. Also fall and spring boars. Sows bred to Tom Lipton, Welcomer, Iron Clad 2d and others. Priced right. Ask for prices and descriptions. JOSEPH M. BAIER, ELMO, KANSAS.

POLAND CHINAS.

HOWARD R. AMES, POLANDS
81 pigs from 15 sows. Boars and gilts for sale. Write for prices. HOWARD R. AMES, MAPLE HILL, KAN.

MARCH and APRIL BOARS

And a few fall boars for sale.
Big thrifty stock and big type breeding. Write for prices. **W. E. EPLEY, Diller, Nebr.**

DUROC-JERSEYS.

FASHIONABLE BRED DUROCS
Graduate Col. at head of herd. Gilts bred to him and spring pigs either sex by him.
Royal Seaton Stock Farm, Winfield, Kan.

WALNUT GROVE FARM.

Boars and gilts, sired by B. & C's Col. and R. C's Buddy. Also spring pigs.
R. C. WATSON, ALTOONA, KANSAS.

CRIMSON WONDER AGAIN BOARS.
1 yearling dam by W. L. A's Choice Goods, a herd header and show prospect. Several early fall boars, 3 full brothers to Crimson Wonder 3d. Booking orders for pigs by C. W. A. and other boars.
L. R. VAN NICE, RUSSELL, IOWA.

BEAVER VALLEY HERD DUROCS.
Boars and gilts sired by Grand Master Col. II 94903 (Grand Champion and sire of winners at Oklahoma State Fair, 1911). Defender's Col. 112287. Autocrat 94765 and Muncie Col. 113778. Satisfaction guaranteed.
W. A. WILLIAMS, MARLOW, OKLAHOMA.

Crimson Wonder, Ohio Chief Blood Lines
Fall boars and March pigs for sale at a very reasonable price. **P. C. GARRETT & SON, Farm 2, BLOOMINGTON, NEBRASKA.**

TAYLOR'S DUROCS Booking orders now for choice spring pigs, over 100 head to select from, sired by Col. Wonder 112287 and Mo. Climax. Litter mates being fitted for fall shows. Prices right. **Chas. L. Taylor, Olean, Mo.**

Prince Wonder 2nd. No boar sale but best for private sales. Gilts reserved for February 7 bred sow sale.
A. T. CROSS, GUIDE ROCK, NEBRASKA

BONNEY K — KANSAS SPECIAL
Spring boars for sale but all best gilts reserved for February bred sow sale.
W. E. MONASMITT, FORMOSO, KANSAS.

BIG TYPE DUROCS Representing the best blood lines. Over 50 sows in herd. Big crop of choice spring pigs. Stock of all ages for sale. Fall sale Oct. 17. **Moser & Fitzwater, Goff, Kansas.**

HEBRON FARM DUROCS
30 Sows and Gilts bred for Aug. and Sept. Farrow. Also March and April Boars.
H. H. SHAW, Hebron, Nebraska.

SALINE VALLEY STOCK FARM
Am offering 50 big smooth March and April pigs for sale at prices that ought to sound good; 2 big winter boars ready for service. Write me your wants. **J. LEE DUNN, Russell, Kansas.**

Deep Creek Herd Durocs
Choice spring boars now ready to ship, also gilts bred for September and October. Best of breeding. Write your wants.
C. O. ANDERSON, MANHATTAN, KANSAS

BUDDY K IV, and B. & C's COL.
Boars and Gilts by these great sires and sows and gilts bred to B. & C's Col. For sale at reasonable prices. For full particulars write
J. J. BAKER, INDEPENDENCE, KANSAS.

Fisher's Durocs Herd boars, Graduate Col. Baby's Chief 10417, King's Col. E. 68935. These boars are among the best in the state, and sows in herd bred equally as good. Describe what you want, stating price you wish to pay.
H. E. FISHER, Danville, Harper Co., Kansas.

DUROCS—RED POLLS
30 summer and fall boars, 25 tried sows and fall gilts (bred) and spring pigs either sex, at FARMER'S PRICES.
Young bulls and females all ages cheap.
GEO. W. SCHWAB, CLAY CENTER, NEB.

DUROCS
Great crop of spring pigs. Tried sows for August and September farrow, bred to our great boar, Good E. Nuff Again King.
W. W. Otey & Sons, Winfield, Kan., "The Men With the Guarantee."

Perfection Stock Farm
Nov. boars and gilts, also 80 choice spring pigs, by State Fair grand and reserve champions. Pairs and trios not related. Ship on approval. Prices right. Write your wants.
Geo. M. Glasen, Union City, Okla.

College Hill DUROCS
March and April boars and gilts from state fair winners. Choice boars by Tattarrax, G. M's Col., and Carl's Critic. Farm joins Agricultural College. **W. W. BALES & SON, Manhattan, Kan.**

Quivera Place DUROCS
Spring boars for sale by Quivera and M. & M's Col. Gilts reserved for Jan. 8 bred sow sale.
MUNSELL & ISENBURG, Herington, Kan.

BANCROFT'S DUROCS
We hold no public sales. Nothing but the best offered as breeding stock. Three choice September boars. Tried sows and September gilts bred for September and October farrow. Spring pigs, either sex. Pairs and trios not akin. Price right. Customers in six states satisfied. Describe what you want. We have it. **D. O. BANCROFT, Osborne, Kansas.**

Star Breeding Farm
Herefords and Durocs

Bulls, 15 to 30 months, single or carlots; also females any age. Durocs headed by the champion B. & C's Col. Both sexes for sale.
SAM'L DRYBREAD, ELK CITY, KANSAS.

Second Masterpiece, a boar with an established reputation and one of the most valuable sires of the breed. This really great boar goes in the sale, and most of the sows that will be sold are bred to him. Many of the sows will prove attractions in the best herds and with their litters should prove profitable investments. There are young boars and sows of show yard quality, and all are of the large, useful, prolific type. Illustrated catalogs will be mailed free on application. Write today to J. T. Bayer & Sons, Yates Center, Kan., saying you saw the advertisement in Farmers Mail and Breeze.

Iowa and Illinois.

BY H. W. GRAHAM.

Good Shropshire Rams.

Attention is called to the advertisement of Daniel Leonard & Sons, Corning, Iowa, announcing that they are now offering some fine yearling and 2-year-old rams for sale. They are offering these at reasonable rates also a carload of 4-year-old ewes that are strictly first class. This firm has been in the Shropshire business in southwest Iowa for over 50 years and are known as the pioneer breeders and importers of the country. A representative of this paper went through their flocks recently and found quality and conformation of a superior type. The rams they offer are well made, possessing excellent covering to the tips. They are broad chested, straight backed with well set legs and of extra bone, their wool is of high quality, and from their herd of over 800 the buyer may select individuals that will do to go to the head of any herd. The entire flock is bred up along lines of noted breeding. Write them your wants.

The Ross Holstein Sale.

On September 18, S. E. Ross, Creston, Iowa, will sell a select lot of Holstein cattle. This offering will consist of registered and high grade stock and will range from yearlings to matured bulls and cows. Mr. Ross has been doing things in breeding dairy cattle. He has in his herd Princess Gerben Josephine, a cow that produced last year 18,512 pounds of milk which yielded 634 pounds butter fat, official test. Mind you this record was made in a dry year under just average farm conditions. There was no forcing and pampering. In the sale Mr. Ross will have several direct descendants of this famous cow. Among them will be a 4-year-old bull who has made his mark as a sire. This bull should attract buyers who are looking for a sire with a proven butter product. There will also be daughters and granddaughters of this cow in the sale as well as other good ones. In the grade offering there will be some heavy producers.

Editorial News Notes.

New Wheat Proves Wonderful Yielder.

We have been much interested in the winter wheat crop and have watched the great development made in the past few years, in yield. The winter wheat crop is yielding a third more and the territory in which it is grown is rapidly increasing. The A. A. Berry Seed Co., Box 135, Clarinda, Iowa, has given much study to the winter wheat proposition and has introduced a new variety called Kharkov, which is leading in yield. This variety is yielding for them from 40 to 50 bushels an acre, field average, and has yielded as high as 67 bushels per acre, on trial test. It is a wonderful stouter and very hardy and would be a splendid variety to sow. It will pay any farmer to change his seed and you can absolutely depend on the stock offered by the A. A. Berry Seed Co. See ad on page 14.

The John Deere Spreader.

You will be interested in reading about the John Deere spreader in the half page ad on page 17. Like everything bearing the Deere name it's good. Please read carefully the claims made for it. It is low down, easy to load. When out of gear it is just a wagon. It is light draft. Few parts. No clutches. No chains. All driving parts mounted on the main axle. The beater on the axle. No shafts or studs to get out of line. Indestructible steel frame. Steel wheels. Every John Deere spreader is strictly guaranteed to be made of good material and to do the work it is claimed it will do. The little Deere spreader catalog is good. It is attractively illustrated, and it is full of valuable suggestions about handling manure to the best advantage. The Deere spreader, the spreader with the beater on the axle, is described as a revolution in spreader building. Write for a free copy of this little book. Ask for it as Package No. Y. Address John Deere Plow Company, Moline, Ill.

How to Get Top Prices for Your Hay.

If you have grown more hay this season than needed for feeding purposes, by all means sell the surplus and take advantage of the existing high prices. But don't haul it to town on a wagon and sell it to the first buyer that comes along. Bale it first. If you haven't a baling outfit of your own, look up some neighbor who has, and have him do the job. Or contract with a hay dealer to do it. The moment your hay is baled, the city markets are opened to you. You don't have to depend upon local bids, which are usually very low. Instead of local consumers using your hay, it may be sold at higher prices in some city hundreds of miles away. We might also add, by way of suggestion, that there is big money in hay-baling these days. A man who is a hustler can take an up to date baling outfit and clean up \$5 to \$10 a day doing jobs for neighbors. The latest sensation in hay-baling outfits is an All-Steel Motor Press made by the Sandwich Mfg. Company. It is a compact, big capacity press, with gasoline engine mounted on the same platform. It is one of the finest-working farm machines we have ever seen. Perhaps you are familiar with the Sandwich All-Steel Motor Press. A great many farmers in your state are buying them. Certainly no man who is in the market for a hay baling outfit will fail to learn about this magnificent gas-driven, steel-clad machine. Write for catalog to Sandwich Mfg. Company, 156 Main St., Sandwich, Ill.

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

DUROC-JERSEYS.

LITTLE OAK DUROCS Early spring boars for sale. Gilts reserved for February 22 bred sow sale.
Geo. P. PHILIPPI, Lebanon, Kan.

BERKSHIRES.

Jewell County Berkshires Fall gilts and yearling sows for sale, bred or open.
C. W. ELYEA, JEWELL CITY, KANS.

Berkshires That Make Good
With size, bone and feeding qualities that please the farmers as well as ability to win in the show ring. Undelected young herd bred by exhibitor, three state fairs.
C. G. NASH, ESKRIDGE, KANSAS.

BERKSHIRES, SHORT-HORNS and JERSEYS

FOR SALE—25 boars by Robinhood Premier 2nd or Rival's Lord Premier, and out of sows representing such sires as Imported Baron Compton, Berryton Duke and Premier Longfellow. Also a choice Shorthorn bull calf by Silk Goods and out of a show cow.
W. J. GRIST, :: OZAWKIE, KANSAS

MEADOW BROOK BERKSHIRES AT BURLINGTON, KANS.

200 bred sows, all bred to Premier Longfellow, King's 2d Masterpiece, True Type, King's 4th Masterpiece, King's X Masterpiece (the greatest yearling we ever raised), Forrest Count, etc. One hundred open sows and twenty extra nice males. Two extra good herd boars for sale (every one deep in breeding and rich in blood).
E. D. KING, BURLINGTON, KANSAS.

BERKSHIRES.

WAITE'S BERKSHIRES.

Choice young Boars and Gilts, also tried sows. Most famous Robinhood Blood. We guarantee satisfaction. Call or write
LEON A. WAITE, WINFIELD, KAN.

Sutton Farm Berkshires



We are offering selections from 100 spring pigs, mostly sired by Judge Robinhood, at very attractive prices. We are also booking orders now for some very nice gilts bred for early fall farrow. We will sell two tried sows bred for Sept. farrow.

Sutton Farms,
Lawrence Kansas.

A Final Clean-Up Berkshire Sale! Kinloch Farm Kirkville, Missouri Thursday, Aug. 22, 1912

Nearly 200 Head

Will be sold. You can buy them at your own price. Nothing reserved.

Professional duties have compelled us to wind up our Berkshire business and it is with genuine regret that we announce this Sale.

Rival's Lord Premier will be Sold

This announcement alone should interest every Berkshire breeder in America.

In this final clean-up sale will be found daughters of the world's greatest sires; such as Lord Premier's Rival, Premier Longfellow, Masterpiece, Rival's Lord Premier, Berryton Duke, Jr., etc. They are bred to our great Boars.

Send for your Catalog at once. If you cannot attend, send mail bids to L. E. Frost, Springfield, Ill., or G. W. Berry, Topeka, Kan., of the Farmers Mail and Breeze.

Kinloch Farm, Kirkville, Mo.

C. E. Still

Geo. M. Laughlin

BIG BARGAINS IN REAL ESTATE

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

3,000 ACRE improved ranch at a bargain for a short time. Cassoday Realty Co., Cassoday, Butler Co., Kan.

AGENTS WANTED, to sell Neosho Valley corn and alfalfa lands. \$40.00 to \$60.00 per a. G. W. Clark Land Co., Chetopa, Kan.

ALFALFA, corn and wheat lands in rain belt of Kansas. Good upland \$35 to \$75, bottom \$75 to \$100. Free land list. THOMPSON & LEWIS, Whitewater, Kan.

EMPORIA, KAN., is one of the best college towns surrounded by a good farming country. Send for list of farms and city property for sale. T. B. Godsey, Emporia, Kan.

WRITE for big printed list of corn and alfalfa farms in rain belt of Kansas. Biggest list choice farms in state. Kenyon & Holtzman, Concordia, Kan. (Pioneer Kan. farmers.)

ALFALFA and corn farms in eastern Kansas from \$55 to \$75 per acre. Easy terms. Write for list and tell us kind of farm wanted. T. J. Ryan & Co., St. Marys, Kan.

FOR SALE or exchange, 177 a. Cedar Co., Mo. Two sets improv., worth \$1,200. 100 a. cult., bal. timber and pasture, partly hog tight. Price \$5,000. Incumbrance \$2,700. Write J. R. Ford, Eldorado Springs, Mo.

HOMES in N. W. Ark. Good soil, pure water, healthful climate, from \$500 to \$20,000; also flouring mill \$4,000, good proposition. Best reasons for selling. Harness, carriages, furniture stock live town. Other bargains. Write for list. Ad. Box A-1, Hindsville, Ark.

FORD AND HODGEMAN Co., Kansas, wheat land making 15 to 30 bushel wheat to the acre. Black loam soil, 65 to 80 per cent level as a floor; from \$17.50 to \$35 per acre. Write or wire me to see the land. You will sure buy. W. A. STURGEON, Hutchinson, Kan.

FOR SALE—160 acres fine corn, wheat and alfalfa land, orchard, barn 30x50, 7 room house, good well and mill; other outbuildings. All fenced. 2 1/2 miles from town. Price \$10,500.00, very small payment down takes this; balance 8 years at 6 per cent. 80 acres fine wheat and corn land. New house and barn, good well with gas engine attached. All fenced, 4 1/2 miles from town. \$6,500, part can be left on place. Box 149, Frederick, Kan.

A FINE FARM of 240 acres in Southern Kansas, one and one-half miles from the business section of a city of 15,000. Large ten room house with large front porch and three room cellar. 150 fine evergreens. Plenty of plum, cherry and pear trees. Old apple orchard for family use. Barn 60x60 with large mow. Never failing spring 20 rods from barn. Fine soil, first and second bottom land, fine for wheat, corn and alfalfa. This is an ideal location for dairy or fine stock. 180 acres in cultivation, and 20 more can be plowed. An unusually pleasant place for suburban home with all the advantages of city and country. The farm lies in the gas belt and has gas in the house for all domestic purposes. A few thousand will handle. Owner has other business that demands all his time. Price \$85 per acre; will divide if desired. Address 401 Miss. St., Lawrence, Kan.

80 ACRE home farm, 3 1/2 miles from town, half in cultivation, pasture, alfalfa, good water, four room house, barn, orchard. Price \$3,600.00. No trades. Write for free list. V. E. NIQUETTE, Salina, Kan.

BARGAIN: 80 acres, 68 a. cultivated, balance pasture, 10 a. alfalfa, 6 room house, good barn and outbuildings. Price \$4,500, \$1,500 cash. Write for free lists. W. G. STUDEBAKER, Salina, Kan.

FARMS bought at right prices are a good investment. Send for our booklet containing choice bargains in the corn and alfalfa belt of southeast Kansas. Farms, prices and terms are right. Write for it today. MILLER & SON, Petrolia, Kan.

MR. RENTER, here is your chance. Have some good improved Ness Co. farms to sell, small payment down, bal. half crops till paid for; some unimproved quarters \$250.00 per quarter down, bal. half crops till paid for. For full details, BUXTON LAND CO., Utica, Kan.

129 A. 3 mi. Ottawa; good 7 r. house, barn; 80 a. fine creek bot.; no overflood; one best farms Franklin Co. \$87.50 a. \$2,500 cash, remainder long time. 65 a. 3 1/2 mi. Ottawa; new 5 r. house, barn; 30 a. nice creek bot.; all tillable; 20 a. hog tight; extra fine little home; \$5,500. Will loan half the money. MANSFIELD, Ottawa, Kan.

FARM BARGAINS. Choice wheat and alfalfa lands in famous Medicine and Sharon Valley, \$25 to \$50 per a. J. P. DUNCAN REALTY CO., 712 Beacon Bldg., Wichita, Kan.

KANSAS CITY PROPERTY—WILL SELL OR EXCHANGE. 6 room modern house on Blvd. Value \$4,000. Equity \$2,500. 7 room modern house on car line. Value \$4,500. Equity \$3,500. These properties are first class homes located in best residence district of Kansas City, Kan. Will exchange equities for good farm or hardware stock in Eastern Kansas. Address H. M. DIXON, 1024 Alabama street, Lawrence, Kansas.

ALFALFA LANDS \$40 to \$50 ACRE

EAST END OF HODGEMAN COUNTY. Very best bottom land, with running water, some timber. Excellent wheat land at \$20 to \$30 per acre. Come and see or write for list. M. W. PETERSON, Hanston, Kan.

DICKINSON COUNTY BARGAINS

We have many fine river and creek bottom land and also fine upland farms for sale. Good wheat, corn and alfalfa lands at reasonable prices. Write for lists. Mention this paper. BRINEY, PAUTZ & DANFORD, Abilene, Kansas.

IN THE OZARKS OF ARKANSAS small fruit farms pay the best; if interested in stock, fruit or grain farms, address EWALT LAND CO., Springdale, Ark.

SOUTHEASTERN KANSAS is the place to go for good homes, low prices and easy terms. Send for full information. Address THE ALLEN COUNTY INVESTMENT CO., Iola, Kan.

COFFEY COUNTY, KANSAS. In heart of corn and tame grass belt. Farms and ranches \$30 to \$60. List free. LANE & KENT, 3rd St., Burlington, Kan.

BUTLER COUNTY, KANSAS, 160 A. New buildings, 80 acres in cultivation, balance grass, good alfalfa land. \$6,000, terms. BEATTY REALTY CO., Wichita, Kan.

EASTERN KANSAS BARGAINS. Improved stock and grain farms; \$30 to \$65 per acre; write for list free. J. E. CALVERT, Garnett, Kan.

EVERYBODY'S DOING IT NOW. Buying wheat, corn, alf., land at bargain prices. Write us for list. L. E. Birdington, Room 4, Commerce Bldg., Dodge City, Kan.

FARM FOR SALE. Improved 160 acres near Burdette, Kan. Good soil, lays fine, good neighborhood in wheat belt. Part cash will do, carry balance. Box 417, Ellinwood, Kan.

LINN COUNTY FARMS. Biggest bargains in Kansas. Corn, wheat, timothy, clover, bluegrass land \$15 to \$30. Coal, wood, gas, abundance good water. Fruit and everything that goes to make life pleasant. Large illustrated folder free. EBY BROTHERS & CARY, Pleasanton, Kan.

FIVE THOUSAND ACRES NEAR NEW RAILROAD AND COUNTY SEAT TOWN. Sixteen to seventy feet to water. Some alfalfa land. Good proposition for ranch or colonization. Write us about this and other lands. LIGHT & STOUFER, Liberal, Kansas.

FOR SALE. A creamery located in a large town, also a good threshing outfit, and a hotel located at Pierceville, Kansas, and some fine irrigated land in the Laramie Valley, Wyoming, to trade for Kansas farms. W. J. TROUSDALE, Newton, Kansas.

GREENWOOD COUNTY BLUESTEM GRASS LAND. 1,200 acres all in one body, close to shipping, watered, strictly black limestone land. This land is listed only for a short time for sale. Best price \$22.50 per acre. TALBOT INVESTMENT CO., Eureka, Kan.

SPLENDID FARM BARGAIN with an income. 132 acres fine land, fine improvements, 112 acres in cultivation, 35 acres pasture, 45 acres fine meadow, fine house, orchard and outbuildings. Leased for oil and gas, owner receives \$600 per year royalty. Free gas for light and fuel. Price only \$80 per acre. D. C. DAVIS, Independence, Kan.

BARGAIN. 160 acres, good land. 8 room 2 story dwelling, good barn and outbuildings, well watered, shade trees, orchard, fine location, school across road, 3 miles from town, sure bargain at \$50.00 per acre. Send for list of bargains. F. C. LIBBY, Blue Mound, Linn Co., Kansas. J. L. Wilson, Salesman.

320 ACRES FOR SALE. 6 1/2 miles from Preston, all fenced and cross fenced. 220 acres in cultivation, 100 acres in pasture; good 8 room house, barn for 16 horses, granary and sheds, well and windmill. On best price and good terms. If you want a good wheat and corn farm investigate this. Price \$11,000 with good terms. CHAS. E. DYE, Preston, Kan.

FINE STOCK FARMS. 480 acres, 100 cult., 290 fenced pasture, living water, shade, 160 fine valley land, new imp., adjoins R. R. station, 6 miles Eldorado. Price \$35 cash. 280 acres, 80 finest creek bottom in alfalfa, 200 pasture, living water, new imp., 17 miles Eldorado. Price \$55 cash. V. A. OSBURN, Eldorado, Kan.

MAKE \$2,400 IN 6 MONTHS. That is what you can do if you will buy this fine 160 acres of rich black soil only 5 1/2 miles from the Wichita Union Stock Yards. This is good alfalfa land and has good improvements on it. The owner is a non-resident and is forced to sell. \$75 per acre will buy it on easy terms, will sell for \$90 per acre in six months. LEACH REALTY CO., 401 East Douglas Ave., Wichita, Kan.

FOR SALE. The best improved 240-acre stock and grain farm in Kansas; fine twelve-room house, horse, cattle, hog, and poultry barns, machine barn and granaries, blacksmith shop, wagon scales, fruit of all kinds, water piped over farm; good hog and cattle fences in 40's and 80's; six-room tenant house. All improvements first class. This farm is located five miles from Atchison, Kansas. Land lays smooth, some rolling. About twenty acres rough, but fine pasture. Fine roads to town. Price \$25,000. Terms: About one-half cash, balance a long time at 6 per cent. Owner wants to retire. This is a bargain. For further particulars see A. N. ARMSTRONG, Atchison, Kan.

FARM ON EASY TERMS. I own 160 acres mostly creek bottom land, about 13 miles northwest of Ft. Scott, Bourbon county, Kan. Soil is black loam and suited for corn, timothy and clover and is located in a fine neighborhood. Have reasonable improvements. Price \$12,000. Might take a small farm or house and lot in a good town, on farm. Write me. H. CLAY BOWSER, 4050 Broadway, Kansas City, Mo.

CHEAP KANSAS AND OKLAHOMA FARMS. 1,440 a. improved, Okla., price \$30, all on time. Howard, The Land Man, Wichita, Kan.

\$12,000 FARM FOR \$9,500. 160 a. 6 miles from town, 1/2 mile from school; 125 a. cult., bal. pasture. 28x28 house, 42x38 barn, well and windmill. Good cement tank, good chicken, good soil, will furnish abstract. Price for 30 days \$9,500, terms \$2,500 cash, bal. 6 per cent—no trades. Pralle Bros. Realty Co., Bremen, Kan.

SEDGWICK COUNTY FARM BARGAINS. 280 acre first bottom farm, fair improvements. This snap \$47.50 per a. Terms. 101 a. first bottom alfalfa farm. Well improved. 40 a. fine alfalfa one mile of city, 8,000 people. \$110 per a. Good terms. 320 a. improved best alfalfa or wheat land, \$65 per a. Half cash. 80 a. farm, good land; 20 a. alfalfa, good improvements, near Wichita. \$80 per a. For bargains in good farms call on or write H. E. OSBURN, 227 E. Douglas, Room 1, Wichita, Kan.

25 BUSHEL WHEAT—HARPER COUNTY, KANSAS. You should see it; best in Kansas. We have 160 acres, 1 1/2 miles to good trading point, every foot tillable, lays beautifully, fine wheat, corn and alfalfa soil; no rock, sand, gravel or gumbo; fine water, best young orchard and grove in southern Kansas, fair improvements, very best neighborhood. Price \$7,500. Can loan \$3,000 on it. Write us now. J. E. COUCH LAND COMPANY, Anthony, Kansas.

AGRICULTURAL COLLEGE. Live near while educating your children. City, suburban and farm property for sale. Choice locations. Write your wants. L. D. ARNOLD, Manhattan, Kansas.

SOUTHEAST KANSAS FARM BARGAINS. Write today for free land list. Foster Bros., Independence, Kan.

LAND! LAND! LAND! In Okla., Gulf Coast country and Kan. Prices low; terms easy. Exchanges made. JABEZ F. BRADSHAW, Lenexa, Kan.

FOUND A beautiful, smooth, level half section of land lying 9 miles from town that we can sell for \$3,600. The cheapest half section on the market; first class soil. No better proposition in the county. Who wants it? COONS & JACOBS, Plains, Meade Co., Kan.

408 Acres Fine Improved. 5 miles to Arkansas City, Kan. 220 is fine bottom. Lots of fine alfalfa. If you want a good one ask about this. \$55 per acre. Can loan \$30 acre on this farm. WM. GODBY, Arkansas City, Kan.

You Can Buy Now and get benefit of early advance in price. Choice lots in Plains, Kansas, today \$17.50 to \$50.00 on easy monthly payments. Will advance rapidly. It's a growing little city with a certain prosperous future. Let me tell you about it. Write today. JOHN W. BAUGHMAN, Plains, Kan. Desk G.

200 ACRES. Three and one-half miles from town, 120 acres good wheat land, all well grassed, living water. Big snap. Must sell quick. Price \$8.50 per acre, terms. Other bargains. List on request. MARRS & DAY, Meade, Kansas.

FOR SALE. Eighty acres two and fourth miles Waverly, Kansas. All good smooth land. Twenty acres hog tight. Twelve acres prairie hay. Same timothy and clover. Forty-five in corn. Good cottage, house and cellar. New barn and cribs with cement foundation and floors. Price \$6,000. Terms to suit you. Eighty acres all smooth. All in cultivation and tame grass. Good house and barn, silo, orchard. Close to church and school. On mail route. Price \$5,500. O'NEIL & LATHROM, Waverly, Kansas.

NEBRASKA. HOMESTEAD—320 acres rich farm land for \$175, filling fees and all. No sand hills. J. A. Tracey, Kimball, Neb.

IDAHO. RICH, productive, deeded land on railroad; excellent markets; schools; free range; lowest prices; unequalled opportunity for homebuilder or investor; descriptive bulletin giving full particulars. Write at once to BEAR RIVER VALLEY LAND CO., Montpelier, Idaho.

ILLINOIS. RICH Illinois land \$25 per acre. Address S. H. Morton, 706 Chestnut St., St. Louis, Mo.

NEW MEXICO.

EVER HEAR OF MACINESO, Mexico? Place of FREE HOMES and perpetual income. Everything guaranteed. J. M. Mason, Columbus, Kan.

CANADA

OWN YOUR HOME in Canada. Buy a farm in Sunny Southern Alberta, any size, easy terms. Climate ideal, soil unequaled, no crop failures, no personal tax. Write today. Lynn W. Barrett, Aldersyde, Alberta.

ARKANSAS.

80 A. branch bottom, 70 cult., some fruit land, \$1,600. Porter Land Co., Horatio, Ark.

IF INTERESTED in N. E. Arkansas farm and timber lands, write for list F. M. MESSER, Walnut Ridge, Ark.

FREE information about Ark. general farming, fruit or stock raising land, at low prices. Virgil J. May, Booneville, Ark.

BENTON CO., greatest fruit growing Co. on earth. 40 to 160 a. tracts. Write for list. C. R. Craig & Co., Bentonville, Ark.

RED RIVER corn and alfalfa farms, \$20 to \$50 per acre; income \$50 to \$60 per acre. List free. L. A. JUSTUS, Foreman, Ark.

FOR des. literature, city props., Ark. and Okla. farm, fruit, timber and grazing lands, write Moss, Hays & Co., Siloam Springs, Ark.

IF YOU WANT A GOOD HOME for a little money write to MISSES BURKS & PATTON, Monticello, Ark.

FOR FREE INFORMATION about Arkansas fruit and general farming land, at low prices, on liberal terms, write us. New list free. Griffin & Wasson, Gentry, Ark.

CORN, FRUIT, ranch and wheat lands; sandy loam soil; \$10 to \$25 per a. On good terms. Write for new list, mailed free upon request. Mansfield Realty Co., Mansfield, Ark.

120 A. improved valley farm; 65 cult.; bal. timbered; all tillable; 2 a. bearing orchard; on public road; mail and telephone route; well ar 3 spring water; healthy; \$2,000. Terms easy. ROBERT SESSIONS, Winthrop, Ark.

FOR SALE—120 a. rich land, 80 in cultivation, house, barns, orchard, fine water; beautiful home on pike, mile from town, 13 from Little Rock, \$30 per a. F. J. Ray, 105 Center St., Little Rock, Ark.

SUMMER BARGAIN in famous Springdale Fruit district: 55 acres, 5 miles out, fair improvements, family orchard; spring water, lots of SAW timber. Gravelly, sandy loam, clay subsoil. Half under plow. \$1,700—easy terms; possession, Free list. Fredricks Realty Co., Springdale, Wash. Co., Ark.

900 ACRES good farm land on railroad, rural route and phone line. Part cash, part trade. Price \$10.00 per acre. H. M. McIVER, Texarkana, Ark.

FOR SALE OR TRADE—800 acres of rich land in Lee Co., Ark., partly cleared; bal. timber. Will sell all or part reasonable or will trade for good alfalfa farm or small ranch, or will trade for equity. S. M. BRADEN, Sparta, Ill.

We have 200 farms to dispose of at once in Arkansas, where the winters are short and the summers are mild. Fruit farms, strawberry farms, grazing and farming lands a specialty, ranging from \$15.00 to \$40.00 per acre, in tracts of 40 to 3,000 acres. Write us what you want and we will fill the bill. Address JAGGERS & HALL, Walnut Ridge, Ark.

ARKANSAS LANDS. For fruit or general farming, at much less than their actual producing value. Fruit, berries and all staples grow to perfection. Land values are advancing rapidly. New list free. COLLINS & HUNSAKER, Decatur, Benton Co., Ark.

IF YOU WANT TO BUY ARKANSAS LAND Write S. C. Dowell, Walnut Ridge, Ark. Finest farming, timbered and rice lands in the state at lowest prices. No trades.

BEAUTIFUL OZARKS OF ARKANSAS. Flowing springs, fertile valleys. Fruit, grain, timber lands for sale. Easy terms. J. C. MITCHELL, Fayetteville, Ark.

Scott County, Arkansas where land values are steadily advancing. Prices range from \$10.00 an acre up. Fine for fruit, stock raising and general farming. Get our new list. Mail free upon request. SANFORD & SANFORD, Waldron, Ark.

For Sale in Southwest Arkansas 80 improved farms at a price ranging from \$15.00 to \$40.00 per acre. Write for literature. SOUTHERN REALTY & TRUST COMPANY, Ashdown, Arkansas.

A FARM FOR YOU IN ARKANSAS. 40 acres GOOD LAND \$600.00, on these exceptional terms: Note for \$400.00 due in 6 years, 6 per cent interest payable annually. Balance of \$200.00 payable \$5.00 cash, \$5.00 per month, without interest. No taxes during installment payments. Larger tracts proportionate terms. Our sixteen years' experience is at your service in investigating Arkansas. Real Estate Department. TEXARKANA TRUST COMPANY, Texarkana, Arkansas. Map for 2c stamp.

MISSOURI.

120 ACRE farm, only \$1,250; terms on part. Crain, Licking, Mo.

25 OZARK bottom farms. List free. Write J. H. Wright, Marshfield, Mo.

CHOICE Vernon Co. prairie farms. Easy terms. \$15 to \$65 a. W. E. Hunt, Shell City, Mo.

BEST Imp. farms in Mo. \$60 to \$100 per a. Write A. R. Wherritt, Pleasant Hill, Mo.

BARGAINS in Ozark of Missouri fruit and timber lands. A. J. Johnston, Merchants Nat'l Bank Bldg., Springfield, Mo.

FOR SALE. 125 acre farm in Southern Missouri. Well improved, convenient to railroad, 60 acres in bearing orchard, 3,000 barrels of apples now in sight on the trees. Land finely watered, with good buildings. Rural route and telephone line. If this orchard is properly handled it should yield at least 3,000 barrels a year which will sell from \$3,000 to \$6,000 each year, according to market price. You can sell the apples on the trees for cash in hand, and not be bothered with picking and packing. This farm is good for general purposes, in addition to fruit. You can buy this at a bargain, for the owner must sell. Might consider some trade. Send for complete and detailed description. Don't wait. You get the apples. G. B. CUNNINGHAM & CO., 431 E. Commercial St., Springfield, Mo.

LACLEDE CO. bargain; 280 acres, well improved, 200 in cultivation, lies well, fine farm, 4 mi. out. \$37.50 per acre. F. CURRIE, Lebanon, Mo.

8080 ACRE STOCK RANCH For half its value for quick sale. Address owner for information. A. J. Johnston, Merchants Nat'l Bank Bldg., Springfield, Mo.

CALLAWAY COUNTY, MISSOURI, in the heart of the great grain and stock-raising section of the Mississippi Valley, offers fertile lands, good climate, ample, well distributed rainfall, reasonable prices. Write for 1912 catalog. W. ED. JAMESON, Box D, Fulton, Mo.

CARTER COUNTY BARGAIN. 150 acres of good unimproved farming land, located 9 miles of Van Buren, county seat of Carter Co. Fine pasture land, also fine for dairy and fruit farming; in fact you can raise almost everything raised in the North. Fine climate, good water, schools, churches. A bargain at \$10 per acre. Write JOHN M. CARNAHAN, Van Buren, Mo. (County Clerk and Recorder, Carter Co.)

FREE: "Homeseekers' Review" BEST LAND Many big bargains. WEST PLAINS REAL ESTATE CO., West Plains, Howell County, Mo.

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Good improved farms Howell county, Missouri, \$25 to \$30 per acre. These are well located near town. Traders would price such farms at \$50 to \$75. IOWA, MISSOURI AND KANSAS LAND CO., A. P. Cottrell, Mgr., Pomona, Howell Co., Mo.

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BEAUTIFUL Irr. farms, fruit, sugar beets, grain, alfalfa. Ordway Land Co., Ordway, Col.

80 ACRES irrigated, \$6,500. Close to Lupton, north of Denver. Improved, cultivated, fenced, water right, fine soil. L. A. Cobb Inv. Co., 242 Century Bldg., Denver, Colo.

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A FEW SNAPS FOR CASH. Excellent alfalfa farm, one-fourth seeded, near shipping point, \$35 per acre. 120 acres alfalfa and potato land, under good ditch, \$25 per acre. Cattle ranch, will keep 500 cattle, \$10,000.00. Several one thousand to ten thousand acre ranches. Many small farms. Write us. SHIELDS-BEGGS LAND CO., Fort Morgan, Colo.

CATTLE—HORSES—SHEEP. FOR SALE AT A BARGAIN: 130 head of cattle, 350 head of sheep and 30 head of horses, and the finest combination dairy and stock ranch to be found in the country. There are 3,500 acres in the ranch, located one and one-half miles from R. R. station; over 1,000 acres bottom land with shallow water; plenty living water on the ranch at all times. FINE. A bargain. CARL M. COOK, Limon, Colo.

THE STEWART REALTY COMPANY Located at Suite 703-4-5-6 First National Bank Building, Denver, Colorado. Has the largest list of irrigated land, improved dry farms, stock ranches, city property, business property, apartment houses, of any office west of Chicago. Also has offices in Chicago, Omaha, Kansas City, St. Louis and St. Paul. They personally recommend all properties. The officers are George W. Stewart, President; O. W. Lovan, Vice-President; Masea W. Spicer, Sec.-Treas.

New Homestead Law Get a 320 a. claim; Government only requires 3 yrs. residence now, 5 mo. yearly leave of absence. Relinquishments \$1.00 per a. up. LEPPERT LAND CO., Eads, Colo.

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5,000 ACRES choice improved farms; 40 acres up. ¼ cash. Long time 6 per cent. W. C. Buchanan, Floyd, La.

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FREE ILLUSTR. literature describing land in the famous Texas mid-coast country. Smith Diebel Land Co., Victoria, Tex.

TEXAS GULF COAST LANDS—87,000 a. of the best to sell to actual settlers. Write today. A. B. Armstrong, Guthrie, Okla.

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YOU CAN'T AFFORD TO MISS THIS ONE! A well improved river bottom farm at \$20 per acre. Easy payments. Write for particulars. Many other great bargains. J. C. SCHOFIELD, Edna, Tex.

PROFITS IN GULF COAST LAND. Wonderful production, large increase in value, an attractive home. Get our Free Booklets, "The Road to Prosperity" and "A Pointer on 'Where to Buy Land.'" Will send you free "The Gulf Coast Bulletin" for 6 mo. Write THE ALLISON RICHIE LAND CO., 2nd Floor Carter Bldg., Houston, Tex.

FREE TRIP TO TEXAS and \$125 in cash to anyone selling 15 lots in our new town. Any man or woman of good local reputation can sell these in a few days. We sell choice farm lands on terms to suit. The country of biggest alfalfa and finest fruits. Write today. STRATTON LAND COMPANY, Chicago, Ill.

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EASTERN Oklahoma Indian lands. List free. Write F. S. Ashleman, Nowata, Okla.

100 A. two mi. R. R. town, seven mi. of Co. seat, \$40 per a. Good four room house, 120 a. in cult., easy terms. J. H. Fuss, the Land Man, Medford, Okla.

160 A. close El Reno, high state cult., large field alfalfa, good improv. School on land. Rural mail, tele. Thrifty neighborhood. Place for home and family. Must be sold. Box 194, Muskogee, Okla.

KAY CO. bargains best in state. Fine homes. Good crops. List free. E. E. WOOD, Newkirk, Okla.

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WRITE JNO. L. WAGGONER & SON, McAlester, Oklahoma, for prices on S. E. Okla. timber, coal and farm lands. Large or small tracts.

POCKET MAP OF OKLAHOMA for five names of persons intending to change. Caddo county corn and alfalfa land. BALDWIN & GIBBS CO., Anadarko, Okla.

TERMS TO SUIT. 160 a. 7 miles of Medford, 4½ miles of R. R. town, 35 a. fenced with 3 ft. woven wire in pasture, balance in cult., good orchard, small fruit, fine water and mill, 4 room house, large barn and sheds, 2 miles of school, some wheat. Good loose loam soil, good ALFALFA land. Write us for trades. BATTEN REALTY CO., Medford, Okla.

Oklahoma Wants You 500 choice farms for sale. Titles good. Easy terms. Soil and climate excellent. Write for list. Roberts Realty Co., Nowata, Okla.

Indian Lands for sale, 300 choice farms, N. K. Okla., low prices. Easy terms. Perfect title. E. T. TETER & CO., NOWATA, OKLA.

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Oklahoma farm lands to actual settlers on time payments with or without any cash. List of 120 farms to select from. Write for list and prices. JOSEPH F. LOCKE, Wynnewood, Okla.

Eastern Oklahoma

Land \$3.00 to \$25.00 per a. Prices are steadily advancing—now is the time to buy. If you want a good, cheap home, or a money making investment, write to or call on W. T. HARDY, McAlester, Okla.

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We have 10,000 acres of the best farm land in Central Florida for sale in tracts of 40 acres to 640 acres. Land nearly level, good drainage, splendidly adapted for raising vegetables, grain, livestock and citrus fruit. When the purchasers of Florida land get away from the 5 and 10 acre idea and buy lands and farm them as they do in the West the results will be far beyond those realized by western farmers. Prices \$25 per acre to \$40 per acre. Terms very easy. Address

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See Highview Park this Summer

There are special, low rates to Denver all summer. You can see Highview Park and the Wonderful Colorado scenery, and enjoy the magnificent Colorado climate now at a very small cost. We want you to see Highview Park—we have literature telling you all about it, and we are glad to send you the literature, but there is no substitute after all for seeing the land with your own eyes—

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If we can show you this splendid, fertile, irrigated tract, laying almost up to the splendid city of Denver, in the direction of the city's most rapid growth, we will do business with you. The land is right, the location is right, the water is there, the price extremely low. You'll probably never have another similar opportunity. Now is the time to see this great proposition. You can tell whether it is good when you see it, can you not? For further information, free literature, etc., address

The Denver Suburban Homes and Water Company 620 Commonwealth Building, Denver, Colo.

James Butler, Eastern Representative, 1230 Fillmore St., Topeka, Ks.

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GROCERIES and merchandise for farm. Other trades. F. Gass, Joplin, Mo.

I SELL or trade land or goods. Describe wants. F. H. Brown, Mead Valley, Kan.

EXCHANGES, all kinds; everywhere. What have you? Overlin & Son, California, Mo.

BUY OR TRADE WITH US—Exchange book free. Bessie Agency, Eldorado, Kan.

WRITE FOR LISTS, sale or exchange. The Eastern Kan. Land Co., Quenemo, Kan.

160 A. improved, in Anderson county, Kansas, to trade for live stock. Her & Simmons, Garnett, Kan.

BOOK 1,000 farms, etc., everywhere, for ex. Get our fair plan of making quick square trades. Graham Bros., Eldorado, Kan.

STATE UNIVERSITY. Buy house in Lawrence, Kan., while schooling your children. Large list, sale or ex. Fugate Land Co.

326 A. tillable Hamilton Co., Kan. land north of Syracuse under ditch survey; cheap. Cash or trade. C. O. Enderud, Scandia, Kan.

WE DO exchange property. Can do it for you. Bargains in farms and city property. Write for list. Kuhlmann Realty Co., 331 East "D" St., Wichita, Kan.

FOR SALE OR TRADE—200 acres fine wheat land, well imp. Want large pasture farm, in or near eastern Kansas. Also well equipped blacksmith shop. Box 149, Frederick, Kan.

600 ACRES well imp.; near town in central Kan. \$45 per a. clear. Want hdw., mdse. or smaller farm. Other reliable trades. Eberhard & Mellor, Whitewater, Kan.

FOR SALE OR EX.: San Luis valley, Colo., subirr. land; no lack of water, immense crops, never fails, delightful climate. Write today. Box 36, Formosa, Kan.

CLEAR \$12,000 hardware stock, east Kansas, to trade for stock and grain farm. BREMEYER, McPherson, Kan.

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FOR SALE—Choice wheat, corn, and alfalfa lands, in Clark, Ford, and Meade Cos. Write for list, trades. NATE NEAL, Real Estate, Minneola, Kan.

AUTO WANTED! In exchange for fine modern 7-room residence, close in, paved street, Iola. A good home. Cash price \$2,500; incumbrance \$1,250. Want good 5 passenger 1910 or later car for equity. Describe your car fully. IOLA LAND COMPANY, Iola, Kan.

FOR A QUICK SALE or exchange of real estate, address FRED J. HALL, Eldorado, Kan.

FARM BARGAINS For sale or exchange, any size, price or where. We can match any trade. LATHAM & DORR, Wichita, Kansas.

FARM FOR SALE OR EXCHANGE. 1,320 acres in Hodgeman county near Ford county line. 900 acres in cultivation. Running water. Bargain if sold before October. MEHL & SCHOTT, Leavenworth, Kan.

MERCHANDISE FOR LAND. \$6,500 stock gen. mdse. and \$4,000 shoes and clothing. We have the following for mdse.: 160 a. San Luis Valley Irr., \$100 a. 520 a. W. Okla., well improved, \$25 per a. Three good Wichita income properties, \$15,000. Kansas Investment Co., Wichita, Kan.

OKLAHOMA.

FOR LEASE: 200 acres fertile Oklahoma bottom half mile from town of 3,000, long lease given for putting under cultivation. J. N. Roberts, Dept. Agr., Washington, D. C.

210 acres all tillable. 165 acres in cultivation. Orchard, fair improvements. \$30 per acre. Raw land \$2.40 to \$20 per acre. Improved \$15 to \$35 per acre. Soil as productive as eastern Kansas with more rainfall. All crops good this year. Write us. SOUTHERN REALTY CO., McAlester, Okla.

FOR FARM LANDS AND EXCHANGES of all kinds address John Capper, Real Estate Agent, Lyndon, Kan.

LAND FOR HORSES AND CATTLE. I own strictly choice irrigated land, well watered, near Las Vegas, New Mexico, and some timber and agricultural land in southeast Missouri, to exchange for a limited amount of horses and cattle. I am stocking a New Mexico ranch and want both registered and grade stock. Dairy stock included. S. B. ROHRER, Topeka, Kan.

IMPROVED FARM FOR MERCHANDISE. 160 acres in Anderson Co., Kansas, 3 miles from town, 80 acres cultivation, 80 acres pasture and hay land, all tillable, well watered, smooth, good 5 room house and barn, good land, ¼ mile to school. Price \$10,000. Incumbrance \$3,000. Will trade this farm for \$7,000 stock clean mase. in northern Kansas. WILSON & RESSEL, Colony, Kan.

FOR SALE OR EXCHANGE. No. 5 SP, 160 acres six miles of Oiden, a R. R. town, 100 acres in cultivation, 130 fenced, 7 room house, in good repair, large bank barn, and other outbuildings, well cistern, and stock pond, good family orchard. School ¼ mile. Perfect abstract title. Price \$6,000. Mortgage of \$1,600 at 5½ per cent due in 1917. For more information write to Jas. B. Webb & Co., West Plains, Howell Co., Mo.

For Sale or Trade A good farm in Oklahoma for land north or east. If interested write Box 903, care Mail and Breeze.

For Sale or Exchange Good rich tillable land in Oklahoma. R. T. WRAY & CO., Tyrone, Okla.

For Sale or Exchange Land in the great corn belt of Missouri, Kansas and Nebraska. Also Ranches. If you wish to make an exchange address M. E. NOBLE & SON, 507 Corby-Forsce Bldg., St. Joseph, Mo.

Trade Your Car For a Farm I have 320 acres in Stevens Co., Kansas, 12 miles from Hugoton, county seat, to which Santa Fe extension is building. All smooth, no waste, dark heavy sandy soil, price \$4,500. Will carry \$2,000 until Jan. 1914, at 7 per cent, take good car up to \$1,200 and balance in cash. Not a real estate man. D. D. LAND, Liberal, Kan.

FOR EXCHANGE

160 acres three and one-half miles of Waverly, Kansas, about 110 in cultivation. Balance prairie hay and pasture. Good new 7 room cottage. In nice yard with good cement walks. Good barn 4x56. Nice orchard. This is good black limestone soil. Want smaller farm. Northern Kansas or Missouri. What do you want to trade? We have others. O'NEIL & LATHROM, Waverly, Kansas.

240 Acres of Irrigated Land

close to Alamosa, Colorado. Will soon be in the city limits. Price \$100 an acre. Also \$2,000 worth of city lots in Oklahoma City. Will take gen'l mdse. on hardware store, not exceeding \$20,000 to \$24,000. STEVENS & RUBY, Stockton, Kan.

"Back to the Farm" Slogan Is Idle Chatter.

Dr. Myron T. Scudder, professor of the science of education in Rutgers College and a well known authority on agricultural economics, declared at a recent meeting of the Pennsylvania Rural Progress Association in Philadelphia that the cry of "Back to the Farm" was a rather silly slogan. Dr. Scudder offered as a substitute "Stay on the farm." "It is foolishness," declared the speaker, "to expect that city-bred men can hope to become successful farmers without the slightest accurate knowledge of farming for even the most simple agricultural problems. The only solution for the increased price of farm products, due to the decline in farm production, is to be found in encouraging the boys and girls on the farm to remain there, and not urge city folk to migrate to the country. What we want to emphasize at this meeting," concluded Dr. Scudder, "is that the one great function of country life is to train young people to remain contented in the farm districts." The views of Dr. Scudder reflect the belief of every progressive farmer in this country. And there can be no doubt that one of the chief causes of the desertion of the farms by the younger generation is the monotony and lack of variety in country life. To stimulate recreation among the children in the country is today not nearly so serious a problem as a number of years ago. Parties, dances, athletic sports, music, all these are valuable factors in providing interesting and healthy variety for mind and body. None of these is so important an asset in the country home as good music with its magic powers in "driving dull care away." Thanks to that wonderful musical instrument, the Victor talking machine, every form of music and entertainment is right at hand ready to be played at a moment's notice, to please the entire household, no matter what kind of music each one wants to hear. Entertainment such as this will go far toward keeping the younger generation at home, and at the same time it will bring pleasure and contentment to the whole family, young and old alike. It would be well worth while for every farmer to hear this music at the Victor dealer's store in his neighborhood. If you don't know just where the nearest dealer is write to the Victor Talking Machine Co., 24th and Cooper streets, Camden, N. J., and they will tell you, and will also send you their catalogs containing pictures of the world's greatest singers and musicians, and giving considerable information on musical subjects. See ad on page 12.

CASE makes Best Records at Winnipeg

Wins Gold Medal for Steam Engine. Wins Gold Medal for Gas Tractor

THIS 110 H.P. STEAM ENGINE BREAKS ALL WINNIPEG RECORDS AND NEVER FAILED TO WIN WHEN ENTERED



60 H.P. STEAM ENGINE

These Steam Engines broke all Winnipeg Records and were awarded diplomas instead of Gold Medals, because no manufacturers dared to compete in these classes against Case.



40 H.P. STEAM ENGINE

CASE
THE
ONLY ENTRANT
TO WIN
GOLD MEDALS
IN BOTH
STEAM & GASOLINE
CLASSES.



THIS 40 H.P. GAS TRACTOR
OUT-CLASSES ALL WINNIPEG COMPETITORS

The Winnipeg Motor Contest is International, under supervision of the Canadian Government and open to all Manufacturers of Farm Power Machinery.

The remarkable performance of the Case 40 H. P. Gas Tractor at the Winnipeg contest is more evidence of the Absolute Protection afforded by the Case Policy.

It has always been the Policy of the Case Company to do their experimenting at their own expense—not at the expense of the customer. Before a machine or improvement is allowed to go on the market under the Case name, it is tried out time and again by the severest tests that can be devised—subjected to strains and conditions far more severe than will ever be encountered in actual every day use—so that when we are finally satisfied to put the name "Case" on anything, you know beyond all question of doubt that you can safely bank on everything we claim for it.

The Case Gas Tractor is the result of 20 years of experimenting in the Case Laboratories and in the field. It is backed and guaranteed by the 70-year reputation of the Case Company as builders of Reliable Machinery. Therefore, when we placed it on the market, we knew it was "right" down to the smallest detail of its construction.

Every Case 40 Gas Tractor is an exact duplicate of the one that won the Gold Medal at Winnipeg. They are on exhibition at all our Branch Houses as well as the Case 60 H. P. Oil Tractor. Call at our nearest branch house and have them explain it to you, or if you can't do that, write us at once and we will mail you complete specifications and other information of vital interest.

Send for Catalog on Case Steam Engines for all purposes.

Every Case Sale is backed by Case Service—65 Branch Houses and 10,000 Dealers in United States and Canada.

WE have stated in the past that there could be no close competition between Case Engines and those of other makes. When Case competes, it is only against its own records. The truth of these statements is made doubly apparent by the 1912 contest; the nearest competitor in 1912 used 60% more coal per acre than Case. The best competitor's record in 1911 shows over 90% more coal used per acre than Case used in 1912. These results prove conclusively the dominance of the Case Steam Engine and the wisdom of the Case policy in continuing its progress in perfecting and refining the Steam Engine. Thus it has been proven by every possible test that the Case Steam Engines in competition and in every-day performance stand in a class by themselves. Here are shown the results of the 1910, 1911 and 1912 Winnipeg contests tabulated for easy comparison of the Steam Engines in different classes. The figures are official and speak for themselves.

Case No.	At the Fair	At the Fair	At the Fair	At the Fair
Case No. 13-1910	416 lbs.	416 lbs.	416 lbs.	416 lbs.
Case No. 14-1910	359 "	359 "	359 "	359 "
Case No. 15-1910	304 "	304 "	304 "	304 "
Case No. 16-1910	304 "	304 "	304 "	304 "
Case No. 17-1910	307 "	307 "	307 "	307 "
Case No. 18-1910	307 "	307 "	307 "	307 "
Case No. 19-1910	307 "	307 "	307 "	307 "
Case No. 20-1910	307 "	307 "	307 "	307 "
Case No. 21-1910	307 "	307 "	307 "	307 "
Case No. 22-1910	307 "	307 "	307 "	307 "
Case No. 23-1910	307 "	307 "	307 "	307 "
Case No. 24-1910	307 "	307 "	307 "	307 "
Case No. 25-1910	307 "	307 "	307 "	307 "
Case No. 26-1910	307 "	307 "	307 "	307 "
Case No. 27-1910	307 "	307 "	307 "	307 "
Case No. 28-1910	307 "	307 "	307 "	307 "
Case No. 29-1910	307 "	307 "	307 "	307 "
Case No. 30-1910	307 "	307 "	307 "	307 "
Case No. 31-1910	307 "	307 "	307 "	307 "
Case No. 32-1910	307 "	307 "	307 "	307 "
Case No. 33-1910	307 "	307 "	307 "	307 "
Case No. 34-1910	307 "	307 "	307 "	307 "
Case No. 35-1910	307 "	307 "	307 "	307 "
Case No. 36-1910	307 "	307 "	307 "	307 "
Case No. 37-1910	307 "	307 "	307 "	307 "
Case No. 38-1910	307 "	307 "	307 "	307 "
Case No. 39-1910	307 "	307 "	307 "	307 "
Case No. 40-1910	307 "	307 "	307 "	307 "
Case No. 41-1910	307 "	307 "	307 "	307 "
Case No. 42-1910	307 "	307 "	307 "	307 "
Case No. 43-1910	307 "	307 "	307 "	307 "
Case No. 44-1910	307 "	307 "	307 "	307 "
Case No. 45-1910	307 "	307 "	307 "	307 "
Case No. 46-1910	307 "	307 "	307 "	307 "
Case No. 47-1910	307 "	307 "	307 "	307 "
Case No. 48-1910	307 "	307 "	307 "	307 "
Case No. 49-1910	307 "	307 "	307 "	307 "
Case No. 50-1910	307 "	307 "	307 "	307 "
Case No. 51-1910	307 "	307 "	307 "	307 "
Case No. 52-1910	307 "	307 "	307 "	307 "
Case No. 53-1910	307 "	307 "	307 "	307 "
Case No. 54-1910	307 "	307 "	307 "	307 "
Case No. 55-1910	307 "	307 "	307 "	307 "
Case No. 56-1910	307 "	307 "	307 "	307 "
Case No. 57-1910	307 "	307 "	307 "	307 "
Case No. 58-1910	307 "	307 "	307 "	307 "
Case No. 59-1910	307 "	307 "	307 "	307 "
Case No. 60-1910	307 "	307 "	307 "	307 "
Case No. 61-1910	307 "	307 "	307 "	307 "
Case No. 62-1910	307 "	307 "	307 "	307 "
Case No. 63-1910	307 "	307 "	307 "	307 "
Case No. 64-1910	307 "	307 "	307 "	307 "
Case No. 65-1910	307 "	307 "	307 "	307 "
Case No. 66-1910	307 "	307 "	307 "	307 "
Case No. 67-1910	307 "	307 "	307 "	307 "
Case No. 68-1910	307 "	307 "	307 "	307 "
Case No. 69-1910	307 "	307 "	307 "	307 "
Case No. 70-1910	307 "	307 "	307 "	307 "
Case No. 71-1910	307 "	307 "	307 "	307 "
Case No. 72-1910	307 "	307 "	307 "	307 "
Case No. 73-1910	307 "	307 "	307 "	307 "
Case No. 74-1910	307 "	307 "	307 "	307 "
Case No. 75-1910	307 "	307 "	307 "	307 "
Case No. 76-1910	307 "	307 "	307 "	307 "
Case No. 77-1910	307 "	307 "	307 "	307 "
Case No. 78-1910	307 "	307 "	307 "	307 "
Case No. 79-1910	307 "	307 "	307 "	307 "
Case No. 80-1910	307 "	307 "	307 "	307 "
Case No. 81-1910	307 "	307 "	307 "	307 "
Case No. 82-1910	307 "	307 "	307 "	307 "
Case No. 83-1910	307 "	307 "	307 "	307 "
Case No. 84-1910	307 "	307 "	307 "	307 "
Case No. 85-1910	307 "	307 "	307 "	307 "
Case No. 86-1910	307 "	307 "	307 "	307 "
Case No. 87-1910	307 "	307 "	307 "	307 "
Case No. 88-1910	307 "	307 "	307 "	307 "
Case No. 89-1910	307 "	307 "	307 "	307 "
Case No. 90-1910	307 "	307 "	307 "	307 "
Case No. 91-1910	307 "	307 "	307 "	307 "
Case No. 92-1910	307 "	307 "	307 "	307 "
Case No. 93-1910	307 "	307 "	307 "	307 "
Case No. 94-1910	307 "	307 "	307 "	307 "
Case No. 95-1910	307 "	307 "	307 "	307 "
Case No. 96-1910	307 "	307 "	307 "	307 "
Case No. 97-1910	307 "	307 "	307 "	307 "
Case No. 98-1910	307 "	307 "	307 "	307 "
Case No. 99-1910	307 "	307 "	307 "	307 "
Case No. 100-1910	307 "	307 "	307 "	307 "

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