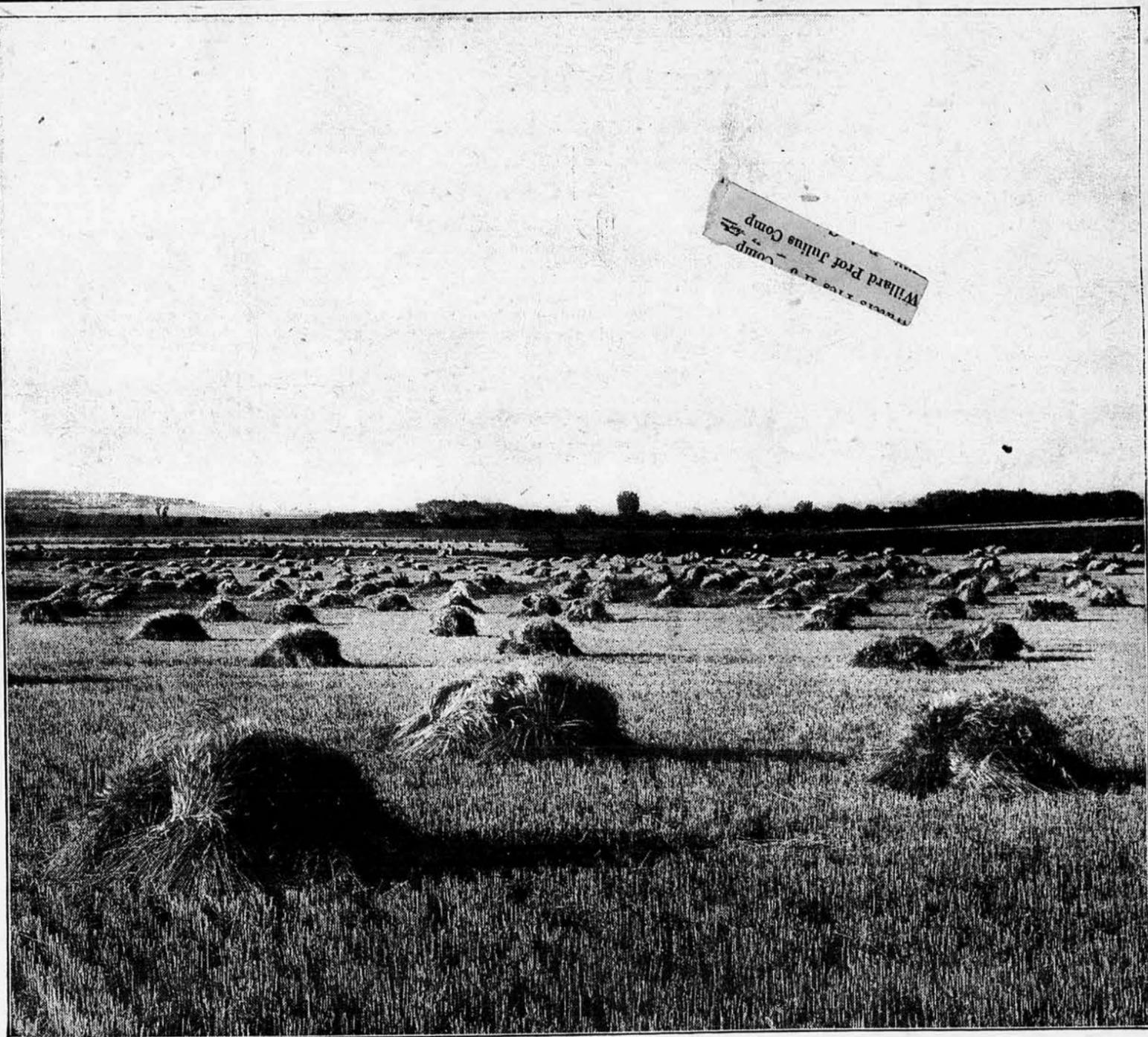


THE FARMERS MAIL AND BREEZE

Volume 42

July 13, 1912

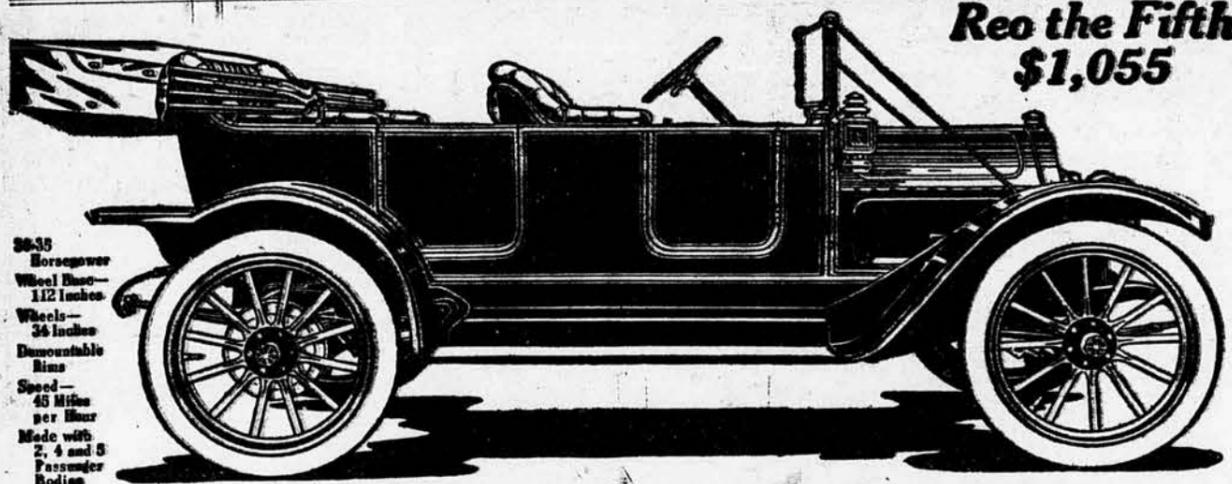
Number 18



A Yield of 47 Bushels of Wheat to the Acre, June, 1911, the "Dry Year"
(This was secured by sowing pure clean seed on an early plowed, well prepared seedbed.)

SUPPOSING that good corn year we have all been looking for so long is here in the disguise of a late season (stranger things have happened) it will mean the need of more hogs and cattle for feeding. Maybe you are one of the many who will this season start anew with hogs. If so you will want to read the very practical article written for next week's Mail and Breeze by Oscar Olson, Saline county's well known swine breeder.

Double the Rural Route Circulation of Any Kansas Farm Paper



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Horsepower
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112 inches
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Demountable
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45 Miles
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2, 4 and 8
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Bodies

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power and authority in the commissioner of corporations, or some other governmental agency, to make rigid examinations and give the fullest publicity to facts which the public should know, to direct every detail of the management of every corporation engaged in interstate commerce, including physical valuation of property, the amount of capital actually invested, the issue and sale of stock, the conduct of business and the appointment of a receiver whenever public interest demands such action, including the right to discharge any and all officials of these corporations who are unfaithful to their duties and do not comply with the rules of the department and the laws of the government precisely as it does in the case of national banks, then the Standard Oil company, the railroads and every corporation engaged in interstate commerce could be easily and perfectly controlled.

Poison For the Corn Ear Worm

BY T. J. HEADLEE,
Entomologist, Kansas Agricultural College.

[Written for Farmers Mail and Breeze.]

Last summer we undertook to find out whether the ear-worm could be destroyed and the corn protected by use of arsenical poisons. A piece of sweet corn, consisting of 7 rows, each 200 feet long, was selected for trial. The block was divided by a line crossing the rows at right angles. One plot was left untreated and the silks and tassels of the other were kept covered with a light dusty coating from the time they appeared until the ears were gathered. The dust used was composed of powdered arsenate of lead and air slaked lime, half and half.

The untreated and treated block yielded about the same number of ears per stalk, but 75 per cent of those from the treated plot were free from worms, while only 25 per cent of those from the untreated plot were free.

The air slaked lime and powdered arsenate of lead combination was not entirely inactive, for where the dust fell in large quantities in the axils of the leaves and stayed there the leaves were robbed of color at the point of contact. We are inclined to think that wheat flour or possibly powdered sulphur would be good substitutes for the lime.

For fear that some one will raise the question of whether this treatment might not injure the persons who consume the corn that has been thus protected, we especially call attention to the fact that not only is the dust easily washed off but it is placed entirely outside the husk which is itself torn off and thrown away.

When the corn begins to silk the moths lay their eggs almost nowhere else than on succulent silks. Eggs are rarely laid on dry silks, and comparatively seldom on the tassel. The young worms hatching on the fresh soft silk find the best of food and quickly penetrate the ear. Manhattan, Kan.

Keeping Chinch Bugs From Corn

Mr. Editor—I have been reading the complaints about chinch bugs and the methods employed in fighting them. I want to give you a method that has been tried with success in hundreds of cases. Cut as much of any green growing crop such as corn, wheat, oats, etc., as will amount to the same bulk as 16 rows of ordinary corn and throw this in neat piles of 3 or 4 armfuls each. Then go to the house and rest. I have never known this to fail. J. C. Gibson, Kinsley, Kan.

[This method has been tried more especially with corn at harvest time when the bugs are moving across into corn from wheat and oat fields. The first 4 to 6 corn rows on the side from which the bugs are coming are cut and laid in a continuous swath. The bugs congregate in this cut corn and on investigation a few days later they will be found dead by the thousands. The theory is that the chemical change in, or souring of the green fodder, poisons the bugs that eat of it.—Ed.]

A Book for the Gardener.

One of the best books published on an agricultural topic this season is "Vegetable Gardening" by R. L. Watts, head of the horticultural department of Pennsylvania Agricultural college. Prof. Watts is a past master of gardening and any large or small gardener will find his book full of useful information. It has 550 pages and is profusely illustrated. The Orange Judd company, 315-321 Fourth avenue, New York City, are the publishers and will furnish single copies at \$1.75 net.

These are the days when a little extra attention to the heifer calves will be like the sowing of good seed. It will mean a good harvest later.

The 1912 Sensation

By R. E. Olds, Designer

Five Times Oversold in May

I have built automobiles for 25 years. Reo the Fifth is my 24th model.

I have watched all the ups and downs of Motordom—all the comings and goings, the successes and failures.

But I never saw a demand like that which developed for Reo the Fifth this year. In April and May we could easily have sold five times our factory output.

My Final Car

Month after month I have told you the story, so you know why this call has come.

I built this car as my final creation, as the cap-sheaf of my career.

In this car I embodied the best I had learned from 25 years of car building.

This car marked my limit. Every detail showed the best I knew.

I analyzed all steel that went into it. I tested the gears in a crushing machine with 50 tons' capacity.

I used Nickel Steel axles—Vanadium Steel connections. I equipped the car with 13 Timken bearings.

To every part I gave big margins of safety. The carburetor I doubly heated for low-grade gasoline.

I Watched It

Then I took personal charge of the building, for I pledged my good faith on this car.

I saw that the parts were ground over and over, until we got utter exactness. I saw that each car got a thousand inspections.

The engines were tested for 48 hours. Each finished car was tested over and over, until it proved utterly perfect.

We did all this with every car, in the midst of the April rush. We do it today, and shall always do it so long as I build this car.

The Center Control

Then we equipped this car with my new center control. All the gear shifting is done by a small, round lever between the two front seats. It is done by moving this lever only three inches in each of four directions.

I got rid of all side levers, so the front doors were clear. Both brakes are operated by foot pedals.

In these ways I made possible the left-side drive.

Now nearly all makers announce for next season the center control and the left-side drive. But none can use my center control. They still use the old time levers.

The Amazing Price

Then we offered this car—the best I can build—for \$1,055. And nothing on the market could begin to compete with it.

The car is long, roomy and powerful. The wheels are big. The body is finished in 17 coats. The upholstery is the height of luxury.

The demand for this car will grow and grow as the facts become better known. I believe that each car will sell twenty.

But the price of \$1,055 can't last long. The price is too low for profit, and materials are advancing. Before very long advancing costs will compel us to ask something more for this car.

1,000 Dealers

Reo the Fifth is shown by dealers in a thousand towns. If you will write for our catalog, showing the various styles of body, we will tell you where to see the car. Address

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

Gov. Stubbs's Plan For Control Of the Big Corporations

Governor Stubbs on Saturday announced the platform on which he will stand as a candidate for United States senator. One of the most interesting features of the governor's announcement is his plan for handling corporations. He says:

The annual report of the commissioner of internal revenue for 1911 shows that stocks and bonds representing 88 billion dollars have been issued by various corporations in America. This amounts to 70 per cent of the entire wealth of the country. Such gigantic capitalization is a liability upon which the American people must pay, directly or indirectly, from their earnings whatever annual interest and dividends are paid by these corporations.

The aggregate interest and dividends paid by these corporations in 1911 amounted, approximately, to 45 million dollars for every state in the Union, which, for the population of Kansas, amounts to 85 million dollars a year, or \$250 for a family of five persons.

Laws to Protect People.

I regard as a matter of first importance the enactment of federal laws which will

protect the people from being compelled to pay extortionate prices to these enormous corporations in order that they may, in turn, pay dividends on stocks and bonds, a great part of which represents neither property nor value. This, in my judgment, is one of the chief causes of the high cost of living.

I am in favor of prohibiting absolutely the sale, or the advertisement for sale in the public press, or the use of the United States mails to sell the stocks, bonds and securities of corporations engaged in interstate commerce that have not been thoroughly investigated and approved by the federal government, with penitentiary sentence for violation of such law. I am also in favor of providing for the widest publicity consistent with good business, of the Standard Oil company, the Tobacco trust, the railroads, the Steel trust, Sugar trust and every form of monopolistic trade, and further, of providing for the same absolute control of all giant corporations engaged in interstate commerce that now is exercised by the federal government to control the organization and management of national banks. The national government exercises the right to know and direct every detail of the management of a national bank, including the issue and sale of its stock, the conduct of its business and the ap-

pointment of a receiver whenever public interest demands such action. The application of these principles to all classes of big business would be more effective in protecting the rights of the people against the rapacity and greed of trusts rendered by the supreme court during the last 20 years.

Need Laws to Attack Trusts.

The federal government has been prosecuting the Standard Oil company, for various crimes, in the federal court for more than a score of years. During that time the Standard Oil company has accumulated hundreds of millions of dollars through the violation of federal laws. It has wrecked and ruined the financial hopes and fortunes of hundreds, and perhaps thousands, of persons. Only recently the supreme court of the United States found it guilty of practically every crime charged against the corporation, and the penalty inflicted for these crimes provided only that the corporation must quit violating the federal law within six months after the decision was rendered. As a result of this decision the market value of Standard Oil stock increased more than 200 million dollars within a few months. This is a fair example of the prosecution of big corporations in the federal court and demonstrates that there is no hope whatever of permanent relief from the extortion and tyranny of monopolies and trusts under the laws and through the federal court as now constituted.

If congress would enact laws vesting



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LAYING THE FOUNDATION FOR THE 1913 WHEAT CROP

Two big things will be decided in the next three months; viz and to wit namely: Shall the people rule? And how much of a wheat crop shall we raise in 1913? The man who won the silver cup of the Top Notch Farmers' club of Farmers Mail and Breeze for the largest authenticated yield of wheat in Kansas last year, the dry year, simply got his ground ready early. That is one of the big corner stones in laying the foundation of a large yield of wheat. This article treats of that and the other three corner stones. Its writer, L. E. Call, knows Kansas soils like a book, and his suggestions for handling wheat ground are based on the best known facts of practical experience.—Editor's Note.

HOW many bushels of wheat will Kansas and Oklahoma produce in 1913? That will be determined by the time wheat is sown this fall. After the crop is sown weather conditions determine the yield. Should unfavorable weather conditions follow, the yield may be low regardless of our previous efforts. But with favorable weather a bumper crop of wheat cannot be grown unless we have done our part well. We must have our fields in a high state of fertility; we must prepare a good and proper seedbed, and we must sow pure, clean seed. Where wheat is to follow wheat or oats the preparation of the seedbed should be started as soon as possible after the preceding crop has been removed. The early preparation may be disking, listing or deep plowing. If the oat or wheat ground is disked it should be plowed as soon after disking as possible. The early disking checks the growth of weeds, germinates the volunteer wheat and conserves moisture so that the ground plows in better condition. When the soil is in ordinary moisture condition the plowing should be completed within one month after the early disking, otherwise the weeds and volunteer

Written For Farmers Mail and Breeze
BY LELAND E. CALL
Associate Professor of Soils, Kansas
Agricultural College

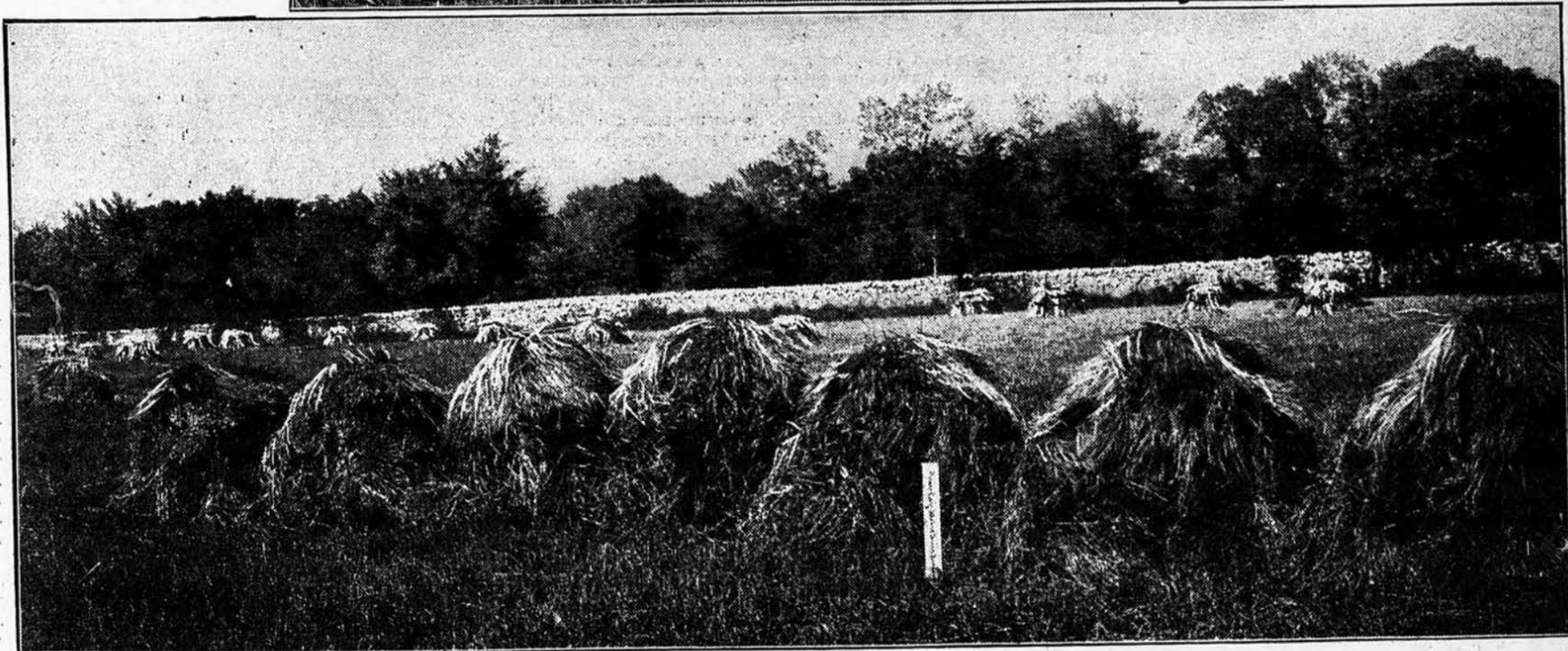
wheat will so exhaust the soil of moisture that little benefit will be derived from the disking. When ground is listed early the ridges should be split if possible and the ground worked level early in the summer unless there is danger of blowing, when a rougher condition of the ground is to be desired.

Everything considered, deep plowing is the best method of preparing the seedbed when the plowing can be done early enough in the season to allow the seedbed to become thoroughly firm and compact before the seed is sown. The time necessary for the seedbed to become compact will depend upon the amount of cultivation given the field and upon weather conditions. In eastern Kansas, with a comparatively heavy rainfall, six weeks usually will be required. It is seldom advisable to plow deep for wheat in this section of the state after the middle of August. As we pass westward in the state, the latest date for successful deep plowing for wheat will become earlier and earlier until we reach a

condition in the western third of the state where it is not advisable to plow deep for wheat unless the plowing can be done in the spring and followed by summer tillage. In the average season in western Kansas there is not sufficient rain after the middle of July to compact the soil and form a firm seedbed on deeply plowed land. So, where wheat is grown each year, deep plowing cannot be successfully practiced. It is advisable in this part of the state to plan a rotation of crops in such a way that summer tillage may be practiced upon each cultivated field one year in every three or four. Deep plowing can then be done in the spring in preparing the ground for summer tillage.

No one thing is of greater influence in determining the yield of wheat than the fertility of the soil. A fertile soil means more than a soil well supplied with plant food. It must also be a soil capable of absorbing and retaining the necessary amount of water to produce a maximum crop, and in addition to this it must be a soil in which the wheat plant finds favorable conditions for growth. Wheat does not find favorable conditions for growth in a soil that has been growing wheat continuously for a great many years. The production of one crop of wheat leaves the ground in poorer condition for the growth of the next crop, and each succeeding crop leaves the ground in still poorer condition. We can have the most favorable conditions for wheat only where wheat is grown in rotation with other crops. In the drier parts of Kansas it is impossible to grow two large wheat crops in succession unless the rainfall is above the average. The production of one large crop of wheat exhausts the subsoil moisture to such an extent that a second crop of equal size cannot be grown. The large wheat crop should be followed by a crop

(Continued on Page 8.)



These two views, made from photographs, show in a striking way the advantage of early preparation of wheat ground. The upper picture is of wheat grown on one-tenth acre of September plowing—35 bundles. The lower picture, somewhat enlarged to show all the bundles, is of wheat grown the same season on an adjoining one-tenth acre plowed in July—86 bundles.

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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."

SPECIAL NOTICE TO ADVERTISERS.

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



PASSING COMMENT

by
T.A. McNeal.

PARTY LOYALTY. In his statement made after his defeat at Baltimore, Champ Clark uses the following language:

I never scratched a Democratic ticket or bolted a Democratic nomination in my life. I shall not change the Democratic habit now. I am too seasoned a soldier not to cheerfully accept the fortunes of war. I lost the nomination solely through the vile and malicious slanders of Colonel William Jennings Bryan of Nebraska.

It is almost inconceivable to me that a man who was considered proper timber for a presidential candidate for a great party should use the language quoted. The language is so plain that there is no such thing as misconstruing it or of giving it such a charitable interpretation that it can be construed to mean something else than what the words declare.

It is a declaration that Mr. Clark has put his party above country and partisanship above patriotism in the past and means to do so in the future. It is a declaration of a man who has sought the highest office in the gift of the American people that no matter how dishonest or incompetent a man may be if he can only manage by hook or crook to get a nomination on the Democratic ticket he is certain of the powerful support of Champ Clark.

In other words, if a grafter could secure by ways that are dark and tricks that are vain the nomination for a public office at the hands of a Democratic convention Mr. Clark would deliberately help to foist the scoundrel onto the people to rob them.

If he had lived in St. Louis he would have been a loyal supporter of the boodling aldermen of the Democratic faith who were driven out of office by Joe Folk. If he had lived in either of the Chicago wards controlled by Hinky Dink or Bath House John he would have supported those worthies in robbing and corrupting the people of Chicago.

If the money interests had controlled the Baltimore convention as Bryan openly charged they were trying to do, and as nine-tenths of the people of this country believed they were trying to do, if these interests had been able to dictate the nominee of that convention and write its platform as a vast majority of the people of this country believe they would have done but for the fight put up by Bryan and the fear of an independent party that cast its shadow over that convention, Mr. Clark would, according to his own words, have supported that nominee and that platform with all his power, notwithstanding the fact that he would have known that it meant delivering his country into the complete control of that financial oligarchy.

It used to be rather common to hear men of both political parties say that they never scratched a ticket. I once heard a prominent Republican say in a speech that the worst Republican was better than the best Democrat. Fortunately few if any speakers are willing to make such a declaration as that now. It is a fortunate thing for the country that

such slavish adherence to party is no longer common. Most men now can see where the logic of such a declaration leads them. If it is right to support an incompetent or dishonest man for office simply because he has managed to secure a party nomination, it follows logically that his party associates should stand by him after he is elected and prevent if possible his removal from office or his punishment for dishonest acts while in office.

In other words, the logic of Clark's position is that Folk, while prosecutor in St. Louis, should have passed over all boodling Democratic aldermen and prosecuted only Republican boodlers. That was exactly the position taken by the Democratic boss of St. Louis who was himself prosecuted by Folk. He insisted that he had secured the nomination and election of Folk as a part of the Democratic organization and that it was an outrage that this man, elected as a Democrat should prosecute his fellow Democrats for violating the law by taking bribes while in office.

Champ Clark has never been charged so far as I know with being a corrupt man. I take it that he is personally honest, but his declaration is the strongest kind of encouragement for political dishonesty.

He probably prefers that his party should be right but he declares in effect that he will support his party right or wrong. He probably prefers that his party should nominate clean men for office but declares that he has never voted against any nominee of his party, no matter how unfit, and never intends to do so.

He belongs to the old Bourbon school of politicians that I think happily is passing away. Evidently Bryan did the country a service when he prevented his nomination for president.

MORE ABOUT WATER CONSERVATION.

A subscriber from Go-tebo, Okla., calls my attention to the error in the figures in a previous article concerning the possibilities of saving the flood waters out in western Kansas.

As this mistake in figures has already been noted it is not necessary to again give the corrected figures furnished by the Oklahoma subscriber. He does however, call attention to some other advantages not mentioned in my editorial on the subject. In addition to furnishing water for irrigating purposes during the dry season, this system of ponds and artificial lakes would furnish cheap ice which the farmers could store for use in summer. The ponds could also be stocked with fish that would help out the food supply greatly.

Another thing that has not been mentioned is this: Many of these reservoirs would cover considerable areas and furnish opportunities for boating out in that country. One of the drawbacks to Kansas is and always has been the absence of lakes of water where there is an opportunity to boat, fish and swim. These artificial lakes would never rival the natural lakes it is true, but they would greatly improve present conditions and add to the pleasure of living out in the short grass country.

There is nothing impractical about the scheme. It is simply a matter of money, labor and material.

TO HIRE OUT OKLAHOMA CONVICTS.

A reader sends me a copy of an Oklahoma paper containing an account of a plan that is under consideration for the working of the convicts in the state penitentiary and reformatory. The plan is to take these convicts out into the Panhandle country and sell their labor to the farmers at the rate of 40 cents per day.

It seems to me that there are the same objections to this plan that there are to the contract system of hiring out convicts anywhere, a system that is inherently vicious and which is so recognized by enlightened public thought everywhere. No doubt some of the farmers who would buy the labor of these convicts from the state would treat them humanely but there would be strong temptation to become a slave driver.

Secondly, it is fundamentally wrong for the state to permit private individuals to profit themselves by exploiting the labor of convicts whose earnings should either go into the public treasury for the benefit of the whole people of the state or should be used in supporting the families of the convicts, if they have families.

It is necessary that the state provide punishment for crime but it is not right that even the state should financially profit from the labor of the criminal. Whatever surplus earnings he may have after paying for the cost of his maintenance and the cost of guarding him while in prison should go to the support of his family, if he has a family, or if he has no family then the surplus should be saved for him by the state and turned over to him at the expiration of his sentence.

For example, if it costs the state of Oklahoma 40 cents per day to feed, clothe and guard a prisoner, and if that prisoner earns \$1 per day, 60 cents should be turned over to the support of his family, or if he has no family, it should be accumulated as a fund for him to start in business for himself when he again becomes a free man.

But if it is inequitable for the state at large to benefit financially from the labor of the convict,

how much more inequitable it is for the state to permit any firm, corporation or private individual to add to their private gain out of the labor of these men, who for the time being have become the slaves of the state.

A SUBSCRIBER ASKS QUESTIONS.

A subscriber at Scott City writes that while they are pretty well out on the edge of things, as it were, they think and talk among themselves on the great questions pertaining to government and human happiness and they would like some discussion of the following questions:

- (1) What would be wrong with the government monopolizing the money loaning business and using the interest to defray the expenses of government, thereby relieving the burden of taxes?
- (2) What would be the effect on the general welfare of the human family should we pass and enforce a law compelling all able-bodied men to produce something for the good of mankind equivalent to his consumption?
- (3) What is the difference in sinfulness between the white slave and her patrons and the person who sells his brain or brawn to his fellow men and his patrons?
- (4) What is the difference in sinfulness between the person who takes from his fellow men by superior physical force and the one who gets his subsistence through superior mental strength, strategy, craft, education or training, without giving something of benefit in return?
- (5) What would be the general effect on humanity should we pass and enforce a law to the effect that no one should sell his time or labor to another?
- (6) Who would be robbed or wronged in any way should we pass a law giving to each worker in a corporation an equal share of all profits?

There is more of the letter but these are the questions asked. There is a tone of sincerity about the letter generally that makes me believe that it ought to be answered honestly and frankly.

(1) I am decidedly in favor of the government getting control of the circulating medium of this country. I do not believe in giving the right to control either the volume of currency or the rate of interest over to a banking monopoly. I believe that it is entirely feasible to extend the functions of the postal banks of the country so that loans can be made through them to the people of the country in such volume as may be needed to transact the business of the country.

As the credit of the government of the United States is the best credit in the world I would regard the promise of the government to redeem currency issued by it as better than the promise of any private banking trust. I would have the government issue government notes made full legal tender in payment of all debts public and private and I would have the government through the medium of government postal banks lend government currency on good security at a low rate of interest, not to exceed 2 or 3 per cent.

So long as other commercial nations insist on a gold basis it might be well to conform to that custom. I would therefore have the government become the sole purchaser of gold bullion in so far as it was to be used for a monetary base, and cease to coin it except to supply the small demand that there might be for gold coin.

I do not believe that there ought to be any real need for a redemption fund, but if there is we have already demonstrated that one gold dollar is amply sufficient as a redemption fund for \$3 in outstanding currency. In our state banking system the state banks are permitted to extend credit to the amount of \$10 for every dollar of actual money they have in their vaults to redeem their outstanding obligations.

The government has piled in its vaults at present \$1,200,000,000 in gold coin or gold bullion. This vast amount is represented by outstanding gold certificates. I would have the government take up those certificates and force the owners of the bullion either to take their gold out of the treasury or to receive in lieu of it government full legal tender notes redeemable in gold and on the gold left in the treasury I would have the government issue at least \$3 in legal tender notes for each dollar in gold in the redemption fund. If the government should take the same privileges it permits to the banks it could issue from \$6 to \$10 for each dollar of redemption fund gold.

As I have said, I would have the government lend this currency through the postal banks and the interest derived should go to pay the expenses of the government. I would not however, be in favor of the government monopolizing the banking business by law. If private banks could successfully compete with the government banks they should have the privilege of doing so.

(2) I do not have much faith in laws compelling men to labor. Compulsory labor except as a punishment for crime is contrary to the spirit of our institutions. I would if I could make it exceedingly difficult for any able bodied man who would not work to get anything to eat, and as a corollary to that proposition I would have public works established so that he could not claim that he had no opportunity to earn a living.

(3) The third question of the subscriber is not very clear. I can see nothing wrong in selling my labor or the product of my brain to my fellow man, provided I sell it for a legitimate purpose. Under any system of government that might be devised, unless possibly a pure communism, the individual would have to sell the labor of his hands or brain to his fellow men. The Socialists claim that under

the system they propose each individual would be able to sell his or her labor for its full value.

(4) The person who cheats his fellow man out of what belongs to him, by trickery, by craft made possible on account of superior mental ability or superior cunning, does society a greater wrong than the strong brute who robs his fellow by superior physical force, for the reason that the operations of the former are harder to guard against than the operations of the latter and are even liable to be concealed under the cloak of respectability.

(5) I do not think that a law forbidding one person to sell his time or labor to another would be either practical or just.

(6) A law that would divide the earnings of a corporation equally among the workers without regard to the value of each one's labor would be communism and I do not believe that communism is either practical or just.

STILL ANOTHER INQUIRY.

Editor Mail and Breeze—I'm a reader of the great moral and agricultural guide and being an inquisitive sort of a fellow and also a life-long Republican, feeling proud of every president I ever voted for, commencing with Grant, the present campaign has brought out some things that I don't exactly understand and I suppose there are some others in the same predicament:

(1) I would like to know what is meant by the Initiative, Referendum and Recall.

(2) What do the Progressive Republicans propose to do?

(3) How can a man ask the Taft people to support him for United States senator when he is a Roosevelt man?

(4) How can any one claim that Taft stole or wrongfully got the nomination when Taft received 561 votes to Roosevelt's 107?

(5) How do you explain the fact that the people get a fair representation when the people do not go to vote? For instance, our township has about 150 to 200 voters. When the primary was called to elect delegates only seven voters were there. Six of them were Roosevelt men. The night was stormy and the people did not get out and I suppose was the same elsewhere.

(6) When a township fails to place in nomination a ticket in time to get the names on the ballot what can be done to elect a township ticket?

(7) I think if the people could have had a fair representation they would not have wanted either Taft or Roosevelt; Taft on account of his trying to force reciprocity on the people and Roosevelt on account of the third term. If you will please publish this in your valuable farm paper, the Mail and Breeze, I will greatly appreciate it.

I. C. MALSBURG.

Humboldt, Kan.

(1) The Initiative is the right of the people to initiate such legislation as they may desire, by petition to the legislature setting forth the measure desired backed by a petition signed by a certain per cent of the voters of the state, the per cent to be fixed by law. When such petition and measure is presented the legislature must submit the measure to a referendum vote of the people, either at some general election or at a special election called for that purpose.

The Referendum requires that any measure passed by the legislature before it becomes a law must be submitted to a referendum vote of the people when such referendum is asked for by petition signed by a certain per cent of the voters, or the legislature may on its own motion submit a measure to a referendum vote. The Recall applies to officials who have been elected. When a certain number of the electors in the state or district electing the officer signs a petition asking that he be recalled he may either resign or he may stand for another election. Usually 25 per cent of the electors in the municipality, district or state, depending on whether the officer is a municipal, district or state officer, is sufficient to start the recall.

(2) As the Progressive Republicans have not fully determined what they are going to do, I would not presume at this time to try to answer the second question. I have a pretty clear idea of what I shall do individually, but I cannot speak for others.

(3) I presume Mr. Malsburg refers to Governor Stubbs in connection with the senatorship. I have not talked with the governor concerning his plans and do not know what he expects. I rather think that he is not expecting a great deal of support from the hard and fast Taft men of Kansas, but as I have said, I do not know what he does expect.

(4) It is well known that most of the Roosevelt delegates at Chicago refused to vote for a candidate for president, claiming that the convention was so tainted by fraud that the 561 votes cast for Taft did not represent a majority of the fairly elected delegates in that convention. On the face of the vote Taft had 21 votes more than a majority, but the claim of the Roosevelt delegates was that considerably more than 21 of the 561 had no right to sit in the convention and that therefore Mr. Taft did not receive a legal nomination and that they were not legally or morally bound by the result of that vote.

(5) I do not claim that delegates elected by the convention system fairly represent the wishes of the people. That is the reason why I am opposed to the convention system and in favor of a direct presidential preference vote. If there had been a fair general primary vote all over the Union Roosevelt might or might not have been nominated at Chicago, but I am very certain that Taft would not have been nominated.

Mr. Malsburg's own township is a good illustration of the defects of the primary system. That primary only showed one thing and that was that six times as many Roosevelt men were willing to

brave the storm and go to the caucus as Taft men. If there had been a general primary the proportion of Roosevelt votes might not have been so great, but the probability is that Roosevelt would have had an overwhelming majority.

Personally, neither Taft nor Roosevelt was my choice, but regardless of that fact I am inclined to believe that Roosevelt was the choice of a large majority of the Republican voters of the country.

(6) If the voters of the township have failed to comply with the law and file nominations in time to get on the primary ballot, candidates might be nominated in one of two ways—either by voting for them in the independent column, or they could be put on the ticket in November by petition.

HOW ABOUT THE PANAMA CANAL?

Editor Mail and Breeze—Will you give us some light on the Panama canal? Is the Pacific ocean higher than the Atlantic ocean? If so, won't it drown out some one on the other side, as the Pacific has twice as much water as the Atlantic ocean? How long is this strip of land and how wide is it? Of course they have locks but in case of an earthquake what would happen?

Calumet, Okla.

The level of water in the Pacific is somewhat higher than that of the Atlantic which might cause trouble if the canal were an ocean level canal, but as it is a lock canal the level in the middle of the isthmus will be at least 50 feet above the high water level of the Pacific, so that I am not lying awake nights worrying for fear the waters of the Pacific will rush over into the Atlantic and drown out the people of the islands of the Caribbean sea.

The extreme length of the canal from deep water to deep water is 50 miles. The width at bottom varies from 300 to 1,000 feet. The width of the canal zone, to which I presume Mr. Norton refers is 10 miles. The United States has jurisdiction over this strip of land.

Engineers estimate that the canal will not be seriously injured by any ordinary earthquake but of course there might be an earthquake so much more violent than any the world has ever seen, so far as history records them, that it would destroy the strongest dams and locks ever made by man. That is a possibility but not a probability, so I am not going to worry much about that, either.

There are quite a number of things we cannot absolutely guard against in this world. We just have to prepare as well as we can for the probabilities and let the possibilities take care of themselves.

TIMES DO CHANGE.

Editor Mail and Breeze—It has been a long time since I had the honor of addressing a letter to the great agricultural and moral guide. Indeed, I had to some extent lost sight of the fact that it was still doing business at the old stand.

As a formerly of Kansas man, who has an abiding faith in the true greatness of Kansas and her people, I cannot forbear to let you know how one who has lived in and enjoyed the privileges of Kansas looks at the wonderful changes, politically, industrially, and even morally, that have taken place in Kansas since I had the honor to be a Kansas citizen.

Twenty-two years ago this summer I was living in one of the most beautiful sections of Kansas and I have a distinct recollection of the Populist upheaval that was sweeping over the state and the dire consequences I thought would ensue. I was a Republican in those days and when I heard Mary Lease urging the farmers to raise more of her favorite crop and less of the one that seemed best adapted to the soil, I regarded her as the ancient idolater must have regarded the alien infidel who laid profane hands on his favorite basswood god, for I had such a deep reverence for Republican doctrine that the doctrines that opposed it were to me on the borderland of sacrilege.

I remember how I used to fly for comfort to the pages of the Topeka Capital and the Mail and Breeze, which was then full as much of a moral but not quite so much of an agricultural guide as now.

Twenty and more years have flown and the snow is beginning to come in my hair, but fortunately I am still able to keep the frost out of my heart and I turn to the same old sources of unfailing comfort and find the editor advocating the lending of money to the farmers by the government; the Initiative and Referendum long since adopted as the rule of faith and practice; endorsing the direct primary, and after looking over "Passing Comment" I find about all the Populistic ideas of 1890 now the established thing in Kansas.

And if I needed any more proof, in one corner I find an appeal from Arthur Capper to the voters, telling them that the iniquitous fee system under his administration must go. Verily "the world do move" and a real live Kansas newspaper man moves with it and the writer of this has, he hopes, not stood "at gaze" like Joshua's moon in the vale of Ajalon.

Hoping that the great agricultural and moral guide heretofore mentioned may continue long in its heaven-born mission of giving sound advice to its numerous readers and that I may share in its benefits, I am very truly

WINFIELD S. SAMUEL.

Glencoe, Okla.

Undoubtedly the old time Populist has considerable reason to expand his chest and say, "I told you so," for things have moved in his direction even if his party did go out of business.

Even the Chicago convention which was supposed to be controlled by the stand-pat element of the Republican party put a plank in its platform, which if it means anything, proposes to commit the government to a plan for helping the farmers to borrow cheap money. The Democratic convention at Baltimore put a somewhat similar plank in its platform.

It must be said that both planks are somewhat

nebulous in their language and I am inclined to think were put there mostly for the purpose of catching farmer votes, but the fact that they were put in the platforms at all indicates a recognition of the fact that public sentiment is moving along in the direction of some of the old time Populist demands.

There are two kinds of men who are of mighty little benefit to the world. One class is made up of people who never change their opinions and the other class is made up of those who have no convictions about anything and shift about with every change of the wind.

Observations By Old Cy.

"One day I observed a red headed woodpecker examin' with great interest one of these insulators on a telegraph pole. He evidently heard some sort of a noise inside and concluded that there must be a worm in there. So he went to work on that insulator.

"I never saw anything, bird, beast or human, who seemed to be more devoted to his work than that woodpecker. He whacked away at that insulator till he must have mighty near ruined his bill but couldn't make no impression whatever. Still he kept at it for a long time. Finally it appeared to him that there was something wrong and he went away. The next day however, he come back and cocked his head to one side and listened. He heard the same kind of a noise he had heard the day before and went to it again.

"And then I said to myself, 'My red headed, feathered friend, you are like a number of humans I have seen who didn't have sense enough to know when they were up against an impossible proposition.' Many a man hasn't any more sense than a red-headed woodpecker."

THE DAILY CAPITAL AND MR. HOUSE

There has been some criticism recently in the Wichita Beacon and other newspapers of the Topeka political letter written by J. E. House, of the Daily Capital staff, to a syndicate of Kansas papers.

Mr. House for some inexplicable reason happens to be a "standpatter" of the most reactionary sort, and all of his letters are naturally tinged by his personal opinions and prejudices. For instance, he has recently repeated the silly and wicked story that Colonel Roosevelt was intoxicated the greater part of the time during the Chicago convention—a story already denounced editorially by the Capital in its issue of June 28 as a malicious slander, and a story to which no trained newspaper man would give the slightest credence unless blinded by prejudice and partisan hatred.

An editorial appearing in the Wichita Beacon apparently takes the Topeka Daily Capital and its publisher to task, for the tone of Mr. House's letters; but as a publisher I have never conceived that my province embraced the dictation of the political actions of the men employed upon my newspaper. They are hired because of their fitness for certain work and not because of their political affiliations.

To my mind, there is no idea more vicious than the notion that an employer or firm or corporation may "control" its employes on election day, or in the expression of individual political opinion.

Mr. House is not one of the chief editorial writers of the Capital, as stated in the Beacon, but is employed to conduct two departments of the paper—that of Sports and his well-known "Second Thought" column; and he does it well. But neither of his departments is in any sense political and neither has any bearing upon the policy of the Capital. In the Capital, Mr. House refrains from touching upon politics, upon the question of prohibition and other topics which are reserved for treatment in the editorial columns.

Only a portion of his time is employed upon the Capital, it being a part of his contract that he will have time for writing his syndicate matter, magazine articles and general literary work. As a matter of course, the Capital and its publisher are in no way responsible for the literary style or the political tone of such work.

I will admit that some of Mr. House's letters have at times been embarrassing to the Capital and to me personally, but the embarrassment has arisen not so much from the letters themselves—which, frankly, I consider perfectly harmless although biased and sometimes misleading—but from the unfair use that some of the brethren of the press have made of them. I do not consider it just or fair for any editor to use Mr. House's political writings for other newspapers in a manner which intimates or suggests that the Daily Capital is in any way responsible for them—and yet, this is of frequent occurrence.

But such embarrassment is not important compared with the great principle that every man shall have the utmost freedom of speech—no matter how foolish his notions.

Arthur Capper



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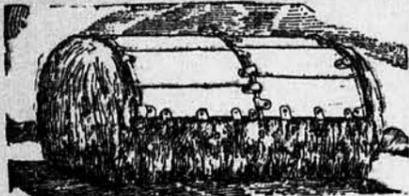
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JAYHAWKER FARM DOIN'S

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 reasonable and likely to help some of us who may need the information. Your letters are always welcome. Subscriptions to Farmers Mail and Breeze or other good publications for best letters received. Address Editor Farmers Mail and Breeze, Topeka, Kan.

Prairie hay is being made here now in amounts that make a scarcity look at least 12 months away. The crop will make nearly double the tonnage of one year ago.

Yates Center and Gridley are two of the greatest hay shipping points in the West, which means the whole United States. The quality of the prairie hay shipped from this region cannot be excelled by any in the whole world and it generally brings from \$2 to \$3 more per ton on the Chicago market than Nebraska or Iowa prairie hay.

This is because our hay is all broad leaf upland grass, being what most people call bluestem. The prairie hay of other sections is lowland grass, which is coarse and much poorer in quality. A hay dealer in Omaha told us that he considered Kansas prairie hay worth at least \$2 more per ton than Nebraska hay and he dealt mostly in the Kansas article when he could get it.

We expect to lose some hay by wet weather this year or at least have some damaged. This is only going by the law of averages, for last year we did not have a single forkful of hay spoiled, either wild or tame. At this writing we have our clover cut down and hope to miss rain on this, but may not, as it is taking a long time to cure.

Most of the clover hay in this neighborhood was put in the barn last week, but this of ours grew on low moist ground and when other clover was showing brown heads this was just in bloom. Another thing that is making clover hard to cure this year is the large amount of new growth there is in it. The seed came early and grew fast this spring and it is now half as high as the last year's plant.

While the second crop of clover was too small to cut in most cases last year what there was made an immense amount of seed, as it always does in dry years, and this seed made a thick stand this spring. We fully expected to have to plow ours up this fall, but will not now for at least another two years, as it is on loose, moist ground that does not get hard.

Many let clover stand for several years on the same ground, the place of the old plant, that dies at the end of the second year, being supplied by the new that comes up from scattered seed. Where it is not pastured a good crop can sometimes be raised for a number of years in this way, but on heavy soils usually it does not do so well and to get the best results it should be plowed up even if it does show a fair stand. At any rate, this has been our experience in this section where the soil is inclined to be pretty heavy.

Much as we dislike hot weather we shall welcome it this year if it be accompanied with moisture enough to keep vegetation growing. We have simply got to have some hot weather to push the crops along. So far, corn, Kafir and all such crops have made a slow growth and at no time in this section has there been a lack of moisture. It has simply been too cool nearly all through June. But knowing Kansas as we do we are not alarmed but that hot weather enough to mature all crops will be present during the next two months. Like as not before this is in print it will be hot enough for anybody, but we never did expect to see a June 22 in Kansas so cool that many who rode wore overcoats.

Here is where we are ahead in Kansas. In the North a setback like this means worry, for the season there is never much too long to mature corn even when most favorable. Here we can catch up and there many times they cannot. Between here and our old home in Nebraska there is also a difference of two weeks in the date of the first killing

frost in the fall and this also helps some, especially with the Kafir.

The other evening while on the way home from town in the auto we met a young fellow whose horse acted up a little when he met the car. We stopped the machine, as we always do in such cases, and the horse sidled by. After he was well by the young fellow began using his whip and made the horse smart considerably. This was an extremely foolish thing to do and will make the horse more than ever afraid of autos hereafter. He will associate his whipping with them and will fear that the next time he meets one the passing will be accompanied by another whipping. Coaxing will do much more than whipping with 99 out of 100 horses.

When out on the road with the auto we have always tried to do as we would be done by. We do not want to scare any horse and would go to almost any lengths to avoid it. In return we have met almost universal courtesy from the drivers of horses and many times they have given up their share of the road rather than compel us to drive close to an awkward ditch. Many realize that an auto cannot go where a horse driven vehicle can, especially when the sides of the roads are slippery and they have given the center of the road up to us rather than make us any trouble. We appreciate such courtesy and hope that all auto drivers will do their best to retain the good will of those who drive horses. Few auto drivers are mean, but we ask those who meet them not to lay it up against all auto drivers. A fool is a fool whether he is in the driving seat of the auto or elsewhere.

We see that the question of having the so-called "farm adviser" is still being debated by some who, if they would consult with a few real farmers would feel the need of a little advising themselves. It seems to us the idea of a farm adviser is not only uncalled for among farmers, but is foolish besides. From where are these farm advisers to come? Where are you going to find a man with ability enough to really advise farmers who will work for the salary that is proposed? If you can find a man with ability enough and sense enough to advise the farmers of a whole county, do you suppose that man cannot see that he could make double what his salary as an adviser would be by merely putting his ideas into practice on a farm of his own?

If any man thinks he can advance his own interests or the interests of the great body of farmers by foisting a county advisor on the people we would counsel him to take a vacation for a few days and get out among the real farmers and see what they think of the plan. To newspaper farmers, who do their farming on some city lot, we suppose the plan looks good, but to the real farmer it looks extremely foolish. We are mighty certain of one thing in this connection; we should hate to be the man who would be sent into the average farming district to pose as a "farm advisor." We should expect an extremity of weather in our reception; it would either be very hot or extremely cold. If any man thinks that the majority of farmers are in favor of the advisor, we stand ready with this proposition: Let him come to this county and take a vote of the farmers on the question; if one farmer in 10 in the whole county is in favor of it, we will pay the whole expense of taking the vote and will put the money in the bank for that purpose before starting out.

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What Farmers Are Thinking

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

Why Tax Farm Machinery?

Mr. Editor—I beg you to allow an old Democrat to give his reasons for voting for Arthur Capper for governor of the great state of Kansas. Brother Capper has set some wise counsel before Mail and Breeze readers and made some promises which if carried out will be of great good to all the people. Mr. Capper says he is in favor of lowering taxes. Amen. He says we have too many useless laws. Good. He says he is not in favor of paroling bankers who are guilty of crime. All this is good.

Now will he please allow the old Democrat to tell of a few things that will help to lower taxes and be of lasting benefit to the tillers of the soil? Let Mr. Capper work until a law is passed, free from all technical flaws, that will exempt from taxation all farm machinery after three years' service on the farm. Give us a law that will give a rebate to every farmer who keeps a pond of water of 1 acre or more on his place. Such a law would work wonders for Kansas. As things are now, if the farmer builds a new pig pen he is taxed for it; if he paints his hen house he is taxed, and of taxes there is no end.

Another thing the state needs is a cement plant, the same as we have a twine plant. The cement companies tell us they can send cement to market at 10 cents a sack. But don't burden us with a county farm superintendent to ride around and tell the farmers they haven't got enough sense.

I see Mr. Capper does not like the inheritance tax law. God bless him for that. Knock it in the head at once or as soon as you can. That law was born in a flat head. J. A. Smith. Penaloza, Kan.

["Old Democrat" makes some pertinent suggestions. Take one of them: When you

GOOD NIGHT'S SLEEP

No Medicine so Beneficial to Brain and Nerves.

Lying awake nights makes it hard to keep awake and do things in day time. To take "tonics and stimulants" under such circumstances is like setting the house on fire to see if you can put it out.

The right kind of food promotes refreshing sleep at night and a wide awake individual during the day.

A lady changed from her old way of eating, to Grape-Nuts, and says:

"For about three years I had been a great sufferer from indigestion. After trying several kinds of medicine, the doctor would ask me to drop off potatoes, then meat, and so on, but in a few days that craving, gnawing feeling would start up, and I would vomit everything I ate and drank.

"When I started on Grape-Nuts, vomiting stopped, and the bloated feeling which was so distressing disappeared entirely.

"My mother was very much bothered with diarrhea before commencing the Grape-Nuts, because her stomach was so weak she could not digest her food. Since using Grape-Nuts food she is well, and says she don't think she could do without it.

"It is a great brain restorer and nerve builder, for I can sleep as sound and undisturbed after a supper of Grape-Nuts as in the old days when I could not realize what they meant by a "bad stomach." There is no medicine so beneficial to nerves and brain as a good night's sleep, such as you can enjoy after eating Grape-Nuts." Name given by Postum Co., Battle Creek, Mich.

Look in pkgs. for the famous little book, "The Road to Wellville."

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

come to think about it, who can defend a tax on farm implements? In other words, is it good sense and statesmanship, at a time when an elaborate equipment of machinery is necessary to properly work a 160-acre farm, to put a tax or penalty on the use of tools that tend to increase the general well being and prosperity of the people? What man of sense can really defend such a policy?

Kansas has a law whereby the man who dams up an acre foot of water on his land is entitled to a reduction of \$100 in valuation on each piece of land, not less than 10 acres, on which the dam is located. According to the amount of water stored and the nature of the dam the reduction in valuation may be as great as \$300. But the amount is not as large as it should be to encourage the building of dams and there are numerous redtape requirements that many farmers will not bother with. A synopsis of this law is published elsewhere in this issue.—Ed.]

What Young Folks See in Town.

Mr. Editor—This is why our young folks are seeking other vocations: Give the farmer government protection and the city folks long working days and less pay. If we cannot have that, then brother farmer, stop working so hard, sit ten your day's work and do your own business. Be content with what land you have. The thing that is at fault is the greediness of the farmer who cannot get enough land, or the jealousy of seeing his brother farmer getting ahead with his work and improvements. One tries to get ahead of the other so there is no end to the day, and many farm families in consequence have no time left to enjoy the good things God has put here for them in the beauties of nature. They slave along from morning to night and their eyes are open only when they get to town. Go to town in the summer time and they see the ladies and even the hired girls dressed up for a walk at 4 or 5 o'clock while the men take it easy after 6 o'clock. When the farm produce is taken to town they see how the merchant and middleman get the largest portion with least work.

Our children should be taught to love nature, in the home as well as the school. Let them study and become interested in plant life. To make your child love the free life of the country teach it to understand and love nature. Fred Schneider.

Sylvan Grove, Kan.

The People Believe in Capper.

Mr. Editor—The political affairs that confront us at present are such that we must have an absolutely honest and conscientious business man to fill the office of governor in Kansas. Mr. Capper is a Kansas product of whom we may justly be proud. He has made a success of everything he has undertaken and I believe he is capable of managing a still greater business, that of running the state's affairs. The people believe in Mr. Capper and his platform and are confident he will make good. A. L. Socolofsky.

Ramona, Kan.

Battle of the Man and the Dollar.

Mr. Editor—Since our party leaders betrayed us at Chicago for a mess of pottage it seems to me, a plain farmer, that this is the final battle between the man and the dollar. The question at issue today is far more vital than that which our country had to face in '61. Instead of 4 millions of slaves to be freed there are 90 millions of us to be freed today. To make the chains upon these 90 millions still heavier, these party leaders have re-nominated Taft. Over 2 million voters voted for Roosevelt in the recent primaries while only about 900,000 voted for Taft. If the progressives will hold together and vote for Roosevelt, if he runs on an independent ticket, and for the Democratic candidate if he does not, then we can free ourselves and still save the old party. The Republican party is at the parting of the ways as was the Whig party at the opening of the rebellion. The Whig party died as the Republican party will die if it does not get back to the straight and narrow path. Elmer E. Beggs.

Weir, Kan.

Wants a Capper-McNeal Ticket.

Mr. Editor—I am a reader of Farmers Mail and Breeze and think it is one of the best farm papers in Kansas. I am for Capper for governor and Tom McNeal for the Mail and Breeze. We can't do without the Mail and Breeze and Tom to run it. John A. Thresher.

Jetmore, Kan.

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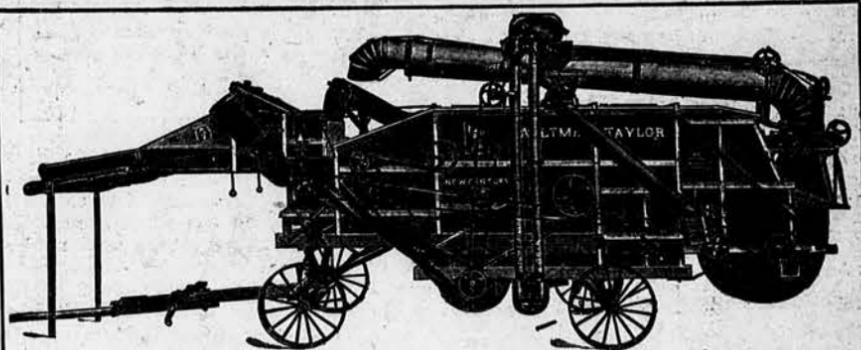
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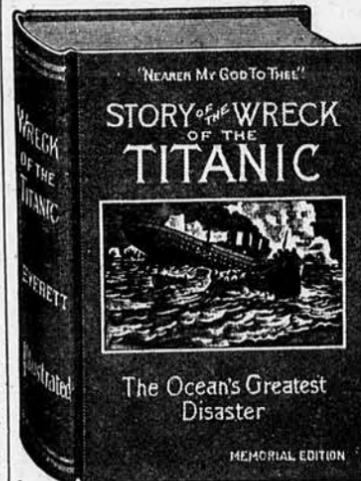


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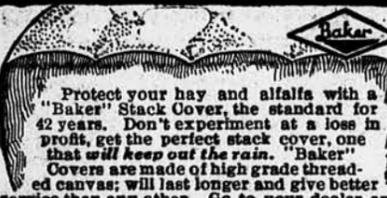
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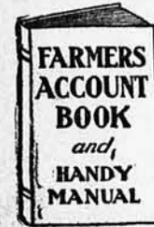
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VALLEY FARMER, Dept. AB-10, Topeka, Kansas



The 1913 Wheat Crop
(Continued from Page 3.)

planted late the following year, such crops as Kafir, milo or corn. This would give sufficient time for moisture to accumulate in the soil before another crop was planted.

Rotation of crops alone is not sufficient to keep the soil in good condition for growing wheat. The supply of organic matter in the soil must be maintained. Organic matter is necessary to enable the soil to absorb and hold the water required to produce a large wheat crop. Organic matter keeps the soil mellow, makes it work easily, and prevents it from baking and crusting after rain, and thus permits the soil to absorb moisture more rapidly. Organic matter is spongy in nature and thus enables the soil to hold a large quantity of the moisture absorbed. There is no greater insurance against dry weather than to keep the soil well supplied with organic matter. We cannot keep up the supply of organic matter in our soils if we grow wheat year after year, burn the straw and even burn the stubble. This practice is robbing the soil of organic matter, making it less able to hold moisture and, therefore, less able to withstand drouth. It will eventually ruin our wheat farms.

To maintain the fertility and keep up the supply of organic matter in our soil we must limit the area that we sow to wheat; we must grow our wheat in rotation with other crops, crops which may be used as feed for livestock; we

The scale is necessary on the farm—just as necessary as in the grocery store or the coal yard.
—W. C. Palmer.

must feed the crops produced to livestock on the farm and return the manure to the soil. In addition to this, all straw produced on the farm should be worked into manure when possible. Where this is impossible the straw should be applied as a thin top-dressing to the wheat during the winter. In addition to this the plowing under of green-manuring crops to supply organic matter may be necessary when sufficient manure is not produced on the farm.

Next to the fertility of the soil the manner in which the seedbed is prepared will most largely determine the yield of wheat. The ideal seedbed is a firm, well compacted soil. To prepare a firm seedbed from a soil that has been previously worked deep requires time. It is not accomplished in a day, a week or a month; it is the result of many days of settling, some good packing rains and frequent cultivation. Thus the time necessary for the preparation of the ideal seedbed is at hand only when the preparation of the ground is started early. The advantages of a firm seedbed that result from early plowing or listing and frequent subsequent cultivation cannot be overestimated. A firm seedbed is absolutely necessary if the subsoil water is to be utilized by the young wheat plant. On loose, poorly packed soil there is such poor connection between the soil particles that moisture cannot be raised by capillary attraction from the subsoil. Under this condition the soil may be well supplied with subsoil moisture and the wheat fail to germinate because of the loose condition of the soil, which prevents the rise of the water.

A firm seedbed is only one of a number of benefits that result from the early preparation of the soil. Moisture is conserved and plant food is made available in this way. The conservation of moisture results from the killing of the weeds that sap the ground of water, and from a looser condition of the soil that more readily absorbs rain. The cultivation of the soil after packing rains forms an earth mulch which prevents the loss of moisture by evaporation. In the drier parts of the state perhaps the greatest benefit resulting from an early preparation of the soil is the conservation of moisture. Where moisture is more plentiful the greatest benefit results from the liberation of plant food, and especially of the plant food nitrogen. Plants use nitrogen in the form of nitrates. Nitrates are formed as the result of bacterial action. The bacteria that form

nitrates work only in well-aired soils. Accordingly the better the soil is aired the more nitrates are formed. It is evident, therefore, that the greatest development of nitrates takes place in soils plowed earliest and given the most frequent cultivation throughout the summer. We find the firmest seedbed, the most plant food, the greatest accumulation of moisture and usually the largest yield results from the earliest preparation of the soil.

Next, the kind of seed to plant is the most important consideration in obtaining a perfect stand and large yield of wheat. It matters not how much attention is given to seedbed preparation, unless similar care is exercised in the selection of the seed.

The results of variety tests at the Kansas State Agricultural college have shown conclusively that the hard, red winter wheats, to which class Turkey Red and Kharkof belong, are best adapted to our conditions. The hard red winter varieties came to us from Russia, where they have been grown for ages under conditions similar to our own. Since their arrival here an endeavor has been made, and with a great deal of success, to further improve them for our conditions, in both yield and quality. As a result of all the work done in breeding and distributing strains of this group of wheats we now have varieties excellently suited to our conditions. This makes it advisable that every man suitably situated to grow hard red winter wheat get his seed from within the state and as near home as possible, providing it can be obtained of good breeding and free from mixture with other varieties.

Farmers in eastern Kansas, where the soft red winter wheats do best, should take similar precautions in obtaining their seed; that is, they should get homegrown seed whenever it is possible to obtain it pure and of good breeding. If the farmers of Kansas can be persuaded to grow one kind of wheat there will be much less danger of mixing, and the state will become even more noted than it now is as the producer of a special kind of wheat, which, undoubtedly, will result in a better market and a more uniformly higher price.

Not only is it necessary to use seed of an adapted variety, but it is as important that it be pure, unmixed with other kinds of wheat or other kinds of grain, such as oats, barley, rye, etc., or weed seeds. Only seed that will grow and produce strong plants is fit to sow; yet at least 20 per cent of the 5 million or more bushels used for seed every year in Kansas consists of cracked, immature or injured kernels that will not grow. This is a result of the general lack of appreciation of the benefits to be derived from the use of the fanning mill or grain grader in preparing seed wheat for planting. The common practice is to plant seed in the condition in which

Somebody is going to make money in cattle one of these days—if he doesn't wait too long to get in the game.

it came from the thresher, notwithstanding the fact that such seed always contains a large percentage of damaged grains and weed seeds.

Experiments show it pays to use the fanning mill in grading wheat for seed. Even if the seed be clean, that is, clean with respect to such foreign matter as weed seed and chaff, the elimination of small, shriveled, undeveloped kernels and injured kernels, will warrant its use. Unless the fanning mill or some other means as effective be used to clean the grain that is to be put into the ground, it will be impossible to know how much of that planted will germinate and grow. It will also be impossible to determine when sufficient seed is being sown to produce a perfect stand.

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VALLEY FARMER, Dept. AB-10, Topeka, Kan.



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.

How Much Wheat to Sow Per Acre?

Some of our farmers advise sowing 3 pecks of wheat per acre for early sowing and 1 bushel for late. I don't like less than a bushel. What is your experience on this?—S. B. M., Brownell, Kan.

In my judgment 3 pecks of good seed wheat per acre is an ample amount to sow in a well prepared seedbed in the western third of this state. The tests at this Experiment station favor that amount. Early seeding, with soil in good condition, may require even less seed. Often as good yields may be secured by sowing a half bushel of good seed wheat per acre as by sowing more. A. M. TenEyck.

Making Soddy Ground Ready for Wheat.

I have watched your answers to farm questions in the Mail and Breeze and like them. I am thinking of putting in some wheat (about 60 acres) on new ground that was broken a year ago this summer with a steam plow. Some of it is weedy and soddy. Would it pay to plow or list it this summer about 4 or 5 inches deep or disk it two or three times through July and August? This is a kind of an adobe soil with a little sand in it. It is irrigated land.—P. K. T., Boone, Colo.

I should advise replowing 5 to 6 inches deep at an early date and then give such disking and harrowing after plowing as may be required to keep a clean summer fallow and put the soil in good seedbed condition. Plowing will give better results than disking or listing on this ground, because of the soddy, weedy condition. A. M. TenEyck.

Would Sow Sweet Clover in Corn.

I have read your letters on Sweet clover in Farmers Mail and Breeze, and the article by F. D. Coburn. I find some of the Sweet clover growing rank in the road, only 1 mile from my farm and have dug up some of the plants and set them out on my farm. Would like to know where I could find some of the seed to try seeding a small patch this fall. The land is sandy. The land where I want the Sweet clover is in corn. How would it do to sow the clover in the corn about the first of August?—J. W. E., Kingman, Kan.

You may secure Sweet clover seed from almost any reliable seed firm. If you keep the corn clean, the plan which you propose of sowing in the corn in August may work all right, if the fall is not too dry. I am mailing circular giving further information on Sweet clover. A. M. TenEyck.

New Alfalfa Doing Poorly.

Can you tell me what to do for my alfalfa? Last spring I plowed up some sod, disked and marked it down in fine condition, and sowed rye. Got a fine stand, but it grew slowly and in the fall some of it died out. I am afraid it will not make growth enough to leave. Would it do to disk it well and sow to cowpeas this summer, and next spring sow to alfalfa again?—R. H. H., Keenan, Okla.

I would not be in too big a hurry to plow up or disk out this new seeding of alfalfa. With favorable weather conditions, it may come out all right yet. Mow it when it reaches the blooming stage, and prevent weeds from seeding. If it appears later in the summer that the stand is too poor to leave, then disk and harrow in August and reseed if weather conditions are favorable, otherwise wait until spring.

Perhaps it would have been better to have farmed this land a year or two and subduced it before seeding the alfalfa. However, on sandy land it is often advisable to seed alfalfa in new breaking, since the new land is not likely to blow. Good stands of alfalfa are often secured by seeding on new breaking. A. M. TenEyck.

Early and Late Plowing for Wheat.

We are making ready to plow our wheat land early and at least 6 inches deep and follow up with another team hitched to subsoiler, run in the same furrow 4 inches deeper, to loosen up the bottom of the furrow. What do you think about this way of plowing for wheat, if done in the fall of the year?—L. H. S., Paxico, Kan.

It will not be advisable to prepare the seedbed for wheat in this way, unless the plowing is done in June or July, since if loosened so deeply later in the season, the soil is likely to remain too loose to make a good seedbed. In fact I doubt the value of subsoiling for wheat, better plow an inch or so deeper and plow early giving sufficient surface cultivation thereafter until seeding time, to destroy weeds, also, pulverizing and

firming the soil and conserving the soil moisture. Subsoiling is an expensive method of improving land, better deepen the soil by plowing a little deeper, meanwhile increasing the supply of organic matter in the soil by means of green manuring crops, crop rotation, etc. I am mailing Bulletin No. 176 on wheat culture. A. M. TenEyck.

Establishing Alfalfa in Trego.

I am breaking bottom land now for alfalfa. Would it be advisable to disk this and plant in July or better to backset it and plant in August? We have a packer. How would it do to scatter manure or straw thinly over the soil just after the seed is planted, to hold moisture, and protect the plants? Would this interfere with the seed coming up through it? Would it be better to disk the manure in before planting? Most all the alfalfa seed sown in this county for the last three years has been lost either through drouth or blowing. I had an excellent stand on 25 acres last fall, and it dried out and blew out. Would manure on the surface protect it?—A. R. H., Trego county.

In preparing this soil for alfalfa, I would advise to disk it well in July and backset it in August or September, and disk again, and seed alfalfa early in the spring if the soil conditions are favorable; but if the spring is dry, wait until the May or June rains. Spring seeding is surer than fall seeding, and you may secure a more settled better pulverized seedbed by spring seeding than by fall seeding.

A surface dressing of manure or straw on newly seeded alfalfa is all right. Usually, I would prefer to give the dressing before seeding and mix it with the surface soil by disking. A surface dressing of straw or manure packed into the soil with the subsurface packer, or manure mixed with the surface soil will largely prevent soil drifting. A. M. TenEyck.

Pasturing Cowpeas Sown in Corn.

Would it be profitable to sow cowpeas in corn, then husk the corn, and pasture the peas with hogs? Which would be more profitable to pasture them with, hogs or cattle? About how late could a person sow them? Would weeds smother out the cowpeas? Would hogs bother wheat or alfalfa, while pasturing the peas? Would hogs fatten on them without any corn?—W. A. M., Mt. Hope, Kan.

I do not think the plan of pasturing cowpeas in corn with hogs, after the corn is husked very practicable. A better plan would be to "hog" the corn down earlier in the fall, when the cowpeas would supply the necessary green food. The first frost will kill the cowpeas, and they are not of much value for pasture after freezing. In the Southern states the plan is to pasture the mature cowpeas with hogs, and this is a fattening food, but the green forage will hardly fatten hogs without the addition of some grain. Cowpeas planted in corn seldom mature much seed in Kansas.

The cowpeas will be more valuable for pasturing cattle than hogs, if the crop is not pastured until after the corn is husked.

The cowpeas may be sown broadcast and covered at the last cultivation of the corn, or planted with a one-horse grain drill, not later than last week in July.

Weeds, especially crabgrass will greatly hinder the growth and reduce the yield of cowpeas. The hogs would likely graze on the alfalfa and wheat in preference to the cowpeas unless the cowpeas matured seed, then they would doubtless prefer the cowpeas. The New Era is an early maturing variety and well adapted for sowing in corn. Some plant only one or two drill rows of cowpeas between the corn rows. This requires a peck to a half a bushel of seed per acre. Planting four or five drill rows of cowpeas between corn rows requires nearly a bushel of seed per acre. I have used a one horse grain drill for planting with good success. The grain drill may cut or split some of the seed. Your sandy soil should be well adapted for growing cowpeas. I am mailing Bulletin No. 160 giving further information. A. M. TenEyck.

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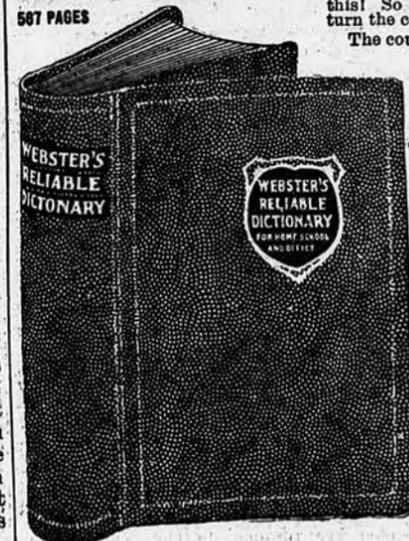
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Feeds & Feeding

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

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

Grazing Sheep in the Corn.

I lost nearly all my wheat this year by freezing and blowing. I have put in 300 acres of corn, 40 acres of milo, 20 of Kafir and sorghum. I have one half section fenced and cross fenced. I am thinking of getting some sheep to run in the corn and eat the lower foliage which grows very heavy and perhaps finish them on corn and the milo in the fall. What kind of sheep, ewes or wethers would be best, buying and selling considered? I am putting up a silo.
—C. M. H., Lewis, Kan.

Sheep will make splendid gains on the green herbage and the lower leaves of corn, Kafir and milo. Western lambs will not bother the grains, or at least not until they have been pastured some time in the fields. Lambs are probably most in demand on the market and a great many are fed in various sections of the country. As a speculation lamb feeding may result disastrously, due to the feeders costing too much on the market. There is a little more risk attached to feeding lambs since they require a little more careful handling than older sheep. In feeding mature wethers rougher care can be given and a larger quantity of the coarser feeds be utilized. It would be difficult to advise as to what class of sheep would be more profitable, since there are times when feeding lambs are higher in proportion than the mature wethers. The wisest method probably would be to get in touch with some reliable commission men making a specialty of handling feeding sheep and trust to a considerable extent to his judgment as to the most profitable sheep to buy under prevailing market conditions.

In estimating the number of sheep to feed it is customary to consider that about eight or 10 average sized sheep will consume as much as a 2-year-old steer. Milo and Kafir give splendid results as a grain feed for sheep. Sheep chew their grain much more thoroughly than cattle do, consequently will utilize these small hard grains without waste. In experiments here at the station Kafir has given fully as good results as shelled corn when fed to lambs in connection with alfalfa hay. Alfalfa is usually considered indispensable in the final finishing off of sheep. If none is available it will be almost necessary to use a small amount of either cottonseed meal or linseed meal in the grain ration.

Since you have considerable land fenced tight enough to hold sheep, it seems to me that conditions are especially favorable to the use of sheep in converting into cash the feed now growing on this land.

You will find that the silo which you are erecting will be another great source of economy in the preservation of the feed you have on the farm. Silage is well adapted to sheep feeding, although some feeders have had bad results, probably due to carelessness in permitting the sheep to have access to spoiled silage. Used with good judgment, silage is well adapted to furnish a considerable portion of the ration of fattening sheep.

I am sending you, under separate cover the only pamphlet we have available on this subject. A book written by Joseph E. Wing, entitled "Sheep Farming in America," is a splendid book to own if you are interested in feeding and handling sheep. It can be purchased of The Breeders' Gazette, Chicago, for \$1. G. C. Wheeler.

Early Handling of Colts.

Mr. Editor—As soon as the mare is able to do some work after foaling I begin to break the colt to the halter and tie it to the mother. I do not keep it tied to the mare all the time she is at work but just in going to and from the field and in going to town. This will often keep it from getting into trouble, following other horses or getting into barbed wire. I like to handle a colt whenever possible, rubbing it with brush or comb and so teach it to be gentle and not afraid.

As soon as a colt will eat let it have bran or oats, the latter being best when they are to be had. When older I leave it in the stable loose while the mare is at work, allowing it to suck once in the forenoon and once in the afternoon for some time. When not at work, mare and colt are allowed to run loose in the pasture. At night whenever the weather is good they are turned out to pasture. Handled and fed in this way a colt will not forget its early training and will be easily broken to work when the time comes. Chester Moore.
R. 3, Waukomis, Okla.

The "Bringing Up" of a Jack.

Mr. Editor—We have a jack colt, "Locust Boy," about 16 months old, who was foaled in the fall of 1910. He is the making, we think, of a 15½ or a 16-hand jack of standard measure. He has the best head and ear of any jack we have raised and has a good long neck and lots of length in the body. His sire is "Locust," a registered jack which was sold at one of the Moneses & Sons sales at Smithton, Mo., a few years ago.

We weaned this colt in the spring of 1911, and let him run on a bluegrass and alfalfa pasture all summer with a



LOCUST BOY AT 16 MONTHS.

filly colt, feeding them grain twice a day. He is still running with a filly and is being fed and pastured the same way.

Letting jacks run with a filly colt after weaning and keeping them away from their own long-eared kind, and their sire's progeny, the long-eared hybrid, is the best way to raise them, so that they will serve mares readily when old enough. Many jacks are spoilt when colts by not doing this.

While some would not have fed this colt while on pasture, we think it has paid us and will continue to feed him

It is as much the duty of the farmer to test each candidate as it is to test his seed corn. —J. A. Miller.

as well as we can until he is fully matured. We believe he will make a bigger jack by 4 or 6 inches than if we had not kept up his grain ration.

Some jack men say that you should let them run with a small or weak filly, but a filly will not stay small or weak when fed and given the attention that this jack colt and his consort have had.

This jack is worth as much now as a good average registered stallion colt of the same age, and his dam did not cost us nearly as much as a registered draft mare. But this last statement is not made in derogation of draft mares, as we think that in another decade or two registered draft mares will be found on the greater per cent of the farms in the Central West. However, we do think it will pay the man who is raising horses and mules to keep a few good jennets and raise good jack colts. C. W. Higginbotham.
Rossville, Kan.

Breeding Off the Horns.

Mr. Editor—The best way to dehorn cattle is to breed the horns off. This can be done by getting a polled bull to head the herd. One can now get a polled bull in almost any breed of cattle and by the second generation there will be few horns to contend with. All cattle raisers, large or small, need not be told that dehorning is a hard, bloody job with some risk about it. J. C. Miller.
R. 1, Ottawa, Kan.

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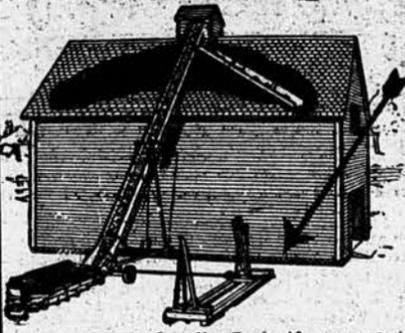
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For revision of taxes downward—on city, county and township as well as state taxes.

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 a direct heir 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



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 change of pasture is good for both cows and pasture.

Early morning is the time to make the best job of churning in hot weather.

The cow with a good appetite is a better producer than the one that is "finicky."

Harvest goes on the year around in the dairy business. Something to sell every day.

A large udder is not always to be trusted as a sure sign of a good milker. Better see the milk in the pail.

A good pasture lot near the barn where the cows may graze at night will keep up the milk flow during the hot months.

If native pasture does not supply enough grass it will pay well to put a succession of soiling crops in these lots or fields.

It is well to fight shy of the dairy cow that is offered for sale cheap these days. At best she is probably good only for beef.

One way of keeping dirt, flies, etc., from dropping into the pail while milking is to cover the pail with clean cheesecloth and milk through it.

The next time a cow gives bloody milk give her a dose of Epsom salts, bathe her udder in warm water and rub with camphorated lard. This will often cure the trouble.

Holstein Society Growing.

The 27th annual meeting of the Holstein-Friesian association at Syracuse, N. Y., showed the organization to be in a flourishing condition, steadily growing and extending its good work. The membership was increased by 812 through the year, making a total of 5,160 members now in the association. Secretary F. L. Houghton, who has his headquarters at Brattleboro, Vt., is always ready to furnish information along any line affecting the Holstein organization.

Drying Off a Cow in Good Flow.

Mr. Editor—I do not think it advisable to dry off a cow six weeks or even a month before calving if she is still giving a good flow of milk and in good condition otherwise. Under these conditions I would not dry her off at all. You will not only lose her milk for two or three weeks but you run the danger of her having caked udder and similar troubles. Of course I am speaking of the cow that is in good flesh so as to support the unborn calf. L. H. Replogle.

Bethany, Neb.

The Cream Would Not Rise.

I have a good cow, 5 years old, that gives good, rich milk but the cream does not rise. She has been fresh two weeks. I have been feeding her bran, corn chop, oats in the sheaf and alfalfa hay. Can you suggest a remedy for this?—G. S., Humboldt, Kan.

The difficulty here seems to be that the milk is too warm for it to cream readily. Milk does not cream as readily in hot weather as it does in cold weather. As a remedy, I would suggest that the milk be kept as low as it is possible to get it immediately after it is drawn from the cow. This may be done by placing the can of milk in a tub of cold water and stirring it until it is cool, or one may purchase a small cone cooler and run the milk over this cooler immediately after it is drawn. This condition could not be due to the feed that the cow has been given. There is some belief that oats in the sheaf tends to dry up cows, but such is not the case.

O. E. Reed, Dairyman.
Kansas Agricultural college.

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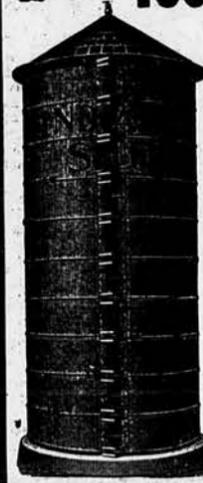
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CROPS and FARM WORK

(Crop Reporting Service of Farmers Mail and Breeze.)

Wheat harvest is at its height this week and all other farm operations are of secondary importance. Good harvest weather has prevailed generally and most of the crop will be put in the shock or stack in the best of shape. Something more than 6 million acres of winter wheat are being harvested in Kansas this year and this constitutes between a fourth and a fifth of the total winter wheat area of the country, according to the annual harvest report of the Kansas board of agriculture, issued July 1. Estimates based on the reports of the board's correspondents and assessors' returns point to 85 million bushels as the Kansas yield of winter wheat in 1912. Five counties reported a condition of 90 per cent or better and of these Gray county leads the state with 93 per cent. The other four are Hodgeman 91 per cent, Reno and Meade 90, and Greenwood 91. The greatest losses since May

Rooks County—Harvest is on in full blast and will continue for 10 days longer. Some new ground will yield well and some estimates of 40 bushels have been made. But new ground is scarce. Old ground will do better than last year but cannot tell how much. Corn and feed looking fine.—C. O. Thomas, July 4.

Grant County—Wheat better than for years but harvest is about two weeks off. Spring crops had to be replanted, some two and three times and they are backward. Nice showers the past week put crops in good growing condition. Cattle and horses bring good prices. Butter fat 23 cents, eggs 12½.—J. L. Hipple, July 6.

Republic County—Weather has been fine for harvesting but rain need rain. Wheat about all cut and shock threshing will start next week. Oats will be ready to harvest in about a week. Some oat fields promise the best crop in years. Second crop of alfalfa ready to harvest and will be better than the first.—Ed Erickson, July 6.

Rice County—Wheat harvest will almost be finished this week. Threshing of bundle grain to begin at once. Oat cutting will start soon and a heavy yield is in prospect. Corn growing fast and is being laid by. Considerable broomcorn to be replanted on account of some insect. Kafir looks fine. Second alfalfa crop being put in stack

CHEYENNE	RAWLINS	DECATUR	NORTON	PHILLIPS	SMITH	JEWELL	REPUBLIC	WAGON MOUNTAIN	MARSHALL	NEOHO	BROWN	73	85
76	75	71	84	89	90	84	80	82	84	82	73	85	
SHERMAN	THOMAS	SHERIDAN	GRAHAM	ROCKS	OSBORNE	MITCHELL	CLAY	CLAY	CLAY	CLAY	CLAY	90	84
80	73	70	85	91	86	87	75	86	83	83	99	84	
WALLACE	LOGAN	GOVE	TREGO	ELLIS	RUSSELL	LINCOLN	OTTAWA	OTTAWA	OTTAWA	OTTAWA	OTTAWA	80	89
65	66	69	90	79	89	89	92	83	80	82	80	89	
GREELEY	WICHITA	SCOTT	JANE	NESS	RUSH	BARTON	ELSWORTH	ELSWORTH	ELSWORTH	ELSWORTH	ELSWORTH	87	81
75	65	73	94	91	93	99	81	83	80	82	87	85	81
HAMILTON	KEARNY	FINNEY	HODGEMAN	PAWNEE	STARK	RENO	HARVEY	HARVEY	HARVEY	HARVEY	HARVEY	81	76
75	75	88	96	90	93	86	67	67	67	67	67	81	76
STANTON	GRANT	MUSKIE	91	FORD	90	KIOWA	82	91	80	82	ELK	76	78
88	75	92		90	82	82	80	82	80	82	82	76	81
MORTON	STEVENS	SEWARD	MEADE	CLARK	COMANCHE	BARBER	HARPER	SUMNER	COWLEY	CHEROKEE	CHEROKEE	73	70
80	80	93	92	87	87	87	92	90	84	80	80	73	75

Map showing the present condition of the Kansas corn crop by counties, 100 being perfect, as reported by the Kansas state board of agriculture. The state average is 84.

1 have occurred in a block of 10 or 12 northwestern counties in the second, third and fourth tiers from the north line. Jewell county fell from 98 per cent on May 1 to 67 per cent on July 1 and conditions in adjoining counties are nearly as bad. In three of these counties the abandoned acreage amounts to 80 per cent of the crop sown.

Corn shows a reduced acreage of from 10 to 12 per cent under last year. The condition of the crop on July 1 was placed at 84 per cent. The total corn acreage approximates about 7 million acres. Kafir shows an increase of 38.6 per cent in acreage over last year, in 47 counties from which assessors' returns were available.

Corn and feed crops are making great progress and in Oklahoma recent showers have insured a corn crop in some early fields. H. S. Waters of McIntosh county says estimates of 50-bushel yields are being placed on bottom land fields.

Threshing in Kansas will be under way generally by next week. We ask all our reporters and any others interested to send in reports on what yields coming under their knowledge.

KANSAS.

Labette County—Wheat and early oats are in the shock and threshers start next week. Corn is woody but farmers are getting in good work this week.—Wilbert Hart, July 6.

Johnson County—Harvest in full swing but is being interrupted by frequent rains. Corn shows a rich, dark, green color and that damaged by hail is being greatly benefited by warm weather and showers.—L. E. Douglas, July 6.

Douglas County—Wheat harvest is on in this county. Wheat has rust badly. Corn looks good but is a little small for the time of year. Have had plenty of rain so far this spring but a little shower now would do good.—J. S. Dillon, June 28.

Clay County—Corn doing well but needs rain. Have had several dust laying showers this week. Two crops of alfalfa put up in good condition. Oat cutting just beginning. Most threshing machines will start July 8. Potatoes turning out fine.—H. H. Wright, July 6.

Chase County—All crops in good condition. Second alfalfa crop not yielding as well as first. Some complaint of chinch bugs. Pastures generally good. Corn making rapid growth. Some fat cattle being shipped off grass. Potato crop good.—W. J. Dougherty, July 8.

Jackson County—Good growing weather with plenty of moisture for corn and all growing crops but a little dry for grass and pasture. Wheat and oat harvest on. Wheat is fairly good and oats are best in several years. Alfalfa and clover good. Many silos being built.—F. O. Grubbs, July 8.

and is heavier than first.—H. S. Wilson, July 8.

Trego County—Harvest will be in full swing by July 10. Wheat is uneven and hard to cut. Not as good as it looked a week ago. Oats and barley being bound. Most corn is clean and growing fast. Hay and grass were never better. Much grass not being pastured. Plenty of harvest hands at present. Gardens and potatoes are good. Potatoes \$1.75, butter 25 cents, eggs 12.—E. L. Dean, July 6.

Lyon County—Fine growing weather with plenty of moisture. Corn looks well. Pastures doing fine. Good crop of wheat harvested. Heavy showers have helped protect corn from bugs. Farmers are trying to keep bugs from going into corn with tar oil. Gardens and potatoes doing well. Fruit prospects good. Loose alfalfa hay \$9, loose prairie \$8, corn 75 cents, Kafir 90.—E. R. Griffith, July 6.

OKLAHOMA.

Payne County—The rain of July 5 will insure early corn. Prospects are rather poor for a cotton crop at present on account of lice. Beef stock is high. Eggs 12 cents, butter fat 22.—A. M. Leith, July 6.

Roger Mills County—Plenty of rain and everything is growing well, including weeds. Threshers scarce and no threshing done here yet. Oats are a failure and some not fit to mow. Wheat will be damaged in the shock if wet weather hangs on.—Hugh Sober, July 2.

Kingfisher County—One shower and a 4-inch rain this week makes everything look alive and grow, including wheat in the shock. Very little threshing done yet. Yields range around 10 bushels averaging about 56 pounds. Corn, Kafir and alfalfa doing fine.—H. A. Reynolds, July 6.

Comanche County—Fine rain July 5 and corn is bound to make a good crop. Wheat unfavorable for wheat threshing. Wheat averaging around 20 bushels and testing 55 to 58 pounds. Cotton and Kafir growing fast and pastures are fine as can be.—Fred E. Wiersig, July 6.

Garfield County—Fine growing weather with plenty of rain and corn is looking fine. Big second crop of alfalfa put up in good shape. Harvest is over and threshing has begun. Wheat will run from 10 to 30 bushels per acre. Cotton a little small for the time of year.—H. C. Waggoner, July 6.

Lincoln County—Another fine rain which has insured early corn making a good crop. Crop is in roasting ear stage now. Kafir and milo growing nicely. Good acreage of cowpeas being put in, also sorghum for hay. Early cotton in bloom. Fruit looks fine and peaches are ripe.—J. B. Pomeroy, July 6.

Texas County—Harvest is on in full blast and we are short 300 harvest hands. Wages are \$2.50 and up. Frequent showers are bothersome to farmers in harvest. Row crops are doing fine. Grass is plentiful. Wheat is making from 5 to 18 bushels per acre. Cream 22 cents, eggs 10.—F. Free, July 6.

McIntosh County—Rains have put everything in fine condition. Corn nearly all laid by and yields in some bottoms are already estimated at 50 bushels. Small grain all harvested and threshing is on. Wheat is making 18 to 22 bushels. Cotton shows a good stand but is small and quite grassy. Big crop of early peaches.—H. S. Waters, July 6.



How to Get All the Pork Profits—Merry War Powdered Lye Makes Fat, Healthy Hogs

E. Myers, President, E. Myers Lye Company

I have spent more than 20 years making all manner of tests, and I know what I am talking about when I claim that Merry War Powdered Lye is the most wonderful hog remedy, worm exterminator, conditioner and fattener the world has ever known. And my claim is amply backed up by the experience of thousands of hog raisers everywhere, who have fed Merry War Powdered Lye with remarkable results.

Don't wait till your hogs are sick—"an ounce of prevention you know—keep them well, hungry and on their feet all the time, feeding Merry War Powdered Lye with their daily rations. Then you'll be able to finish off pork in the shortest possible time and at least expense, making every day's rations put weight on the porkers—then all the pork profits that should be yours—will be yours—and Merry War Powdered Lye alone will give them to you—and I can prove it.

I am constantly receiving enthusiastic letters of praise from thousands of hog raisers who are getting their full share of pork profits with Merry War Powdered Lye. Many of these letters are published in my free literature—read them—then there will be no excuse for you if you do not get all the pork profits coming to you, because you, too, can buy Merry War Powdered Lye at the nearest dealers.

Read These Convincing Letters From Hog Raisers:

A. W. Davis, Hamlin, Ia., writes: "Merry War Powdered Lye is the stuff to cure cough and humps and put them in a thrifty condition, and I will never be without it while I raise hogs."

B. S. Row, Gracemont, Okla., writes: "I have fed Merry War Powdered Lye to my hogs and have had good results. It is a sure worm killer."

Elvis Pettey, Junction, Ill., writes: "Have been using a great deal of Merry War Powdered Lye. Find it the best medicine for hogs I have ever used."

Adam Schultz, McLouth, Kans., writes: "I consider Merry War Powdered Lye the best hog remedy I have ever used, and the cheapest. It has made a marked improvement in my herd."

Follow These Directions

Follow these directions carefully: Mix one tablespoonful Merry War Powdered Lye with slop for 10 hogs, or a half can with barrel of swill. Stir well and feed every day, night and morning. If your hogs are on a dry feed ration, mix a half can Merry War Powdered Lye to each barrel drinking water.

Feed Merry War Powdered Lye Every Day—and begin today—for the sooner you begin, the sooner I will be able to prove to your complete satisfaction that Merry War Powdered Lye makes good my every claim—and I will make the test.

Important Warning—Read It!

Some commercial lye makers are trying to persuade dealers and hog raisers that any lye will do what Merry War will for hogs—but it will not, it can't—because no other lye maker knows the secret process that makes Merry War Powdered Lye safe to use in hog feed—they don't know the combination in Merry War Powdered Lye that produces fat, healthy hogs. Merry War Powdered Lye is the only lye absolutely

safe to feed to hogs—and hog raisers who make the mistake of thinking that any lye will do the work which is claimed for Merry War Powdered Lye—fail to obtain results—pay the penalty in hog profits.

Kettle Powdered Lye For Soap Making

If you want the best lye, exclusively for soap-making, scouring, cleaning, disinfecting, etc., use my famous Kettle Powdered Lye—it makes the best soap you ever used—but DON'T feed it to your hogs! FEED ONLY MERRY WAR POWDERED LYE TO YOUR HOGS.

At All Leading Dealers

Merry War Powdered Lye comes in 10c cans; full cases of 4 dozen cans for \$4.00—at grocers, druggists, and feed dealers. Don't allow yourself to be talked into a substitute for Merry War Powdered Lye—because there are no substitutes.

If your dealer can't supply you, write us, stating his name—we will see that you are supplied, and will also send you, free, a valuable booklet on "How To Get the Biggest Profits From Hog Raising."

E. MYERS LYE COMPANY,

Dept. 10

St. Louis, Mo.



Which Kind Do You Want?



Important Message to Silo Buyers

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The mighty rush for Silos is on. Our factory superintendent reports as follows: "We are running night and day; extra gangs of men are at work; we are doing our utmost." Tremendous sales continue. Don't delay sending in your order for a Saginaw Silo. It will save disappointment later. Remember, we never accept orders we cannot fill. With our patent base anchor and inner anchoring hoop you know the staves can't loosen or that your Saginaw can never blow down.



Whirlwind Silo Filler A Mechanical Masterpiece

There are many reasons for the easy-running, large-capacity qualities of the Whirlwind. Pile in the corn and it will disappear in whirlwind fashion. Easy to understand—easy to operate—the great efficiency of the Whirlwind is understood when you know it is mechanically right.

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ROSS IRON STUDDING SOCKETS FOR CEMENT FLOORS AND FOUNDATIONS

When building in cement use the 100-year post support. Simply tap sockets down into soft cement. No stils to rot. No toe-nailing to rust. All sizes. FIT ANY upright. For Cribs, Granaries, Barns, Sheds, Garages, etc. We pay freight. Write today for FREE booklet—Learn how to make upright supports overlasting. Get CEMENT FLOORS and FOUNDATIONS. Write at once.

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Set with four Sapphires surrounded with six 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 picture at once, all charges paid, all different, printed in 10 to 17 different colors. Send no money in advance. We trust you with picture until disposed of. You can also earn Watch, Doll, Bracelet or Lace Curtain. If you wish, KANSAS AFT CLUB, Dept. 27, Topeka, Kan.



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.

Blind Staggers Symptoms.

I have a 1,000-pound horse about 14 years old that got stiff and sore, staggering about and seemed to be frightened. I gave him 1/2 pound of salts and then noticed he was blind in the left eye. When turned loose he began walking around in a circle to the left. During this time he was constipated and passed nothing through bowels or kidneys from Wednesday evening until Friday morning when we used a syringe on him. He has gradually gotten better but is still blind in his left eye. Will this blindness remain and what was his trouble? I had been feeding him shelled corn that had a few rotten kernels in it.—J. J. T., Eldorado, Okla.

It looks very much as though you have a light case of staggers. Whether or not his sight will return will all depend upon how badly the nerve is affected. About all you can do is to keep the bowels in good shape and quit feeding the damaged corn. A good way to do is to shell this corn, put each feed in a bucket of water and skim off the kernels and dirt which float to the top. It may be possible that this trouble will return after you work him awhile and heat him up. Would give him considerable time to get over it before working.

Cause of Bitter Milk.

A neighbor has two cows that were fresh in January and two others that will freshen in August. Their milk tastes bitter and the cream and butter are not eatable. These cows get one mixed feed a day also bran and crabgrass hay and are now running in pasture where they drink pond water. What causes this trouble?—J. E. M., Pittsburg, Kan.

In all probability the pond water is the cause of the trouble. Would wash the cows' udder thoroughly with some good antiseptic solution—a teaspoonful of carbolic acid to 1/2 gallon of water thoroughly mixed and would give them internally a heaping teaspoonful of powdered nitrate of potash once a day and would by all means see that they get pure water to drink. This condition is frequently caused by bacteria which it will take some time to clear up. In some cases giving the animal 1 pound of Epsom salts dissolved in water to which is added 2 ounces of powdered ginger given as a drench, gives good results. This may be repeated from four to five days until the animal has had three or four doses. The ginger will not dissolve but will mix with the water fairly well.

Distemper or Bad Feed.

I have a 5-year-old mare that often bleeds from the mouth and nose after an ordinary day's work. She coughs two or three times as if she had distemper and then blood comes for perhaps a half minute. In starting to work she pants a great deal and her breathing seems unnatural. Have been feeding first cutting of alfalfa hay that is very poor and 1/2 gallon of whole corn at each feed. What is the trouble?—W. S. W., Little River, Kan.

It is possible that this trouble may be the result of distemper or a slight attack of pneumonia. In either case there is no question but what there has been a rupture of some blood vessels. Again the trouble may be the result of dusty hay. If possible would give a little more grain and less hay, seeing of course that the ration is balanced by adding a little bran or oil cake meal. I question whether much can be done with medicine but would suggest that you feed once per day right in the feed, 1 teaspoonful of fluid extract of ergot

ABSORBINE



Removes Puffs Tumors Thorough-Plin Capped Hook Swellings, etc.

Without blistering, removing the hair or laying up the horse. Strengthens strained and weak tendons, restores the circulation, always inflammation. \$2.00 a bottle at dealers or delivered.

Before After Describe your case for special instructions and book 4 H FREE. W.F. YOUNG, P.D.F., 209 Temple St., Springfield, Mass.

Big Land Opening, Kentwood, Louisiana, Sept. 20, 1912

THE SOUTH CALLS FOR MORE MEN!

The richest and most productive section of America offers amazing opportunities to the Northern farmer—a better reward than your father ever enjoyed. Do you want a productive farm in the high, well-drained Ozone Belt of Louisiana, where two and three crops can be raised a year?

THE BROOKS-SCANLON LUMBER COMPANY and the **KENTWOOD AND EASTERN RAILWAY** will open up 10,000 acres of their range land holdings for settlement September 20 on the easiest terms ever offered the farmer.

This land will produce big crops of Corn, Oats, Hay, Grass, Vegetables, Berries and Fruit.

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

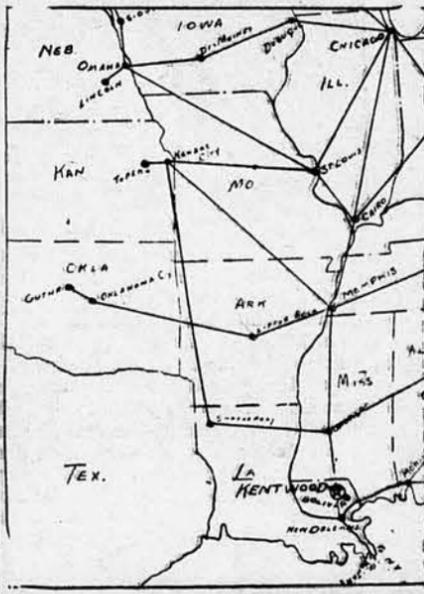
What we need now is the man that needs a home, and is not afraid of work.

We have ample capital and can carry the payments and give an opportunity to the man who has but very little cash but plenty of ambition and energy. We will positively, under no circumstances, allow anyone to secure a tract of land in this first allotment who will not agree to settle on or work the land within one year from date of purchase.



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?

NO SWAMPS FLOODS MALARIA MOSQUITOES
HERE IS THE BEST PLACE IN AMERICA FOR A POOR MAN TO GET A FARM.
KENTWOOD, LOUISIANA.



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And now for the Gulf Coast of Louisiana, the last and best farming country of them all, where two and three crops can be raised a year, where mild winters and enjoyable summers obtain, where a poor man stands a show, where the thousands of farmers will come in the near future.

Make up your mind to come to this opening—10,000 acres of guaranteed land, as fine as lays out of doors to be settled by actual farmers on terms never before offered in this country.

No need to rent any more—here's your opportunity for a real farm in a real country. We will run our own special train September 17th. Remember this is great corn, oats, hay, vegetable and fruit lands. If you are willing to work you can be independent in a short time if you get one of these farms.

EXCURSION SEPTEMBER 17.

What we will do for our settlers. We furnish a demonstration farm and an expert Southern farmer who will plant any variety of crop that you may designate as an experiment; who will give you expert advice at any time free of charge.

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

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

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

This in itself shows that we have the greatest confidence in the world in our land.

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

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

You cannot lose. We take all the risk.

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C. H. McNIE,
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Mr. C. H. McNie, Kentwood, La.
Please reserve space for me on your special train Sept. 17, 1912.

Name.....
Rural Route.....
City..... State.....

until she has received 1 ounce of this. Would then get equal parts of powdered sulphate of iron and powdered nitrate of potash mixed thoroughly and give her a teaspoonful of this in the feed for about two weeks. This should help some on account of her age, although it might be impossible to get her entirely over it.

Colic, Blindness, Corns, Etc.

(1) I have a mare mule 5 years old and weighing 1,400 pounds that is frequently troubled with colic. She had it this week while doing nothing and running in the pasture, with two grain feeds a day. She keeps in good flesh.

(2) One of my mares 12 years old was bothered last summer with a scum over her eye. It looks white now and has blinded her. Can this be cured?

(3) What can I do for a pony mare weighing 800 or 900 pounds that has corns on both fore feet?

(4) What would be a good treatment for a 3-year-old mule with distemper that has swellings on the jaw and breast?

(5) Would like to have your recipe for a sweeny cure.—A. S., La Crosse, Kan.

(1) It might be that the teeth of this mule are not in condition to chew feed properly, this causing the colic. Again it might be caused by parasites and of course the treatment would all depend upon the case. Giving the mule a teaspoonful of powdered hypo sulphite of soda in her feed once per day for a couple of weeks would probably not do her any harm, although I certainly would have her examined and the exact cause found if possible and treated.

(2) The trouble with this mare in all probability is periodic ophthalmia and if it is, there is no reliable treatment.

(3) About all that can be done with this animal is to keep the hoofs softened and the corns well trimmed out and if necessary keep her shod, changing the shoes every few weeks.

(4) Would suggest that you have a veterinarian use some bacterin on this mule.

(5) The treatment would all depend upon the cause and the exact tissues involved.

HACKNEY AUTO-PLOW

☑ The Hackney Auto-Plow
—the One Man Machine—clearly the greatest invention of the age, solves the "labor problem" satisfactorily for the farmer.

☑ It is the only "One Man Machine" on the market that can be used for plowing, haying, harvesting, as a stationary engine for power purposes, and as a tractor for hauling loads, etc.

☑ It is perfectly built and a pleasure to run. It does the work of 10 horses and 2 men, and plows from 10 to 12 acres per day.

☑ It is the only machine that worked every day at the field trials at the Minnesota State Fair.

"THE ONE MAN MACHINE"

Photos and Catalog on request.

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575 Prior Ave.,
ST. PAUL, MINN.

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.

Standing straight does more to help a woman look well than all the fine clothes she can put on.

There have been nearly 300 splendid recipes in the canning contest. The prize winners will be announced next week.

Most town women have a table phone, so they can sit down when they talk, and it is just as handy for the husband as for wife and children. Why shouldn't farm people have things just as convenient?

If one has forgotten how to stand straight, a few simple exercises will help wonderfully. One of the best of these is known as "throwing wood." Stand with the feet 18 inches apart. Bring the arms over the head, stretching them up as far as possible, then bend quickly and swing your arms as if you were throwing a piece of wood between your legs. Bend your back as much as you can while you are doing this. Stand erect once more and stretch your arms straight up above the head as far as you can, then throw another stick of wood. Repeat 20 times or more. Do this at least once every day, with all the clothes loose, and it won't be long before it will be easier to stand straight all day long.

Cans the Early Kraut.

In this southern country where we have to raise cabbage early and where it is hard to keep kraut in open jars, as soon as the kraut is sour enough I can it, adding water enough so there will be liquid to cover the kraut. It keeps well, and we have it in the winter and early spring when it is appreciated.
McLoud, Okla. Lena Tripp.

Sponge Pudding.

One pint sweet milk, 1/2 cup sugar, 1/2 cup flour, 1/2 cup butter, 5 eggs. Wet flour with part of milk, then add remainder and cook 10 minutes. Add butter and sugar while hot. When cool add yolks of eggs well beaten, then the beaten whites and stir thoroughly. Pour into a 2-quart basin, set in a pan of hot water and bake half an hour.
Mrs. Mary E. Still.

R. 1, Floris, Okla.

No More Run-Over Bread.

[Prize Letter.]

To keep light bread from running over in the oven when it rises too high in the pans I take a newspaper, fold it into a strip about 6 inches wide and pin it around the pan of bread just before putting it in the oven. This prevents the bread slipping off over the ends of the pan and spoiling the end loaves.
Skiatook, Okla. Mrs. J. J. Boles.

Best Devil's Food.

[Prize Recipe.]

Part One—One cup brown sugar, 1/2 cup milk, 1/2 cup chocolate. Heat this part, then let cool.
Part Two—One cup brown sugar, 1/2 cup butter, 1/2 cup milk, yolks of 3 eggs, 1 teaspoon soda, 1 teaspoon baking powder, 1 teaspoon vanilla, 2 cups flour well sifted. Mix these ingredients, then add Part One.
Filling—Two cups brown sugar, 1/2 cup butter, 1/2 cup milk, a little chocolate, add vanilla. Cook until it hardens, then beat until cold.
Mrs. George D. Kuns.
Oskaloosa, Kan.

Has Some Extra Jelly.

The article entitled "The Fruit Never Spoils" in the June 29 issue of Mail and Breeze was fine. I would like to add a few suggestions: I steam my fruit in the same way, but add no water. When fruit is tender I pour off what juice is in the jars for jelly. The fruit shrinks in the cooking, so I take the fruit from one jar to fill the others. Then I fill

the jars with a hot sirup made of equal parts of sugar and water, and seal. This sirup is sweet enough for all fruits except strawberries. When canning plums I prick each plum several times with a toothpick before putting in the jars. This keeps them from bursting.
Winfield, Kan. Mrs. Skinner.

The Water Always Handy.

[Prize Letter.]

A device that suits the woman is a 20-barrel rain water tank elevated 2 feet above the kitchen floor. Enclose it with a jacket, with a 10-inch space between jacket and tank filled with sawdust. This will preserve a more even temperature summer and winter. Provide it with a valve so all you have to do is to pull the little chain, and a 1/4-inch stream comes in a hurry.
J. R. Little.

R. 4, Mountain Grove, Mo.

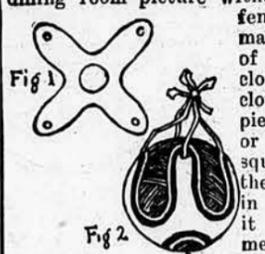
Things Mended While You Wait.

[Prize Letter.]

The next time your wash tub, milk pail, or any tin or galvanized ware leaks try this. It is a money saver as well as a worry saver: Take an old tablespoon and an old fruit jar rubber. Cut the rubber into four or five pieces, lay it in the spoon and place the spoon over a hot coal or on the oil stove. In a minute or so the rubber will be melted. Have your vessel to be mended handy, and dry. Take an old table knife and spread the melted rubber over the hole. I mended my wash tub this way over six months ago and it is as good as ever. Anything that is to be used on the stove cannot be mended this way, as the fire would melt the rubber, but boiling water does not.
Nellie Grafft.
Catesby, Okla.

A Handy Twine Case.

A twine case can be made so pretty it can be hung under the lamp or below the dining room picture without giving offense. It may be made of leather, of heavy broadcloth or windsor cloth. Take a piece of leather or cloth 6 inches square, and cut the shape shown in Fig. 1. After it is cut ornament with any pleasing design and hang with a narrow strip of leather or ribbon. The end of the twine passes through the hole in the center.
Russia, N. Y. Myrtle Lanning.



Using the Meat Left-Overs.

[Prize Letter.]

It is not always necessary to use what is left from a meal the following day. Sometimes it is wise to let the family forget.
Do not think, because only a small amount is left, it is not worth saving, but let the remnants accumulate for several days. Often several kinds of meat work up into a much more appetizing dish than a single kind.
Meat Loaf.

Two cups chopped meat, 1 egg, 1/2 cup soft bread crumbs, 1/2 cup gravy. Season with salt, pepper and onion juice. Mix and put in a well greased baking dish. Put 3 or 4 thin slices of bacon over the top. Bake 20 or 30 minutes. Turn out on a platter and serve with tomato sauce.
If preferred, the same mixture may be made into small cakes and browned in the frying pan, using bacon grease.

Mincod Meat on Toast.

When one has only a small amount of meat it may be chopped fine, browned in

butter, mixed with a cup of medium white sauce and served on toast.

Shepherd's Pie.

Cut mutton or other meat into cubes, cover with water and cook about 30 minutes. Thicken the broth and add left-over gravy, if any. Put in a baking dish and cover with mashed potato seasoned and mixed with beaten egg. Use 1 egg for 2 cups of mashed potatoes.
Charlotte E. Carpenter.
Fort Collins, Colo.

Make Your Own Hand Bag.

Embroidered hand bags were a fad all winter, and this summer they are if possible more popular than ever. They may be of velvet, silk or linen. The embroidery should be done before the bag is made. After everything else is done the



8227 T—EMBROIDERED HAND BAGS.

bag should be stiffened at the top with a dress steel or bone. Both designs illustrated have the solid parts done in satin stitch and the lines in chain stitch, outline stitch or German knot stitch in a contrasting color. Three shades of one color could be used for the conventional design on the envelope bag, the lighter color in the center and the darker shades outside. The rose design suggests a rose and green combination, with dots of yellow. The transfer pattern for these two bags (No. 8227T) can be obtained from the Mail and Breeze Pattern Department, Topeka, Kan., price 10 cents.

Helps the Crowded Day.

The morning when there seems less work than usual to be done in the kitchen is a good time to do little things that help the crowded day. I roll crackers or grate pieces of dry bread and put them in glass jars with a screw top. Sometimes I crack and pick out a pound of nut meats and keep them in a jar until needed. Sometimes I wash and dry raisins and currants.
Mrs. Edith B. Raley.
Hennessey, Okla.

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.

Our Stock-Taking Reduction Sale

is now going on in every department—offering the greatest opportunities for buying summer goods at a saving. Mail order customers will receive the same benefit of reduced prices as if they came to the store, and postage and expenses will be paid on their orders. Railroad fare refunded to those who come to the store, according to the amount purchased.

THE MILLS DRY GOODS CO.
Topeka, Kansas

PIANOS! PIANOS!
\$185 to \$200

I will send you on approval a reliable piano with bench and scarf. Am a practical piano man with twenty years experience. Can refer to Central National Bank and many schools and churches. Write for particulars of best piano proposition ever offered. Wholesale and retail **A. J. KING,** Schiller, Cable-Nelson, 106 W. 5th St., Morenus, Mason & Hamlin. TOPEKA, KANS.

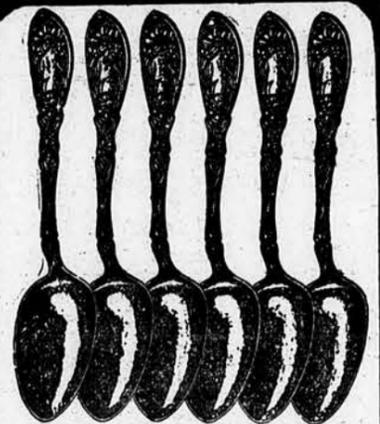
DAISY FLY KILLER placed anywhere, attracts and kills all flies. Neat, clean, ornamental, convenient, cheap. Lasts all season. Made of metal can't spill or tip over; will not soil or injure anything. Guaranteed effective. Sold by dealers, or 6 sent prepaid for \$1. HAROLD SOMERS, 150 DeKalb Ave., Brooklyn, N. Y.



BIRTHDAY POST CARDS FREE—Five very choice cards in beautiful colors; send 2c stamp for postage. Art Post Card Club, Dept. 14, Topeka, Kan.

SIX SILVER TEASPOONS

FREE



Greatest Premium Offer to Mail and Breeze Readers!

Here is an offer which should interest every housewife! No matter how many teaspoons you have you surely cannot afford to miss getting one of these beautiful sets on the very remarkable offer we are now making. We purchased 1,000 sets of these spoons from the well-known Oxford Silver Plate Co., at a price so far below usual cost that we can afford to give one set free to all who accept our offer. They are silver plated and handsomely engraved and embossed in the beautiful Narcissus design, which extends the entire length of the handles on both sides, making a most pleasing effect. Each spoon is full standard length and weight; the bowls are extra deep, perfectly plain and bright polished; the handles are finished in the popular French gray style. Send us \$2.00 to pay for a new or renewal subscription to Farmers Mail and Breeze for 3 year, and we will send you, absolutely free and postpaid, one set of six handsome Silver Plated Narcissus Teaspoons. Remember we have just one thousand sets of these spoons on hand and this offer is good only while our supply lasts. We will cheerfully refund your money if you are not perfectly delighted with the spoons after you receive them. Don't delay. Send your order today.

FARMERS MAIL AND BREEZE
Dept. 10, Topeka, Kansas

Narcissus Spoon Set Coupon

Mail and Breeze, Dept. 10, Topeka, Kan. I enclose \$2.00 to pay for 3 year's subscription to Farmers Mail and Breeze. You are to send me free and postpaid the six Narcissus spoons described above.

My Name.....

Address

HOME DRESSMAKING

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



- 5877—Ladies' Waist, 6 sizes, 32 to 42 bust.
- 4363—Misses' and Small Women's Dress, sizes 14, 16, 18 yrs.
- 5895—Boys' Shirt, sizes 10, 12, 14, 16 yrs.
- 2654—Child's Apron, 11 sizes, 2 to 12 yrs.
- 3519—Dressing Sack, 7 sizes, 32 to 44 bust.
- 5891—Four-Gore Skirt, 5 sizes, 22 to 30 waist.
- 5406—Ladies' Dress, with left-front closing and four-gore skirt, 6 sizes, 32 to 42 bust.
- 5691—Empire Dress, with three-piece skirt, 6 sizes, 32 to 42 bust.
- 5880—One-Piece Corset Cover, sizes 32, 36, 40, 44 bust.
- 2952—Sack Apron, 6 sizes, 2 to 12 yrs.
- 5435—Ladies' Dress, 6 sizes, 32 to 42 bust.
- 4851—Ladies' Dress, 6 sizes, 32 to 42 bust.
- 5513—Four-Gore Skirt, 5 sizes, 22 to 30 waist.
- 5881—Ladies' Waist, 6 sizes, 32 to 42 bust.
- 5425—Girls' Dress, sizes 6, 8, 10, 12 yrs.

She Doesn't Want Us Meddling.
 Really, my friend, I am glad you editors still have something to sling slurs at but we have one thing to console us. We would not have to be much to be as good as a man and still less to be as good as an editor. The women must pay taxes and do all the little things, washing, scrubbing, or anything else that comes up to make a living for a family of children that a drunken husband will not support. He is never sober long enough to read one sensible line of print, but he can vote. I would not put myself on a level with him, but we will yet have our rights in spite of you. And I am one of the women who would rather have a snake in my house than a novel. I have a neighbor who did not see any harm in the novel. She has one daughter in a house of ill fame and two more en route for the same place. I kept my house clear of the influences that degrade, and I have lived to hear my children thank me for it. And all the newspapers this side of the lower regions could not make me change my mind. I was blessed with one of the wise men who left me to hustle or starve with seven children to take care of. And I certainly hope that novel sin will be visited on the children. Lawrence, Kan. READER.

"Reader" signed her name or of course her letter would not have been published. She seems to be quite fussed because the editor of the home department, who happens to be a woman, a few weeks ago mentioned the, to her, self-evident fact that no one had a right to vote unless they had posted themselves up enough so they could vote intelligently. But to read her letter one might suppose she was of the same opinion herself.

If "Reader" has raised a family of seven children she has done something to be proud of, and the editor takes off her big sailor hat in salute. But what a pity she has deprived her children of so many good things! Think of the wonderful books Dickens wrote, and of the good they did. Think of the fascinating stories of Scott, and of Kipling. "Reader's" children never will know anything about Uncle Tom's Cabin, or Huckleberry Finn, or The Sky Pilot, or Little Women, because these books are novels. They never will hear of one of the greatest books ever written, "Les Miserables." They won't know anything about the Little Minister, or the beautiful life that was lived at The Window in Thrums. They will miss the inspiration of John Halifax, Gentleman, and they will never see the books of Kansas' famous preacher, Dr. Charles M. Sheldon, whose stories of christian living have been translated into a dozen or more languages. They won't know anything about Kansas' famous book, A Certain Rich Man, with its splendid moral. The beautiful lives described in Beside the Bonnie Briar Bush will never touch them. They won't even know sweet little Rebecca of Sunnysbrook Farm, or the stories of the Five Little Peppers, or eccentric old David Harum. There are some bad novels, which no mother would have her children read. They are of the kind that is generally designated as "yellow backed novel" or "ten cent novel." But the child who loses the beautiful things, the incentives to high ideals, the good lessons, the culture, the pleasure that come through reading good books loses something good out of life he will never be able to get back.

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.

USE THIS COUPON FOR PATTERN ORDERS.

Farmers Mail and Breeze, Pattern Department, Topeka, Kan.
 Dear Sir—Enclosed find cents, for which send me the following patterns:
 Pattern No. Size.....
 Pattern No. Size.....
 Pattern No. Size.....
 Name,
 Postoffice,
 State,
 R. F. D. or St. No.
BE SURE TO GIVE NUMBER AND SIZE.



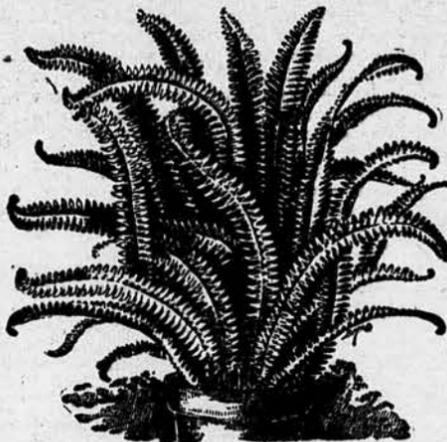
Rubber Roofing

Warranted For Twenty-Five Years. FREIGHT PAID In Any Station East of Rocky Mountain, except Texas, Okla., Colo., N. D., S. D., Wyo., Mont., N. M., La., Cal., Ala., Miss. and Fla., on all orders of three rolls or more. Special Prices to these States on request.

ONE-PLY Weighs 35 lbs., 108 Square Feet, \$1.10 per roll.
 TWO-PLY Weighs 45 lbs., 108 Square Feet, \$1.30 per roll.
 THREE-PLY Weighs 55 lbs., 108 Square Feet, \$1.50 per roll.

TERMS CASH: We save you the wholesalers' and retailers' profit. These special prices only hold good for immediate shipment.
Indestructible by Heat, Cold, Sun or Rain.
 Write for FREE SAMPLES or order direct from this advertisement. Satisfaction guaranteed or money refunded. We refer you to Southern Illinois National Bank. CENTURY MANUFACTURING COMPANY, Dept. 518 East St. Louis, Ill.

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 ELEGANTISSIMA, SCOTTI, and SPRENGERI 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.

Big Money!

\$5,000 Cash Salary Contest Open to All Mail and Breeze Readers...

Also Grand Free Prize Distribution—Piano, Gold Watch, Diamond Ring, etc. In Addition to Big Cash Salary!

We are just launching the greatest popular voting contest ever inaugurated by any farm paper in America. This contest is open to all who read this announcement and it is our plan to award \$5,000 in cash salaries to be distributed among all contestants. In addition to this we will give four grand prizes, consisting of a \$350 piano, a \$100 diamond ring, a \$50 talking machine, and a \$25 gold watch. Also many special prizes to those not receiving highest votes.

does not interfere in any way with the cash salary paid to each contestant. You may be the winner of the largest cash salary prize and you may also be the winner of the first grand prize—the \$350 piano. We have awarded many thousands of dollars worth of valuable prizes in other contests conducted in the past and we can give you the names of hundreds of prize winners who will tell you that all of our contests have been conducted in an absolutely fair and square manner.

You Are Sure of Good Pay Whether or Not You Win a Prize

This contest we are planning to make the greatest of its kind ever known. We believe the conditions to be easier than those of any previous contest and we believe every contestant will receive rewards of greater value, in proportion to the effort put forth, than ever before. You do not risk one cent. We furnish full particulars and detailed information absolutely free and every prize we offer will be positively awarded at the close of the contest on Sept. 15th, 1912. The contest is just now starting and every one has an equal chance. If you want to know the full details send your name and address at once. Address: Contest Manager, Mail and Breeze, Copper Building, Topeka, Kan.

INFORMATION BLANK

Contest Manager, Farmers Mail and Breeze.
 Please send me detailed information concerning the Farmers Mail and Breeze \$5,000 Cash Salary Contest.
 My Name,
 My Address,
 My Occupation

MARKET PROBABILITIES

[Written Specially for the Farmers Mail and Breeze.]

The expected liberal receipts of cattle did not materialize Monday, and though the market showed only a slight advance, it looked as though it was getting its skirts in hand ready for a run. Last week's decline made cattlemen tighten up on their shipments, and with everything in their favor they are showing an early disposition to nurse the market with light supplies, a factor that usually forces advances.

The short week, last Thursday the fourth of July holiday, reduced receipts of cattle at western markets materially, but did not stop the decline that has been in progress for some time past, in prices for plain to fairly good killing steers. Last week added another quarter to the decline, and compared with the recent high point, values now are down about \$1 a hundred pounds. The strictly prime cattle continued at the high level. In Chicago some sold at \$9.70, and though no new records were made at other points, it was on account of the lack of the

proper kinds. In some instances strictly prime heavy weight steers came in for lower prices on Wednesday, but on Friday the loss was recovered. The entire tendency in the market is to increase the spread in prices, but some allowance must be made for the poorer quality of the steers now being offered. There are a good many native steers coming, for which owners claim a 60 to 90-day feed, and in reality they have had little grain and show practically no thickness of flesh. Buyers are making due allowance for this "greenness" in the price line. The straight grass fat cattle are showing up fairly well and buyers are more anxious for the straight grassers than for the warmed up kinds of doubtful kill. Buyers are looking to the range country for their future supply. The midsummer movement from below the quarantine line is well under way. Some wintered Greenwood county, Kansas, steers have been marketed, and western Missouri is disposing of their cattle rapidly. The Chicago talent is predicting a light midsummer run for that market and the other points will be ready to receive all the cattle available. Next week will probably see the low level of the season for grassers, as offerings after the middle of July show improved quality, and Kansas pastures will begin to contribute their quota.

Reliable Poultry Breeders

PLYMOUTH ROCKS.

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

BUFF ROCKS—Write me today for list. William A. Hess, Humboldt, Kan.

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

BARRED ROCK bargains for two weeks. Eggs, 15, \$1.00; 60, \$3.25; 100, \$5.00. Babies, 12, \$2.00. Breeders, either sex, \$1.00 each and up. Mrs. D. M. 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.

LOOK! This will not appear again. Rose Comb Rhode Island Reds—One of the state's oldest breeders of best birds. Am selling out. Write me for prices. Wm. Heslar, Versailles, 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.

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

LANGSHANS.

BLACK LANGSHANS—Eggs from pens scored cockerels \$1.50-\$2.00; range \$1.00. John Bolte, Axtell, Kan.

SEVERAL VARIETIES.

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.

FOR SALE CHEAP—Thoroughbreds, Turkeys, geese, ducks, poultry, guineas, bantams, dogs, rabbits, fancy pigeons. Say what you wish and write for free circular. D. L. Bruen, Platte Center, Neb.

Plumbing and Heating

We sell plumbing and heating outfits direct to the owner. You install them yourself, or if necessary we can furnish you first-class mechanic. \$45.00 buys complete bath room outfit, steam, hot water and hot air heating. We make plans and estimate free. Write for prices and literature. Muth Plumbing and Heating Co., Hutchinson, Kan.

Meadows Power Washer

Washes 100 pieces in 10 minutes. Self washer and wringer. You wash second batch of clothes while blueing and wringing first. Machine does all work—no scrubbing—no backaches—the "Meadows" Does Week's Washing in 10 mins. You sit by and watch. Small power operates. Special low price offer if you write us today for free circular. Send postcard now. MEADOWS MFG. CO. Dept. O, Pontiac, Ill.

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	1912 1911
Chicago..	\$9.70 \$5.90	\$7.65 \$6.82 1/2	\$5.40 \$5.50
Kan. City	9.60 6.75	7.55 6.55	5.10 5.75

Lower Grain and Hay Prices.

Sufficient rains in the Northwest to insure a decided improvement in the spring wheat crop area, together with the beginning of the new winter wheat movement, sent prices down 5 to 12 cents a bushel in the past week. Eastern markets have not been depressed as much as western markets, as no new wheat has been received. Corn was down moderately, but the scarcity of old corn prevented any sharp declines. Oats were lower. Practically all the hay offered now is this year's growth, and prices were reduced accordingly. Timothy and clovers came in for the biggest decline.

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

	Kansas City	St. Louis
Wheat—		
Hard No. 2...	\$1.03 @ 1.07	\$1.06 @ 1.10
Soft No. 2...	1.02 @ 1.04	1.10 @ 1.13
Corn—		
White No. 2...	.77 @ .78	.76 1/2 @ .79 1/2
Mixed corn...	.74 @ .74 1/2	.71 1/2 @ .72
Oats—		
No. 2 white...	.47 @ .48	.50 @ .51
No. 2 mixed...	.43 @ 43 1/2	.43 @ .44

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	1912 1911
Chicago...	\$1.13 \$.98	74 1/2 63 1/2	47 1/2 48
Kan. City..	1.05 .90	77 1/2 70 1/2	46 49

Cotton Market.

Galveston, Tex., July 8.—COTTON—Market higher, 12 1/2 c.

Produce Prices Now and One Year Ago.

	Butter	Eggs	Hens
1912 1911	1912 1911	1912 1911	1912 1911
Chicago...	25 23	17 1/2 13	13 1/2 12 1/2
Kan. City..	24 1/2 22	18 14 1/2	12 9

Absorbine in Treating Fistula.

Absorbine can be applied to an open sore, not only with safety, but with the assurance that it will promote a healthy healing process and kill the germs. This is one reason why it is so effective in cases of fistula. There is no danger of infection or proud flesh formations where Absorbine is used. A bottle of Absorbine diluted as per the formula on the label, makes three gallons of effective liniment at a cost of 80 cents a gallon. This diluted liniment is positively antiseptic and germicidal. At dealers \$2.00 a bottle or sent direct, express prepaid, upon receipt of price. W. F. Young, P. D. P., 209 Temple St., Springfield, Mass.

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.

Grasshoppers Making Trouble

SOME TRIED REMEDIES.

Grasshoppers are making trouble early this season and this is the time to head them off before they get too thick. The "hopperdozer" method of catching them will do while the hoppers are still in the wingless state. This is a long narrow pan mounted on low runners and having a high back to it. The pan should be 2 or 3 feet wide, 3 inches deep and as long as desired. It should be water tight and divided into compartments to prevent spilling. Put some water in the pan and cover this with kerosene. A back 3 or 4 feet high may be made of canvas stretched over poles. This done you are ready to hitch a horse at either end and begin harvesting the hoppers. The pan comes scraping along and most of the hoppers scared up will drop into the pan of oiled water. Some may jump out, but once having touched the oil they are done for. This is a job most boys will enjoy.

Three poison mixtures are recommended as reliable and practical by government and state experiment stations—a bran mash, the Criddle mixture, and a sodium arsenite solution. Of these the Criddle mixture has proven most effective. Dr. Headlee, entomologist at Manhattan, gives the following methods of preparing these poisons:

Bran Mash.

Bran 20 pounds
White arsenic or Paris green..... 1 pound
Cheap molasses 2 quarts
Water to make a thick mash.

Mix the bran and arsenic or Paris green, dry. Add the molasses to about a gallon of water and pour over the poisoned bran, stirring thoroughly and adding enough water to make a stiff mash. Place the mash on the ground in small shovelful, that it may not dry out too quickly.

Criddle Mixture.

Clear horse dung..... 40 pounds
Common salt 2 pounds
White arsenic or Paris green..... 1 pound

Mix the arsenic or Paris green with the dung before adding the water. Dissolve the poison in about a gallon of water and add to the poisoned dung, adding enough water to make the mass soft, but not sloppy. The attractiveness of bait may be increased by adding a half gallon of sorghum molasses.

Sodium Arsenite Solution.

Arsenite of soda..... 1 pound
Cheap molasses 1 gallon
Water 8 gallons

Dissolve the arsenite of soda in 1 gallon of warm water. Pour the sirup into the solution. When ready to use dilute it with the remainder of the water.

The vegetation should not be drenched with this spray, but should be thoroughly covered. Plants treated with this spray must not be eaten by domestic animals, but when they have served this purpose, should be cut down and destroyed. This method is practical because the sprayed plants may be weeds or grass along fences.

A Last Year's Experience.

Last year Mr. J. M. Cooper of Grinnell, Kan., tried the bran mash treatment and placed small piles of the mixture about 2 rods apart. The hot sun baked these piles into cakes and they lasted for months, each pile being marked by numbers of dead hoppers lying about them. The poison killed rabbits as well as hoppers.

Poultry, and especially turkeys, will make short work of all grasshoppers that come within their range and on many western Kansas farms flocks of them are maintained largely for this purpose.

CONSIGN OR SELL TO US YOUR HAY AND GRAIN

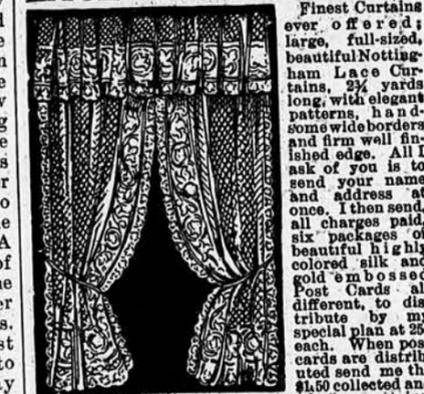
Send us your name and we will keep you posted on the market. C. E. SHOESTALL HAY & GRAIN CO., 605B Live Stock Exchange, Kansas City, Mo.

Bracelet Ring FREE



To Every Girl Who Wants Them
Both Guaranteed
We will give, absolutely free, to the first girl in each neighborhood who writes us, this fine Adjustable Signet Bracelet, guaranteed for five years. It is made of real rolled gold, with handsomely chased links and highly polished, engraved signet disk with space for your initials. Also new stylish Signet Ring, beautifully engraved design, your exact size, as extra free gift.
Just send us your name and address for 8 packages of our choice to be distributed among your friends on our special offer. When distributed, send us money collected and we send you this beautiful bracelet in a pretty satin-lined case, also the ring, both absolutely free. Your money refunded if you are not delighted. Address: S. M. Wright, 304 Jackson St., Topeka, Kansas.

LACE CURTAINS FREE



Finest Curtains ever offered; large, full-sized, beautiful Nottingham Lace Curtains, 2 1/2 yards long, with elegant patterns, hand-some wide 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 and figured Post Cards, all different, to distribute by my special plan at 25c each. When post cards are returned, 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.

Splendid New FREE COOK BOOK

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 recipes—all calling for only such ingredients as nearly every housekeeper has on her shelves. Included in this book are recipes for 33 salads, 32 fruit and egg desserts, 73 cakes, 57 pie and pudding, 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.

We will send this book free and postpaid to all who send only 25 cents to pay for a year's subscription to our big farm and home journal, The Missouri Valley Farmer. Address, Valley Farmer, Dept. C B-11, Topeka, Kan.

THIS BIG, 3 1/2 FOOT TELESCOPE FREE

This is a real telescope and not a worthless toy. It is made by one of the largest manufacturers in Europe. When closed, as shown in picture, the telescope is 12 inches long and has a circumference of 6 inches. When all 5 sections are pulled out the full length is over 3 1/2 feet. It is built of the best materials, brass each telescope. We furnish with use in studying the sun and the solar eclipses. Eye piece can also be used as a magnifying glass to detect insects or germs in plants or vegetables.

Powerful Lenses 5 to 10 Mile Range
The lenses in this telescope are carefully ground and correctly adjusted by experts. See objects miles away. Farmer says he could count the windows and tell the colors of a house 7 miles away and could study objects 10 miles away which were invisible to the naked eye. Absolute necessity for farmers and ranch men. They can keep their eyes on the cattle, horses or men when far distant.

Our Offer!! We will send one of these big telescopes free and prepaid to all who send \$1 to pay for 4 new subscriptions to the Valley Farmer at 25c per year and 12c extra for postage. Or send \$1 to pay for one new subscription to the Valley Farmer for 6 years and enclose 12c extra (\$1.12 in all) and receive telescope free and prepaid. Guaranteed to please you in every way or money promptly refunded.

VALLEY FARMER

11 Capper Bldg. TOPEKA, KAN.



Tax Rebates For Farm Ponds

KANSAS HAS SUCH A LAW.

There are a good many Kansas laws passed by legislatures that have since been buried in the maze of statute books and practically forgotten. Perhaps not one farmer in 100 in the state knows that the owner of a farm on which is a properly constructed pond is entitled to a rebate in taxes. True the rebate is small and the amount of redtape to be unraveled is large but the law is there just the same.

The measure was passed during the session of 1911. In order to come under its benefits a dam must be thrown across a dry water course, this dam to be constructed after the specifications of the county engineer or county surveyor. When such a dam is made of earth its owner is entitled to a reduction of \$100 in valuation on the land on which the pond is located, provided that the pond has stored an "acre-foot" of water for the major portion of the year prior to March 1. An acre-foot of water is a quantity equal to a foot of water covering an acre of ground. Where the quantity of water stored amounts to 4 acre-feet of water the reduction in valuation is \$200. Where the dam is of masonry the reduction is \$200 for an acre-foot of water and \$300 for 4 acre-feet.

To fulfill the requirements of the law a landowner must file with the register of deeds a certified plat showing location of dam, with form and dimensions and a map of the drainage area. This must be certified to as substantially correct, by a surveyor or engineer. It is the duty of the township trustee to furnish the county commissioners with a certified statement during March as to whether or not the pond in question has stored the specified quantity of water. The commissioners then make the reduction in valuation.

This law does not apply to or prevent the drainage of wet, overflowed or swamp land.

A canvas cover thrown over the cans on the way to town will do that much toward keeping up the quality of cream or milk. Wet the canvas.

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Our graduates earn salaries ranging from \$800 to \$2000 per year as teachers. Our courses are complete in piano, voice, violin, cello, organ, band and orchestra, theory of music, expression, (elocution,) etc. Public school music. ARTIST FACULTY teachers and artists of international fame in all departments. Prices of tuition range from \$5.00 to \$40.00 per term of ten weeks. Board and furnished room average \$5.00 per week. Excellent students boarding apartments. Our buildings and concert hall located right in the heart of the city. Many free advantages, concerts, recitals, etc. Beginners as well as advanced students accepted. The Largest Music School in Kansas. Write to-day for FREE catalog, booklets, etc.
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Advertisements will be inserted in this department at the low price of 5 cents per word each insertion for one, two, or three insertions. Four or more insertions only 4 cents per word each insertion. Cash must invariably accompany the order. Remit by post office money order. No order taken for less than \$1. This does not mean that a single insertion of your ad must cost \$1, but that your total order must be for at least \$1. All advertisements set in uniform style. No display type or illustration admitted under this heading. Each number and initial letter counts as one word. Guaranteed circulation over 104,000 copies weekly. Everybody reads these little ads. Try a "Farmers Classified" ad for results.

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RED POLLS—27 year breeder of best farmers' cattle that live. Bulls for sale. D. F. Van Buskirk, Blue Mound, Kan.

SEEDS AND NURSERIES.

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

ALFALFA SEED—Offer extra quality alfalfa seed, non-irrigated, \$9.00 bu., delivered any station in state Kan. Sack free. Sample sent on request. L. A. Jordan, Winona, Kan.

FOR SALE OR EXCHANGE.

FOR SALE or trade: One 1st class feed and grist mill. Address Tom Mitcham, Lehigh, Okla.

WANT TRADE—Land for a bakery and business house, in county seat if possible, or for cash. Thomas Schimkowitz, Collyer, Kan.

SALE — EXCHANGE — Farms, ranches, merchandise, properties; anywhere. Description first letter. J. S. McBrayer, McCook, Neb.

FOR SALE OR EXCHANGE—Mills, elevators, farms, etc. Write for our list. Iowa Mill & Elevator Brokers, Independence, Iowa.

FOR SALE or trade for farm—Good mfg. business. Splendid opportunity for energetic man. Must sell because of ill health. Hutchinson Cider & Vinegar Works, 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, Milam Springs, Ark.

GOOD blacksmith shop in Atchison Co., Kan., in good town, well furnished with a fine set of tools and stock, new building double boxed, two big lots, everything run with gas engine; new trip hammer, automatic drill; all in good shape; will sell or trade. Address Box 31, Arrington, Kan.

FOR SALE or trade at once. Good threshing outfit, 22 h. p. up to Geisler engine, and 36-70 Avery separator, cook-shack-wagon. Everything goes. Will trade for land, horses or good city property. Reason, I am in the show business and I cannot look after threshing. Call or write Joseph Pizinger, Crystal Theatre, Box 236, Holsington, Kan.

FOR SALE.

REGISTERED English bull terrier bitch. Price \$5. Box 323, Halstead, Kan.

FOR SALE—Twenty-five thousand hedge posts. H. W. Porth, Winfield, Kan.

FOR SALE—Fifteen horse gasoline tractor, Standard make. S. B. Vaughan, Newton, Kan.

FOR SALE—One 10 h. p. portable I. H. C. gas engine; \$250.00; guaranteed in good condition. E. W. Thoes, Alma, Kan.

LIVERY stable, stock and auto in best town, south central Kansas; a money maker. For particulars, Owner, Lock Box 244, Kiowa, Kan.

FOR SALE—Horse traction engine, steel wagon tank, pump and hose used sixty days. Bargain for quick sale. E. T. McCabe, Alta Vista, Kan.

YALE Automatic Adding Machine, all parts made of steel, nickel plated and warranted accurate, \$1.00 prepaid. Yale Mfg. Co., Dept. M 1, Newark, N. J.

NEW white alfalfa honey, 60 pounds \$5.25, case 120 pounds \$10.00. Bulk comb honey, 53 pound can \$6.25, case 116 pounds \$12.00. Bert W. Hopper, 514 South Main St., Rocky Ford, Colo.

SHEET MUSIC—Latest popular hit, "Don't You Know the People Will Talk?" Written by a Kansas woman; everybody wants this song; it's great; order quick; 25c silver. W. H. Kessler, Leoti, Kan.

RETAIL lumber yard investment. Write us how much stock you can take in the retail lumber business. Safest and most respectable, permanent and profitable business; fully established; satisfied stockholders. Address Lumber, 1001 Waldheim Bldg., Kansas City, Mo.

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WILL consider auto up to \$2,000. Five passenger. Have 160 level improved land 6 1/2 miles Lakin, Kan. Value \$3,200. Cash and terms on balance. Edward E. Johnson, E. Las Vegas, N. M.

TO TRADE—General merchandise stock; invoices about \$4,800; doing better than \$1,500 per month; expenses light; best farming community. Want good eighty in exchange. Deal with owner and save commission. Address Owner, care Mail and Breeze.

WANT TO EXCHANGE equity in 1 1/4 acres and house at Topeka for equipment of small farm in N. E. Kansas. Prepared farm to be leased to me for term of years. Am experienced, 36 years of age, lived in Nebraska and Kansas. Jno. Walter Mills, Gravette, Ark.

LANDS.

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

WANTED to list your property for sale or exchange. Termini Realty Co., Clay Center, Kan.

WILL SELL all or part 200 acre fine farm, 12 mi. north of Wichita. J. B. Fitzgerald, Valley Center, Kan.

320 ACRES irrigated land, laterals in, cheap for quick sale, part time, near town. W. F. Pine, Dodge City, Kan.

CENTRAL MISSOURI farm bargain—Grains, grasses, fruit, timber, good water. Write Geo. R. Cleveland, Mokane, Mo.

BARGAIN—20 acres 8 miles west Lawrence, Kan., two lots in Pinneo, Colo. Write me at once, Ben Anderson, Knox City, Mo.

FREE book 600 farms and other property for exchange by owners, all parts country. Blackwell Real Estate Co., Blackwell, Okla.

FARM—320-acre improved farm to trade for good clean merchandise; mortgage \$4,500; price \$75 per acre. Bronston, Garnett, Kan.

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

IF YOU want to buy a farm where corn is king, tame grass queen, we have five snaps. Write at once what you want. Bronston, Garnett, Kan.

FOR SALE—Lonoke county farms, truck growing, stock raising, fruit and berries. Climate mild and healthy. Write R. E. Bradford, Lonoke, Arkansas, for information.

800 ACRES good farm land, fair improvements, all fenced. 180 a. broke, all tillable. Stock, tools, etc. \$20 per acre. Part time. Full description, address Owner, Box 57, Hanston, Kan.

160 ACRES, fine corn and bluegrass farm in Crawford county, Kansas. New five room dwelling, two barns, cribs, hog houses, small creek, no overflow. \$65 per acre. B. V. Gill, Chillicothe, Mo.

3,500 ACRES irrigated alfalfa and fruit land to be sold in small farms. Illustrated catalogue just out. Free. Land in Colfax Co., N. M. Agents wanted. Edward E. Johnson, E. Las Vegas, N. M.

640 ACRES Hodgeman Co., Kansas. Smooth dark loam, 15 feet to water, one mile to German church. \$15 per acre. \$4,000 cash, balance 5 years 6 per cent. Box 38, Mount Hope, Kan.

I OWN 320 acres of good corn, clover and bluegrass land in Linn county, (north) Missouri, near Brookfield, fine for general farming, improved. Price \$55.00 per acre, \$6,000 cash will handle. Owner, John Billington, Meadville, Mo.

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FOR SALE—Fine 480 acre farm near Midale, Sask., Canada; 490 under cultivation; seven room house, barn and other buildings; fine well; terms, Mrs. Mary J. Barrett, 104 N. R. St., Muskogee, Okla.

ARKANSAS FARMS, stock, grain, truck, fruit, poultry; no rock, smooth, level, fine roads, good markets, best climate, water and health; prices right; send for list and description. Edw. Hopkins, Kensett, Ark.

FOR SALE—320 acres 2 miles from town, new 7 room house, large bank barn, 100 acres creek bottom in cultivation, 100 acres meadow, balance pasture, best grain and stock farm in country. Price \$50 per acre clear. T. W. Scott, Hepler, Kan.

FOR SALE—"Valley View Stock Farm." On easy terms, 120 acres, clean of noxious weeds and productive of largest crops of wheat, corn and clover, 1/4 mile to town of 700. Improvements \$7,700. Price \$12,500. No waste land. C. C. Payne, Owner, Kasota, Minn.

FOR SALE—440 acres of land in 1/2 mile of station Acorn, on Kansas City Southern railroad, in Polk county in western Arkansas; the finest climate in the world; suitable for a farm, summer resort or a stock ranch; fine springs; good land; for cash at \$6 per acre if taken at once. Address American Title Co., Mena, Ark.

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

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365-ACRE farm; \$50 an acre; will rent for \$1,250 a year. For information address L. C. Morton, Olivet, Kan.

VIRGINIA farms and timber lands. Improved and unimproved; \$5.00 an acre and up. Rich land, heavy crops, healthy climate, happy farmers, colonial homes. Catalog free. B. T. Watkins & Co., No. 28 North Ninth street, Richmond, Va.

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

FARM WANTED—1st class farmer, in purebred hog business, wants to rent small farm well improved, close to good market, in central Kansas. Has some capital; would purchase same on easy terms. Best references. Address Box 84, Irving, Kan.

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FOR SALE—Small lumber and coal yard in S. E. Neb. No competition. Present owners cannot give it personal attention. Will take six or seven thousand dollars to handle it. No trades. Simpson Lumber & Coal Co., Simpson, Kan.

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

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

WANTED—I want a representative in every county in Kansas, to sell a sanitary drinking fountain to schools. Salesman make big money. R. M. Yates, Topeka, Kan.

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

WANTED—Active man in every lodge. To join this Society. Carry its sick, accident, death benefits. Get friends to join. Spare time. \$50 to \$150 a month. Write for particulars. Box BQ-293, Covington, Ky.

MEN AND WOMEN WANTED for Government jobs \$80.00 month. Write for list of positions open. Franklin Institute, Dept D 55, Rochester, N. Y.

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

YOUNG MAN, would you accept and wear a fine tailor made suit just for showing it to your friends? Could you use \$5.00 a day for a little spare time? Perhaps we can offer you a steady job. Write at once and get beautiful samples, styles and this wonderful offer. Banner Tailoring Company, Dept. 623, Chicago.

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

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MISSOURI AUCTION SCHOOL, largest in world. Own largest living mule, 1404 Grand, Kansas City.

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AGENTS WANTED.

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

BOY AND GIRL AGENTS—Sell 24 packages of post cards for us and receive a beautiful watch, doll or any other premium you select from the list we send you, free. Write today. Box 73, Dept. 2, Key West, Fla.

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.

WANTED.

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

WANTED—Names of parties growing Pearl or Cat Tail Millet, Beardless Barley, Popcorn, Alfalfa Seed and other items of interest to Seedsmen. There is money in this for you as our purpose is to buy. Address Box 2, care Mail and Breeze.

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STEWART BROWN, Patent Attorney. Write for particulars. Address Wichita, Kan.

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

PATENTS THAT PAY. \$427,530 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.

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

MISCELLANEOUS.

MAKE DELICIOUS CAKE without eggs, butter or milk. Receipt 10c. Dainty Bakery, Wichita, Kan.

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

GLASS AND METAL POLISH. The best you ever saw or used. Trial box 10c. Kansas Chemical Co., Wichita, Kan.

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

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

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

In putting up a milk house it is a good idea to consider the coolness of the location. Put it in the shade if possible.

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

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

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.

Berkshire Hogs.

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

Poland China Hogs.

- Aug. 5—A. J. Podendorf and Frank Rainier, Logan, Ia.
- Aug. 6—John B. Lawson, Clarinda, Ia.
- Aug. 7—J. W. Pfander & Sons, Clarinda, Ia.
- Aug. 8—L. R. McLarnon, and J. O. James, Braddyville, Iowa.
- Aug. 28—A. B. Campbell, Geary, Okla.
- Oct. 8—J. D. Spangler, Sharon, Kan.
- Oct. 8—T. J. Melsner, Sabetha, Kan.
- Oct. 9—Herman Gronniger & Sons, Bendena, Kan.
- Oct. 15—H. C. Graner, Lancaster, Kan.
- Oct. 16—H. B. Walter, Effingham, Kan.
- Oct. 16—Harry Wales, Peculiar, Mo.
- Oct. 18—W. E. Long, Meriden, Kan.
- Oct. 19—C. L. Branin, 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. 2—J. H. Hamilton & Son, Guide Rock, Neb.
- Nov. 9—A. C. Lobough, Washington, Kan.
- Nov. 13—Herman Gronniger & 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. 18—J. H. Harter, Westmoreland, Kan.

Duroc-Jersey Hogs.

- Aug. 2—R. J. Harding, at Carson, Ia.
- Aug. 13—F. C. Crocker, Filley, Neb.
- Aug. 31—J. R. Blackshere, Elmdale, Kan.
- Sept. 4—W. R. Huston, Americus, Kan.
- Oct. 17—Moser & Fitzwater, Goff, Kan.
- Oct. 19—H. B. Miner, Le Rock, Neb.
- Oct. 22—F. 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.
- Nov. 12—Lant Bros., Dennis, Kan.
- Jan. 22—Thompson Bros., Garrison, Kan.
- Jan. 25—Glenn Keesecker, Washington, Kan.
- Jan. 31—W. H. Seddon, Persia, Ia.
- 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, De Kalb, Ia.

Shorthorns.

Nov. 15—W. M. Watt & Sons, Green City, Mo.

Kansas and Oklahoma.

BY A. B. HUNTER.

If the chinch bugs are destroying your crops, you can stop them by using crude oil. C. A. Stannard of Emporia, Kan., can furnish you with crude oil promptly and give you information in regard to using it. See his advertisement on page 11.

Lookabaugh Buys Shorthorns.

H. C. Lookabaugh, Watonga, Okla., has for years owned one of the largest and best collections of Shorthorns in that state. He recently bought the entire Brookside herd, from Wilson & Bolter Bros. These are the cattle formerly owned by M. L. Lyons, of El Reno, Okla. This is a splendid lot of richly bred cattle and added to Mr. Look-

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. Please discontinue my ad in your paper, as I have sold all I have for sale. GEO. H. SMITH, Breeder of Mule Footed Hogs.

Farmers Mail and Breeze, Topeka, Kan. Farmers Mail and Breeze has brought me more business than all the other papers combined. GEO. R. MILLER, Real Estate Dealer, Bowling Green, Mo.

Every week for years Farmers Mail and Breeze has printed voluntary letters from its advertisers and different letters are printed every week.

baugh's good herd gives him a choice lot of she stuff to sell. The Brookside cattle included some very high priced Scotch cows and heifers, the junior champion heifer at Oklahoma State Fair, the \$1,000 bull, Prince Abbott, and two bull calves, sired by a half brother to the undefeated champion Ring Master.

Kansas and Nebraska.

BY J. W. JOHNSON.

Duroc-Red Pells.

Geo. W. Schwab, Clay Center, Neb., is offering bargains in both Duroc-Jersey hogs and Red Polled cattle. Mr. Schwab is one of the most extensive breeders of Duroc-Jerseys in Nebraska and he numbers his customers in several states. Only last week he shipped two bred gilts and a boar to Yuma City, Calif., and a topy gilt to Woodbine, Ia. Mr. Schwab raises and sells lots of hogs and he pleases his customers. Note ad in this issue and write him.

Kansas, Missouri and Iowa.

BY C. H. WALKER.

Breeders of big type Poland Chinas will be interested in the announcement that T. J. Melsner of Sabetha, Kan., will sell a draft of 50 head from his well known herd at his farm near Sabetha, on October 8, the day before Gronniger & Son's sale at Bendena on the 9th. Mr. Melsner has been before the public as a breeder of high class big type Poland Chinas too long to need an introduction here. By his square deal methods and by producing a highly desirable type of Poland Mr. Melsner has established a trade that will last. Those who know him also know that when you buy a hog from his herd you get a square deal. No one ever has known Tom Melsner to go back on anything he says he'll do. It is just such methods as these that make it

LAST WEEK IT WAS A LIVESTOCK ADVERTISER, AND THIS WEEK A REAL ESTATE ADVERTISER, WHO TESTIFIES TO THE PULLING POWER OF FARMERS MAIL AND BREEZE.

"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. We will give you a list of a few of the deals that were closed through this office, of which the Farmers Mail and Breeze was the means of our getting in touch with the people. These were closed last month. Underwood & Underwood of New Jersey, sold 320 acres for them. Consideration, \$25,000. Sold for Joe Gilliland of Rantoul, Kansas, 160 acres, consideration \$8,000. Chas. B. Alexander of Bloomington, Ill., sold to him 160 acres in Franklin Co., Kansas, consideration \$10,000. Sold to Miss Mosshart of Brown County, Kansas, 120 acres in Anderson Co., Kansas. Consideration \$8,000. Sold G. B. Jackson 260 acres in Franklin Co., Kansas. Consideration \$17,000."

MANSFIELD LAND CO., OTTAWA, KANSAS.

a mighty good place to buy top breeding stock. The offering to be sold this fall will include 50 head, 30 fall pigs and 20 of this spring farrow. The fall stock is sired by Metal's Choice. And by the way this boar is looking much better than ever. At 5 years of age he is one of the smoothest big boars and the best on his feet one most ever saw. He is a mighty good breeder, too, or he wouldn't be in the herd. The spring pigs are sired by Gold Utility, a son of Gold Metal, that is developing into a great breeding boar; King Jumbo and Grand Expansive, a son of old Expansive. Get your name on Mr. Melsner's catalog list.

Expansive Fall Boars for Sale.

H. B. Walter, of Effingham, Kan., is making attractive prices on a few head of extra choice 1911 fall boars. These are of the last crop by the great old boar, Expansive, and Mr. Walter has brought them along and developed them to the best advantage for their future usefulness. There isn't any question about the class of stock sired by Expansive. The get of this boar probably heads more herds in the state than the get of any other one boar. And the few head which Mr. Walter has carried over are good as anything Expansive ever sired. Here are the measurements of a boar, an average of the lot. Length 55 inches; heart and flank 52 inches; bone 7 1/2 inches; weight 300 pounds. This boar

was farrowed August 3, 1911, and the measurements were taken May 21. Counting the improvement a boar would naturally make in two months one can readily see how good these pigs really are. Mr. Walter informs us that they have done extra well in that time and are looking fine. He recently sold one of them to S. W. Tilley of Irving, Kan., and has had a good trade all summer. He has five head left by Expansive and two by Expansion Chief. For those in the market for something really choice in the way of a herd boar this is an opportunity that should not be overlooked. The Expansive boars breed on and this is the last chance to get a pig sired by him. Write Mr. Walter per this notice and his advertisement or take a trip to Effingham and see them at first hand. It is well worth the time and expense. Kindly mention this paper when making inquiry.

Moser & Fitzwater's Durocs.

One of the best herds of Duroc-Jerseys it has been the writer's pleasure to inspect recently is owned by Moser & Fitzwater of Goff, Kan. Something like 50 head of sows are in working condition in this herd and there isn't a common one in the bunch. This is exceptional where so large a number is taken into consideration. F. J. Moser is the man in charge of the herd on the farm and A. H. Fitzwater, a banker at Goff, handles the correspondence and looks after the business end. These two gentlemen work together in the right way to build up a strong herd. One thing they are united on is that nothing but the very best shall find a place in the herd and that as soon as an animal loses its usefulness or fails to produce up to the standard set by them it goes to the fattening pen. By a rigid system of culling these two breeders have succeeded in getting together a sow herd that is A-1. The sows are of the right type, have the scale that is unusual and so desirable and are very prolific. Several of the sows bred in this herd are of show type and are producing that kind. Smiler 107121, a son of Monarch's Choice and out of a dam by J. B.'s King of Cois.; M. & F.'s Wonder and M. & F.'s Col., sons of Elder's Wonder and G. & C.'s Col., and out of dams by The Chief and Model Chief Again, are the chief herd boars and the sires of the spring and fall pigs. The spring crop of pigs is doing well and shows good growth. Their fall pigs, yearlings in September, are due to raise litters about that time and are looking good. The older sows are exceptionally good and are also bred for fall litters.

They have for sale now pigs of either sex of fall or spring farrow, a few bred yearlings and would sell a few of their tried sows. They are the kind that will please. They have claimed October 17 as their fall sale date. Breeders and farmers in the market for good stock should keep this date and this herd in mind. Write now for their prices on the stock offered per advertisement in this issue.

Carpenter's School for Auctioneers.

The following is taken from a letter written by Col. H. S. Duncan, who is instructor on general and purebred sales for the Missouri Auction School, the next term of which opens at Trenton, Mo., August 5. "How true the saying 'Time nor tide waits for any man.' Only a few weeks now until August will be here, and on the fifth day of August the Missouri Auction School will open for a great term. August, 1912, will mark the turning point from failure to success in the lives of many men. Yes—many men, who heretofore have been laboring hard at some despised job for meager pay, will walk out of the Missouri Auction School the last day of this August term, qualified, confident and capable of making more money in two hours' time than they have ever made before in a month. Fitted and trained for a profession which not only pays, but puts them on an equal footing with the best business men in the coun-

try. Who are these men who will begin to count life's success next month? I answer you: They are the men who will enroll early and be on hand Trenton, Mo., Monday, August 5. They are the ones who will not allow some little trivial thing to cheat them out of becoming auctioneers, and making a grand success of the business. They are the men who really wish to accomplish something better, and will be at Trenton for that purpose, rather than offer some childish excuse for not coming, and be a failure always, content with whining 'I can't,' rather than getting

LIVESTOCK AUCTIONEERS.

COL. HOMER BOLES, Randolph, Kan.
Livestock and General Auctioneer.

COL. L. R. BRADY, Livestock Auctioneer
Manhattan, Kan. Write or wire for dates.

Col. S. B. Young, Glasco, Kan.
Livestock Auctioneer. Write for dates.

SAM W. KIDD, Live Stock Auctioneer
Kansas City, Mo.
"A rising star." Col. F. M. Woods, 1903.

JOHN D. SNYDER HUTCHINSON, KAN.
Auctioneer
Pedigreed Live Stock a Specialty.

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. N. S. HOYT, Mankato, Kansas,
Livestock Auctioneer. Big Horse 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.

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. Trospen, Auctioneer
Livestock and Farm Sales my Specialty.
FRANKFORD, KAN. Write for Dates.

LAFE BURGER
LIVE STOCK AND REAL ESTATE
AUCTIONEER
Wellington, - - - Kansas

COL. RAY PAGE
FRIEND, NEB.
Livestock Auctioneer. Write for Dates.

FRANK J. ZAUN
FINE STOCK AUCTIONEER
Independence, Mo.
Bell Phone 675 Indp.
"GET ZAUN. HE KNOWS HOW."

Oklahoma Auction School
Col. O. R. Lilley, President.
Best in World. CATALOGUE FREE.
Next Term Opens August 5, 1912. Address, GUTHRIE, OKLA.

Col. Oscar H. Boatman
Irving, Kansas
Livestock Auctioneer
Graduate American Auction School
Write for Dates

THREE first class JENNETS in foal for sale.
A. E. C. Duback, R.R.No.4, Wathens, Kan.

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

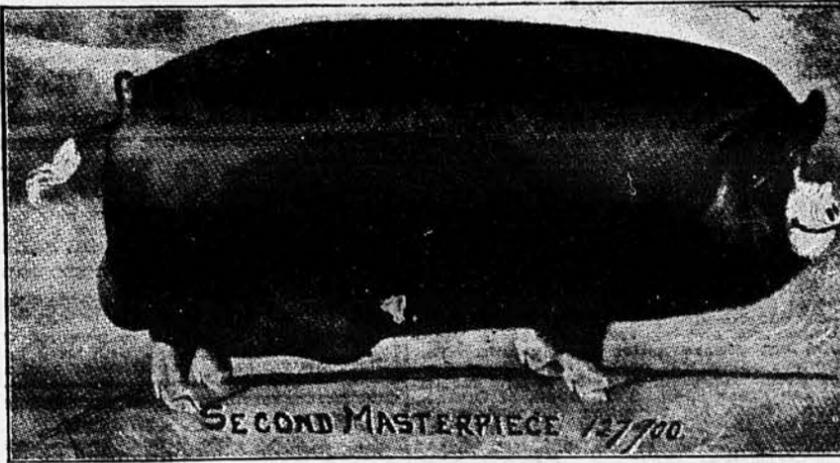
are the best general purpose horse for the farmer. They have size, beauty, action, endurance and intelligence and mature early. They stand gracefully both hardships of usage and climate. Many a farmer does not know what a great farm horse the coach horse really is. Let us tell you more about him and you will want him. We are offering young stallions and fillies, also mares in foal to the imported Oldenburg Coach Stallion Mephisto 6221. Call on or write, J. C. Bergner & Sons, "Waldeck Ranche," Fraitt, Kan.

The Best Imported Horses 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.



SECOND MASTERPIECE 12/100
Second Masterpiece, Berkshire boar, owned by J. T. Bayer & Sons, Yates Center, Kan., 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 to be held by Bayer & Sons, on August 27, 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. He has a national reputation as a sire of high class pigs.

SHORTHORNS.
Milk and Beef Combination. Hornless Shorthorn Cattle, Oxford Down Sheep, Bourbon Red Turkeys, J. H. VALKER, LATHROP, MO.
JOHNSON'S Shorthorns 50 HEAD including 6 good young bulls. Also young jacks. Farmers prices. **T. F. JOHNSON, GARFIELD, KANSAS.**

SHORTHORN CATTLE
POLAND CHINA SWINE and CLEVELAND BAY HORSES. All stock pedigreed. Prices reasonable. **Thos. B. Murphy & Sons, Corbin, 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 Goods 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.**

SCOTCH AND SCOTCH TOPS.
FOUR BULLS 10 TO 18 MONTHS OLD.
ALSO SOME GOOD COWS AND HEIFERS.
S. B. AMCOATS, CLAY CENTER, KAN.

SHORTHORNS
 5 bulls from 12 to 18 months. Roans and reds. Scotch Tops. Address, **L. M. NOFFSINGER, OSBORNE, KAN.**

Lookabaugh's Shorthorns
 Violet Search by Searchlight at head of herd. Breeding stock, both sex. Prize winners and descendants of prize winners. Write your wants. **H. C. Lookabaugh, WATONGA, OKLAHOMA.**

WANTED SHORTHORN SHOW BULL

We have a customer for a high class Shorthorn show bull that will show in the aged class the coming season. Scotch breeding and type preferred. If you can fill this order, act quick, giving complete description, breeding, etc. Address **BREEDER, care Farmers Mail and Breeze, Topeka, Kan.**

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.**

HEREFORDS.
MATHEWS HEREFORDS
 Big, strong yearling bulls, also extra good cows and heifers, strong in Anxiety 4th blood. Special prices on car lots. Write today. **FRED MATHEWS & SONS, Kinsley, Kan.**

Modern Herefords
ROBT. H. HAZLETT
 Hazford Place
 Eldorado, 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**

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 Erawith Bud and a Necklace, two roans and 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.**

Brown Swiss Calves For Sale. E. Bourquin, Bartlett, Kan.

up like a man and looking the world in the face—saying "I will." Col. W. B. Carpenter, president of the school, is composed of that fiber that does things. He belongs to the "I will" class, and it's worth your tuition just to know and associate for a month with such a high class business man as Col. Carpenter. He takes an interest in you, and will make you feel at home from the first minute. To which class do you belong? You are not one of those "I can't" fellows, destined by reason of your own indolence and lack of manly courage to destroy the possibilities of your own life, and the happiness attending a successful business career? Then I ask you to enroll today. Do it now, and be present at roll call, Trenton, Mo., Monday, August 5, 9 a. m., 1912. You will rejoice for having done so." The Missouri Auction School is an institution that has made good. It is doing a great work and has the endorsements of the best in the profession. For further particulars an information address Col. W. B. Carpenter, 14th and Grand Ave., Kansas City, Mo., or Trenton, Mo.

Kansas and Missouri
GEO. W. BERRY.

The active trade in heavy horses and the large number of transfers of registered draft stallions and mares indicate a growing demand for breeding stock and a bright future for the horse breeding business. Belgian and Percheron stallions and mares are offered at attractive prices by Blue Valley Stock Farm of Blue Mound, Kan.

Valley View Shorthorns.
 A number of bulls of different ages and cows in lots to suit are advertised in Farmers Mail and Breeze by Adam H. Andrew, breeder of Shorthorn cattle, Girard, Kan. The cows and heifers are bred to Orange Major 264704, and the bulls were sired by Major of Valley View 266325. Breeders or farmers wanting to add to their herds well bred Shorthorns that will bring satisfactory returns for the investment should call on Mr. Andrew or address as above.

H. B. Cowles's Holsteins.
 One of the oldest and best producing herds of registered Holstein cattle is owned by H. B. Cowles, Topeka, Kan. This is a great working herd. Many of the cows are heavy milkers and have made some remarkable records. It is safe to say that the Cowles herd is unsurpassed, and perhaps not equalled, by another dairy herd in the state in milk production. Mr. Cowles is the owner of a large herd, and his stock for sale at most all times a special offering of choice bull calves is advertised in this paper.

Capital View Galloways.
 A choice lot of Galloway bulls is offered by G. E. Clark and W. W. Dunham, of Capital View Ranch, Silver Lake, Kan. These gentlemen own one of the very large herds of Galloways. Their large breeding herd is one of the most interesting sights among the pedigreed herds in the country. The females represent the best tribes of this most hardy breed, and the bulls in service are superior individuals and widely known sires. The admirers of the "Shaggy Blacks" would enjoy a day spent at Capital View Ranch. Mr. Clark will meet prospective buyers in Topeka if notified in time.

Sutton Farms Angus.
 Sutton Farms, Lawrence, Kan., advertise a special offering of 40 head of choice yearling bulls. They will be sold individually or in lots to suit the purchaser. These bulls are the early calves of the spring of 1911, and have been well grown. They were sired by the bulls that got prize winning steers at the big stock shows held at Chicago, Kansas City, Fort Worth and Denver. This is one of the largest and most favorably known herds of Aberdeen Angus cattle in the West. Sutton Farms will sell their best calves. Prospective buyers should see the herd before purchasing elsewhere. Address as above, planning your visit, mentioning Farmers Mail and Breeze.

W. T. Hutchison's Durocs.
 W. T. Hutchison of Cleveland, Mo., offers fall boars and spring pigs at reasonable prices. The fall boars were sired by Drexel Pride, the sire of the young herd of Durocs shown most successfully by Mr. Hutchison. A good part of the spring pigs are the sons of Queen's Wonder, the great Crimson Wonder boar now in service in this herd. Queen's Wonder was got by Crimson Wonder Again and he by Crimson Wonder I Am, a son of Crimson Wonder, the founder of the great Crimson Wonder family. Queen's Wonder combines size, smoothness, bone and substance, has a very good head and perfect color. His pigs are very uniform, and many of them are show pigs.

Hampshire Hogs.
 Attention is directed to the advertisement of Hampshire hogs by T. W. Lavelock, Princeton, Kan. Mr. Lavelock is the owner of one of the largest herds of the belted breed. His breeding herd includes over 200 sows, and his farm is one of the best equipped hog breeding plants in the state. Mr. Lavelock has enjoyed an extensive trade and has made sales in different sections of the country. His public sale of Hampshires which was held at Ottawa last March was the first auction of Hampshires ever held west of the Missouri river, and was one of the successful hog sales of the year. If interested in white belted hogs, write T. W. Lavelock, Princeton, Kan., for descriptions, or visit his farm.

The Mansfield Land Co.
 This firm is doing business under the name of the Mansfield Land Company and has advertised with Farmers Mail and Breeze off and on for about seven years and has always gotten good results. The present office was opened three years ago, by Allen Mansfield, Jr., who is now cashier of the Franklin Co. State Bank, of Ottawa, Kan. Upon his accepting the position as cashier, the business was taken over by Wilber J. Mansfield, as manager of the entire office. Frank B. Mansfield has charge of the clerical and insurance department. T. T. Mansfield having full charge of the loan department. D. L. Casida having charge and being the road salesman. Guy Mansfield having charge of the life insurance department, and assisting in the other insurance work. Wilber J. Mansfield having charge of the exchange department and being manager of the entire office. Their business has more than

DAIRY CATTLE.
TWIN JERSEY HEIFERS, 3/4 BLOOD, \$80.
MRS. MOLIE McBRIDE, MANKATO, KANS.

Dutch Belted and Holstein
 male and female calves for sale from exceptionally good milkers. **Springdale Stock Ranch, Concordia, Kan.**

HOLSTEINS—CHOICE
BULL CALVES.
H. B. COWLES, TOPEKA, KANSAS.

LINSCOTT JERSEYS
 Only registered herd of merit in Kansas. A grand son of Golden Form's Lad—bred for butter—and 20 sows and heifers for sale at moderate prices. **R. J. LINSCOTT, HOLTON, KANSAS**

Holsteins For Sale!
 Am making special price on 12 head of milkers from two to eight years old. All milking now except one. She will be fresh soon. All good young stuff and a bargain at \$775. Don't wait to write but come and get them if you want them. Offer good to July 20. **IRA ROMIG, Station B, TOPEKA, KANSAS.**

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 Eurybia's Exile. I have but a few of these calves that are ready for service. Will sell them reasonably while they last. Write for prices and particulars. **W. N. BANKS, INDEPENDENCE, KANSAS.**

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

FOR SALE One 9 mo. old Guernsey reg. bull; granddam has record of 591 lbs. butterfat, well marked; also few Duroc Jersey spring pigs. **John Ferrenoud, Humboldt, Kan.**

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.**

MULE-FOOTED HOGS.
Mule Foot Hogs
 Bred sows and pigs in pairs, not related. Pedigree furnished. **ZENE G. HADLEY, WILMINGTON, OHIO**

O. I. C. SWINE.
O. I. C. HERD BOARS OR BRED SOWS
 By O. K. Winner, winner of 12 firsts, 4 champions and 4 grand champion ribbons in 20 shows, and Chickaway Model, second prize winner at Lincoln. Sows bred to these boars and Keep On Winner. Priced for quick sale. **H. L. BODE, FRIEND, NEBRASKA.**

O. I. C. Pigs \$10.00 EACH. Harry Haynes, Meriden, Kan.

EDGEWOOD O. I. C's. boars and bred and open sows, 15 lbs. gilt; spring pigs mated, no kin. **HENRY MURR, Tonganoxie, Kansas.**

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.**

O. I. C. Swine Best of breeding. Stock for sale of both sexes. Satisfaction guaranteed. **F. C. GOOKIN, RUSSELL, KANSAS.**

STAR HERD O. I. C's.
 Breeding stock of various ages, either sex. Best breeding represented in this herd. Write your wants. **ANDREW KOSAR, GLASCO, KANSAS.**

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.**

10 O. I. C. Fall Boars
 August farrow, by Boxer 20787; also spring boars, by Boxer and St. Croix 21907, by the champion Combination. Stock and prices right. Write today. Address **J. G. JORGENSEN, Box 6, Kimballton, Ia.**

Neef's O. I. C's—"The easy feeding big kind." Special offer on 15 yearlings by O. K. Perfection bred for September litters. Also 7 winter boars and 15 open winter gilts for sale. Booking orders now for spring pigs, either sex. Can furnish pairs or trios not akin. Can supply new blood to old customers. Description and prices on request. **RIVERSIDE FARMS, J. H. NEEF, Prop., BOONVILLE, MISSOURI**

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, Bunceon, 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 Trenton, Mo., and Oct. 7 at 14th and Grand Ave., Kansas City.
W. B. Carpenter, President, Real Estate and Live Stock Auctioneer

RED POLLED CATTLE.
Foster's Red Polls
 Write for prices on breeding stock. **O. 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.**

HAMPSHIRE.
Registered Hampshire Hogs Either sex, all ages and priced to sell. **W. C. STENZEL, ELMDALE, KANSAS**

Wittorff's Hampshires Best blood lines, bred sows and gilts, spring pigs, pairs and trios unrelated. Descriptions guaranteed. **F. C. Wittorff, Medora, Ks.**

Pure Bred Hampshires
 Inspect our herd or write for prices. Our motto is to please. **ALVIN LONG, Lyons, Kansas.**

HAMPSHIRE HOGS 30 tried and GILTS bred for Spring Farrow, including my **SHOW HERD.** Also Boars ready for service and spring pigs not akin. **C. W. Wolsenbaum, Altamont, Kan.**

15 Yearlings and a few bred for August and September litters to Corrector 8918. 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.

DUROC-JERSEYS.
WALNUT GROVE FARM.
 Boars and gilts, sired by E. & C.'s Col. and R. C.'s Buddy. Also spring pigs. **R. C. WATSON, ALTOONA, KANSAS.**

Grimson 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.**

Saline Valley Stock Farm
 Am booking orders for spring pigs, either sex; also a few choice fall boars and gilts. Pairs and trios not related. **J. LEE-DUNN, RUSSELL, KANSAS.**

W. T. HUTCHISON, CLEVELAND, MO.
DUROC JERSEYS.
 Special offering, 5 extra fall boars ready for service, for quick sale; also, choice pigs, either sex, pairs and trios. Order now for choice. I can please you.

BUY CHAPIN'S DUROCS
 25 tried sows, bred for Sept. farrow, \$35 to \$50. 7 summer gilts, bred for Sept. farrow, \$25. 30 spring pigs, \$15 for one, \$25 for two, 5 or more \$10 each. 3 fall boars, \$25 each. Chapin's Wonder and King's Col. herd boars, \$50 each. Have sold my farm and implement business, hence these prices. **GRANT CHAPIN, GREEN, KANSAS.**

Ridgewood Durocs
Offer Extraordinary!
 Ten boars, August, September and October farrow by Minor Heir, by the champion, Inventor and out of sows by Ridgewood Kant-Be-Beat, by Kant-Be-Beat, out of Vall's Pride, by Ohio Chief. These are bred in the purple and are the right kind individually. Get my prices and description before buying.
F. P. BURNAP
 107 West 10th St. Kansas City, Mo.

Neef's O. I. C's—"The easy feeding big kind." Special offer on 15 yearlings by O. K. Perfection bred for September litters. Also 7 winter boars and 15 open winter gilts for sale. Booking orders now for spring pigs, either sex. Can furnish pairs or trios not akin. Can supply new blood to old customers. Description and prices on request. **RIVERSIDE FARMS, J. H. NEEF, Prop., BOONVILLE, MISSOURI**

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.**

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 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 Trenton, Mo., and Oct. 7 at 14th and Grand Ave., Kansas City.
W. B. Carpenter, President, Real Estate and Live Stock Auctioneer

DUROC-JERSEYS.

FASHIONABLE BRED DUROCS
Graduate Col. at head of herd. Gilts bred to him and spring pigs either sex by him.
Royal Selon Stock Farm, Winfield, Kan.

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. 113779. Satisfaction guaranteed.
W. A. WILLIAMS, MARLOW, OKLAHOMA.

TAYLOR'S DUROCS Booking orders now for choice spring pigs, over 100 head to select from, sired by Col. Wonder 112305 and Mo. Climax. Litter mates being fitted for fall shows. Prices right. Chas. L. Taylor, Olean, Mo.

HEBRON FARM DUROCS
Some good fall boars for quick sale. Also a few good sows.
H. H. SHAW, - HEBRON, NEBRASKA.

BRED DUROC GILTS FOR SALE!
Fall boars, 2 yearlings, April pigs at weaning time. One extra good yearling herd boar. Write for prices and state your wants to J. E. WELLER, FAUCETT, MO.

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.

COLLEGE HILL HERD DUROC JERSEYS.
March and April pigs priced at three months old. Tattarax, G. M.'s Col. and Carl's Critic Breeding State Fair winners. Write for prices.
W. W. Bales & Sons, 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. 32779a, Crimson Prince 69527, Ruby's Chief 104417, King's Col. F. 89085. 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.

Spring Boars Ready to Ship
Unexcelled in breeding and quality. A few from State Fair prize winners. Order while young and save express. For prices on young stock address
C. O. ANDERSON, MANHATTAN, KANSAS

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."

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. TIGER, HARRAH, OKLAHOMA.

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
Geo. M. Clasen, Union City, Okla. wants.

CLOVER DALE DUROCS
Herd boar, Western Wonder Again No. 106667, by The Western Wonder, dam, Lady Silkworm. 400 gets him. September boars \$20, September gilts \$15 and \$20.00. Sows bred for July farrow, \$35 to \$50.
L. T. SPELLMAN, R. R. No. 8, Paola, Kan.

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.

Bancroft's Durocs.
We hold no public sales. Nothing but the best offered as breeding stock. Choice Sept. boars, tried sows and September gilts, open, or bred to order, for fall farrow. 80 Feb. and March pigs, either sex. Pairs and trios not akin. Prices right. Customers in six states satisfied. Describe what you want. We have it.
D. O. BANCROFT, OSBORNE, KAN.

BERKSHIRES.

FOR SALE-50 BERKSHIRES OF QUALITY
40 March and April pigs by Second Masterpiece, 30 at \$15 each or \$25 per pair. Balance show prospects, \$150 per five; something fancy. A few gilts and two October boars at \$25 each. Two October boars, by Second Masterpiece, and one by B. D.'s Centerpiece, fancy herd headers, at \$50 each. Yearling boars at from \$25 to \$50 each, also a few gilts bred to farrow in May and June at reasonable prices.
J. T. BAYER & SONS, Yates Center, Kansas.

Berkshires That Make Good
With size, bone and feeding qualities that please the farmers as well as ability to win in the show ring. Undeveloped young herd bred by exhibitor, three state fairs.
C. G. NASH, ESKRIDGE, KANSAS.

doubled in the last year. This office is considered to be one of the largest of this kind doing business in eastern Kansas.

Star Breeding Farm.

Samuel Drybread, proprietor of Star Breeding Farm, Elk City, Kan., breeder of Hereford cattle and Duroc hogs, has about 75 head of bulls, 15 to 18 months of age, which he offers to sell at private treaty. These bulls are well grown and are in fine condition. They are of good type, heavy boned fellows and nicely marked. Mr. Drybread offers, also, cows and heifers in lots to suit the purchaser. These are bred to Tophon 2d, a very high class bull. Mr. Drybread has always used the best sires he could obtain in both Herefords and Durocs. B. & C's Col., one of the greatest show boars and sires, stands at the head of the herd of Durocs owned by Mr. Drybread. The herd is a large one, and boars and sows of most all ages are offered for sale at all times.

Berkshires That Make Good.

The advertisement of Berkshires by C. G. Nash of Eskridge, Kan., appears with this issue of Farmers Mail and Breeze. The type of hogs produced by Mr. Nash is suggested by the subject line "Berkshires That Make Good." If Mr. Nash has a hobby in breeding Berkshires it is size with early maturity. The pigs he has shown at the big shows have been unequalled in size for age. One of his foundation sows was the great show sow Gold Nugget, the dam of the sensational litter than won sweepstakes, all breeds in competition, Kansas State Fair, Hutchinson, 1906. This litter has seldom if ever been equalled for size and smoothness. The young herd shown last year by Mr. Nash, consisting of one boar and three sows, were out of a daughter of Gold Nugget. This herd, which was headed by Buster, a boar of extraordinary size, was undefeated in the strongest competition out in 1911, at Topeka and Hutchinson, also Oklahoma City. The herd boars are Progressive Duke, a winner everywhere shown; Buster, the junior champion of the state fairs; and Legal Again, a boar of exceptional quality and finish. The Berkshires bred by C. G. Nash have the size, bone, constitutional vigor and fleshing qualities to make good on the farm as well as the type, quality and finish to win in the show yard.

Meadow Brook Berkshires.

Attention is directed to the advertisement in this paper of Meadow Brook Berkshires owned by E. D. King, Burlington, Kan. This is not only the largest herd of registered Berkshires but it comprises a great number of individuals of superior quality. Visitors at Meadow Brook Farm are surprised and captivated by the large number of high class brood sows and litters of pigs on every hand. Mr. King keeps 200 to 300 sows of breeding age, and they represent the best families of Berkshires. Two of his foundation sows were Lady Lee 93d (one of the greatest producing daughters of Lord Premier) and Silver Tips 87th (one of the best brood sows sired by Black Robinhood). Boars of superior size and quality are kept in service in this herd. Among the notable sires used by Mr. King have been imported Lord Durham, a boar of exceptional size and smoothness; Pacific Lee, that proved a sire of high merit; and King's Masterpiece, one of the very best sows of outstanding excellence are now in the herd. Prominent among the boars in use are King's 2d Masterpiece and King's 10th Masterpiece. The former was sired by King's Masterpiece, and his dam is Lee Masterpiece by the noted show boar Lord Lee and from Handsome Duchess 3d by Masterpiece, representing the noted Handsome Duchess' family. King's 10th Masterpiece is from an own daughter of Masterpiece and sired by Forest Count, a line bred Black Robinhood. True Type is a boar of great scale, got by Lord Lee and out of the great sow Lady Lee 93d.



COL. RAY PAGE.

The above is a good likeness of Col. Ray Page, Friend, Neb., who is one of the best known and most successful livestock auctioneers in Nebraska. Col. Page is thoroughly posted along the lines that pertain to the fine stock business and has both the energy and ability that it takes to successfully conduct fine stock sales. For a number of years he was fieldman for the Pierce publications in Nebraska and the training he got and the acquaintances he made during that time have proven a big help in putting him to the front as one of the recognized livestock auctioneers in the West. On the block he is active but always fair and courteous to both the buyer and the seller. He is becoming well and favorably known in northern Kansas where he has made some successful sales. The top sale of the season in north central Kansas was made by Col. Page for Ward Bros. of Republic, Kan. He has already booked a number of sales in that section of the state and would be pleased to hear from you about your coming sale. Address Col. Ray Page, Friend, Neb.

BERKSHIRES.

Jewell County Berkshires Fall gilts and yearling sows for sale, bred or open. C. W. ELYEA, JEWELL CITY, KANS.

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. CRIST, -:- OSAWKIE, KANSAS

WILDWOOD FARM BERKSHIRES

Headed by **SIR MASTERPIECE 2D AND WILDWOOD REVELATION 125617.**

Pigs, March and April farrow, priced very reasonably. Get in your order early for choice pairs and trios. Choice gilts will be bred to Sir Masterpiece. Only the best shipped on order and all representations guaranteed. Address
O. L. STEANSON, TROY, 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.

POLAND CHINAS.

W.E. Epley's Polands
Some good October boars for sale. Strictly big type.
W. E. EPLEY, DILLER, NEBRASKA

Welch's Big Type Polands Large, growthy, good boned, stretchy young boars and gilts. A great bargain, also, in our herd boar by Progression. Write for particulars.
L. H. WELCH, GARFIELD, KANSAS.

Fall and Spring Boars

I have 7 spring yearling boars and 5 Sept. fall boars for sale. Big, smooth boars of big type breeding. Priced right. A. L. Albright, Waterville, Kas.

HALF TON BOAR FOR SALE GIANT MONARCH
Also a few tried sows bred to this great boar. W. C. MILLIGAN, Clay Center, Kan.

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.

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. KLINE, - Zeandale, Kansas.

THE HOME OF CAPTAIN HUTCH.
I am now booking orders for Spring Pigs, either sex, sired by Captain Hutch, King Hadley 2d, Hutch Jr., Mow's Longfellow Price, Panoramble and A Wonder out of Long King's Equal sows and sows of the best big type breeding and 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.

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

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, Owar, 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

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.
Berryton Duke Jr.

POLAND CHINAS.

Expansion Too 59484
is the sire of my March gilts and boars. He is a fine bred Expansion hog, being sired by Expansion Over and out of Pan's Perfection, by Pan Jr. His pigs from sows by Cowles's Tecumseh, Pawnee Price and Blain's Last Hadley are big type individually and in breeding. Low prices on gilts to buyers of several during July. Growthy boars for sale.
F. S. COWLES, R. R. No. 2, Lawrence, Kan.

Dean's Mastodon Polands
Poland China hogs, the big-boned type, will weigh when mature, 800 to 1,000 lbs. Bred sows all sold. Will sell a few boars of serviceable age, also choice fall pigs, either sex. All
Immunized by Double Treatment
Herd headed by Mastodon Price, Columbia Wonder and Gritter's Longfellow 3d. Everything 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. BAUER, ELMO, KANSAS.

BIG BARGAINS IN REAL ESTATE

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

SNAP—Section, level wheat land at \$10.00, terms. Box 413, Hill City, Kansas. Owner.

160 A.—80 a. cult. val. land, bal. grass. Good new, well painted house, barn, outbldgs. \$30 a. J. W. Sturgeon, Eureka, Kan.

240 ACRE creek bottom farm, fine alfalfa land, highly improved, near town; \$55 per acre. Write for list. T. B. Godsey, Emporia, Kan.

FOR BARGAINS in Marshall and Washington Cos., Kansas, land or any other county you want it, write **PRALLE BROS. REALTY CO.**, Bremen, Kan.

1,600 ACRES in one body, fenced, well watered, well located, all grass, 40 per cent smooth, in Morris Co., very easy terms. \$22.50 per a. Mott & Kohler, Herington, Kan.

FORD AND HODGEMAN Co., Kansas, wheat land making 15 to 30 bushel wheat to the acre. Black loam soil, 65 to 90 per cent level as a floor; from \$17.50 to \$35 per acre. Write or wire me to see the land. You will sure buy. W. A. STURGEON, Hutchinson, Kan.

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.

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.

90 A. 3 1/2 mi. from Ottawa; 7 r. house; small barn; hay loft; other outbuildings; 2 never failing wells; 25 a. bluegrass; 15 a. clover; 3 a. timber; remainder all in corn; 60 a. alfalfa land; price \$65 acre. Can buy with small payment down. **MANSFIELD**, Ottawa, Kansas.

A TRUE BARGAIN, only 2 1/2 mi. out. 160 acres of fine farm land, 100 acres in cultivation, 20 a. in meadow, 40 a. fine pasture. Fine house and barn. Hay barn with cattle sheds attached. Cattle sheds 28x80 ft. All kinds fruit, fine well and windmill, free gas for light and fuel. Price \$65 per acre. D. C. DAVIS, Independence, Kan.

GREENWOOD COUNTY BARGAINS. Alfalfa, corn and bluestem grass lands at close prices. Address **TALBOT INVESTMENT CO.**, Eureka, Kansas.

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.

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.

A SNAP MUST GO. 160 a. near Hutchinson, first class corn, wheat and alfalfa land; well impr., good orchard. Estate must sell at once. Price \$12,500. B. M. Murphy & Co., Hutchinson, Ks.

CHASE COUNTY RANCH. 1,460 acres, 150 acres under cultivation creek bottom, well improved; well watered, springs, wells and creek; 7 miles of town. Price \$23.50 per acre. Other farms. **KLOTZ & HOEL**, Cottonwood Falls, Kan.

BARGAIN—160 ACRES, WELL IMPROVED. 2 1/2 miles from town, good soil, all nice smooth, level land, all fenced, 40 acres pasture, balance in cultivation. Price \$7,000. Address **GILE & BONSALE**, South Haven, Sumner county, Kansas.

BUTLER COUNTY, KANSAS, 160 A. New buildings, 80 acres in cultivation, balance grass, good alfalfa land. \$6,000, terms. **BEATTY REALTY CO.**, Wichita, Kan.

BARGAIN. 160 acres, good land, 3 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.

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.

An Ideal Ranch

1,120 acres, 7 miles from Goodland, the county seat of Sherman county Kansas; Two (2) good frame houses, splendid barn 42x40 feet, large cattle shed, two chicken houses, splendid well of water equipped with good wind mill; 200 acres in cultivation; 640 acres fenced with two wires; soil is a deep loam, suitable to all crops native to this zone. Every acre of this farm is smooth tillable soil; "no rough land"; shallow to water; irrigation can be established cheaply from the underflow.

This is certainly one of the most ideal farms in western Kansas. Owners are old and wish to retire. Price, for immediate sale only, \$15.00 per acre. Goodland is a thriving town of about 2,500 people, a division point on the Rock Island Ry., has fine schools and churches, where all of the environments of any eastern town are enjoyed.

E. W. SULLIVAN,
Box 777. Goodland, Kans.

CHEAP KANSAS AND OKLAHOMA FARMS
1,440 a. improved, Okla., price \$30, all on time. Howard, The Land Man, Wichita, Kan.

CATHOLIC FARMERS.
I have some of the best improved farms, near Scipio (in Catholic settlement), Anderson Co., Kansas, for sale at the owners' prices. Cash sales a specialty. Free lists. Address **W. L. MORRIS**, Owner's Agency, Garnett, Kan.

1,440 A. FINE ALFALFA FARM IN LOGAN COUNTY, KANSAS.
Good improvements, 20 ft. to soft water, creek, timber, etc. Sell part or all. A bargain. Easy terms, some trade. Address **Owner**, Box 162, Bloomington, Ill.

150 ACRE FARM \$12 PER ACRE.
150 acre farm southeast from Coffeyville, Kansas, six miles from good R. R. town, all in native grass, 80 acres subject to cultivation, black limestone soil, in the oil and gas belt, lease pays \$75.00 yearly royalty and 1/4 of all oil. Price \$12.00 per acre, \$600 cash, bal. 3 years' time. **ETCHEN BROTHERS**, Coffeyville, Kan.

HASKELL COUNTY LANDS.
25—Quarter Sections—25.
Located right along the line of our new railroad which is being built southwest from Dodge City, Kan., at the rate of a mile and a half per day. Some of these lands join the town sites of Sublette and Satanta. Prices \$12.50 to \$25.00 per acre. Good terms. Write me for particulars. Delays are dangerous. Do it NOW. **FRANK MCCOY**, Santa Fe, Kan.

EASTERN KANSAS BARGAINS.
Improved stock and grain farms; \$30 to \$65 per acre; write for list free. **J. E. CALVERT**, Garnett, 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.

LINN COUNTY FARMS.
Biggest bargains in Kansas. Corn, wheat, timothy, clover, bluegrass land \$15 to \$80. Coal, wood, gas, abundance good water. Fruit and everything that goes to make life pleasant. Large illustrated folder free. **EBY BROTHERS & CADY**, Pleasanton, Kan.

BUY NOW.
Fine level wheat lands in Meade Co., 2 to 10 miles of town, at \$12 to \$17 per acre. Easy payments. 80 to 640 acre tracts. Some good bargains in small ranches near town. **MARRS & DAY**, Meade, 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.

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.

\$40 PER ACRE

buys an improved 160 acres Montgomery county fine alfalfa land—nicely located—close by market. Write for free list of best bargains in S. E. Kansas. **FOSTER BROS.**, Independence, Kan.

Sedgwick County Farm Bargains

320 a. farm; best alfalfa, corn or wheat land; lays level; shallow to soft water; improved; \$65.00 per acre, half cash. 160 a. well improved; all hog fenced; \$50 per acre, half cash. 80 a. farm, valley land; good house, barn; 20 acres alfalfa; \$80 per a., terms. 160 a. alfalfa land improved; one mile R. R. station and fine Catholic church; \$80 per a., terms. 1,360 a. ranch improved. Living water; \$22.50 per acre. H. E. OSBURN, 227 East Douglas, Wichita, Kan.

160 Acres S. E. Kansas \$6.00

Choice tract, two miles from good town. 100 acres broke, 25 acres mow, 25 acres pasture, 10 acres timber on creek. Small improvements. Will make you a good home. 1/2 cash. Write owner, **GEO. N. UPHAM**, Coffeyville, Kan.

Cattle Ranches

560 acres Greenwood Co., \$16.50 per a. 980 acres Greenwood Co., \$16.00 per a. 12,000 acres Mule creek bottom, Comanche Co., 10 per a. 3,000 acres, smooth, Comanche Co., \$10.00; terms on one-half. We have other bargains in ranches. **The Leach Realty Co.**, Wichita, Kan.

GOOD FARM for SALE

200 acres, 2 1/2 mi. from Iola, pop. 8,000, 1 mi. from Gas City, pop. 1,000, 1/2 mile from rock road to each town, 1/2 mile to electric railroad connecting Iola, Gas and La Harpe; 100 acres creek bottom land, 150 acres cultivation, balance pasture, 12 acres in alfalfa, will sow 28 more this fall, plowing ground now; 10 acres in timothy; new orchard 100 trees, good 5 room house, fair stable, will build fine 6 room house, nice large barn and build silo. All newly fenced with hedge posts and wire, bark peeled off, posts painted. Will light house and barn with electricity. This is one of the finest farms in Allen county, but no snap—am asking all I think it worth. Will pay expenses if not as represented or in case deal is made. Price \$85.00 per acre; terms on part. Owned by **H. HOBART**, Iola, Kansas.

OKLAHOMA.

BEST FARMS in Oklahoma \$20 to \$50 per a. Write **C. A. West**, Miami, Okla.

EASTERN Oklahoma Indian lands. List free. Write **F. S. Ashleman**, Nowata, Okla.

160 A. 4 mi. county seat, good improvements, 100 a. in cult., splendid water, price \$7,500. You can buy this place by paying \$1,000 cash and \$500 a year. **J. H. FUSS**, Medford, Okla.

OKLA. BARGAIN. Smooth, well imp. S. W. Oklahoma farm, 160 a., for sale short time at \$4,800. Terms. This is under the market, crops good, values going up. Deal direct with owner, **H. W. Bigham**, Tulsa, Ok.

140 ACRES 3 miles R. R. town this county. Bottom and second bottom, every 1/4 acre tillable. No rock or overflow, 130 acres in cultivation. 4 room house, orchard, corn make 50 bu. \$30 per acre. All crops good here. Write us. **SOUTHERN REALTY CO.**, McAlester, Okla.

UNITED STATES AUCTION
Sale of Choctaw and Chickasaw Indian lands in Eastern Oklahoma, will be held this fall. Write us for information. **Crowder Trust Company**, Crowder, Okla.

FOR IMPROVED FARMS
in the garden spot of Oklahoma, write **JOE CAKE**, Hunter, Okla.

FOR BEST FARM LANDS
in Payne and adjoining counties, \$20 to \$50, write **IRA STOUT**, First National Bank, Cushing, Okla. Map and list free.

POCKET MAP OF OKLAHOMA
for five names of persons in... adding to change. Caddo county corn and alfalfa land. **BALDWIN & GIBBS CO.**, Anadarko, Okla.

TERMS TO SUIT.
160 a. 7 miles of Medford, 4 1/2 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.

All About Oklahoma
Send for my free book. **PERRY DEFORD**, Oakwood, Okla.

Oklahoma Wants You 500 choice farms for sale. Easy terms. Soil and climate excellent. Write for list. **Roberts Realty Co.**, Nowata, 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.

OKLAHOMA.

Indian Lands for sale, 300 choice farms, N. E. Okla., low prices. Easy terms. Perfect title. **E. T. TETER & CO.**, NOWATA, OKLA.

GET A FARM ON PAYMENTS

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.

Public Auction Sale of Oklahoma State and School Lands

Beginning August 20, 1912, the Commissioners of the Land Office of the State of Oklahoma will sell at the highest bid, on forty (40) years' time at five (5%) interest, 195,293 acres of land in one hundred and sixty (160) acre tracts or less, located in Woods, Harper and Ellis counties. For further information address **JNO. R. WILLIAMS**, Secretary, Oklahoma City, Oklahoma.

MISSOURI.

FINE Howard Co. farms. None better. List free. **C. C. Furr**, Fayette, Mo.

25 **OZARK** bottom farms. List free. Write **J. H. Wright**, Marshfield, Mo.

HEY, THERE! 80 a. 1 1/2 mi. out. Extra well imp. \$50.00 a., worth \$60.00. No trade. **Baker Realty Co.**, Mountain Grove, Mo.

MISSOURI farm lands. No better grain and stock land anywhere. Write for list and prices. **Fulton Real Estate Agcy.**, Fulton, Mo.

CENTRAL MISSOURI FARMS.
Write for list of 100 good grain and bluegrass farms described and priced. **HAMILTON & CRENSHAW**, Box 2, Fulton, 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 4, Fulton, Mo.

FREE: "Homeseekers' Review" BEST LAND Many big bargains. **WEST PLAINS REAL ESTATE CO.**, West Plains, Howell County, 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.)

LOOK HERE!

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.

TEXAS.

FREE ILLUS. literature describing land in the famous Texas mid-coast country. **Smith Diebel Land Co.**, Victoria, Tex.

WRITE FOR FREE literature describing choice lands in the Eagle Lake district. Send your name today. **Fidelity Immigration Co.**, Eagle Lake, Texas.

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 RICHIEY LAND CO.**, 2nd Floor Carter Bldg., Houston, Tex.

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.

An Ideal Farm

640 acres, 600 acres good, black, tillable wheat land, 160 acres cultivation, 85 acres best of black sub-irrigated alfalfa bottom, large stream of water, all fenced and cross fenced, 5 room house, well of fine water, windmill, shed barns for 18 head stock, hog pens, corrals, etc. 5 miles county seat, best county in Texas Panhandle; 1/2 mile railroad irrigated section. Price for quick sale \$25 per acre. Terms. A. S. GILLES, Owner, Box 312, Edmond, Okla.

NEW YORK.

ESTATE MUST BE SETTLED.
Farm of 115 acres, eight room house, basement barn, other outbuildings, two orchards, two horses, two cows, forty sheep, crops, mower, rake, plow, harrow, harness and small tools. Price, \$3,000, \$2,000 cash, balance mortgage. **HALL'S FARM AGENCY**, Elmira, N. Y.

NEBRASKA.

HOMESTEAD—320 acres rich farm land for \$175, filing fees and all. No sand hills. **J. A. Tracey**, Kimball, Neb.

Editorial News Notes.

Forest Park University. Fifty-two years of success in college preparatory work for young women has made the Forest Park University of St. Louis, Mo., famous. The university is located on the edge of Forest Park, one of the most beautiful and famous parks in the country. For studies, tuition and other information write for illustrated catalog. Address Anna S. Cairns, President Forest Park University, St. Louis, Mo. Kindly mention this paper when writing.

Learn Dressmaking.

There is no business in which a young lady can engage that is so pleasant and yet so profitable as the art of dressmaking and tailoring. The Queen City College of dressmaking and tailoring located in St. Joseph, Mo., Mrs. M. O. Girard, principal, presents unusual opportunities to all who wish to learn an up to date sensible, paying business. In order to get a diploma it is absolutely necessary that you attend school and take the complete course. Write Mrs. M. O. Girard, 714 1/2 Francis St., St. Joseph, Mo., for booklet which gives price of tuition and other information. Kindly mention this paper when you write.

Carthage's Great Business College.

The Rude Bros. Business College, formerly known as the Carthage Commercial College, is enjoying remarkable success for the last three years that they have been in college business. Students attend from Missouri, Kansas and Oklahoma. Mr. W. C. Rude informed the writer that he cannot supply the demand for calls for positions; in fact many leave before completing their term. Graduates always make good. Mr. Ben French of Carthage, Mo., wrote the Rude Brothers as follows: "I wish to say that since entering the Carthage Gas Co. office I have found use for almost every course I received in your college and I have also learned that a student who has finished the courses laid out by the Rude Bros. Business College is well prepared to enter any business office and do efficient work at once." The Rude Brothers Business College has 1,000 feet of floor space, modern and up-to-date. Carthage is known as one of the finest cities in the Southwest. Write to W. C. Rude, president, Carthage, Mo., for 44 reasons why you should attend his college. Kindly mention this paper when you write.

The Rec Echo.

With their usual vigor and unusual knack for doing things R. M. Owen & Company have just issued the summer number of the Rec Echo. It is a beautiful 7 by 10 brochure of 48 pages filled with brightly illuminating motoring and bright halftone articles on the scenic grandeur within the four corners of America. Among the articles contributed by writers of national reputation are "The Growth of the Motor Car," "The Automobile as a Solution of the Farm Problem," "The Ideal Motor Truck and Its Place in the Commercial World Today," all of which bristle with interest throughout and must needs prove invaluable to the farmer and business man who are seeking the latest and most reliable information on pleasure and commercial motor vehicles. Wit, humor, science and patriotism also come in for their just share in the rare exhibit. A limited number of these handsome brochures is being mailed free by R. M. Owen & Company, 1759 Broadway, New York, to readers of Farmers Mail and Breeze if the request be mailed promptly, stating you saw the offer in this paper.

Baled Hay Selling at Skyscraper Prices.

An investigation of market conditions in leading cities reveals the fact that there is a tremendous demand for baled hay. And the prices paid in the cities are far above the selling price of loose hay in small cities and towns. Our readers should take advantage of this condition by baling and selling their surplus hay. Don't think because loose hay commands only a fair price in your home town that it's the same other places. You may live in a district which happens to produce a big hay crop this year. That makes hay cheap in your local market. But it doesn't affect the big city demand for baled hay, because there may be hundreds of places where the hay crop was a failure. Hence city prices are always high. If you have a neighbor who owns a good baling outfit, make a deal with him to bale your hay. If there is no baling outfit near by, get in the hay-baling business yourself. An A-1 baling outfit costs a few hundred dollars, but it's a fine investment. For a hustler can easily make \$150 to \$300 a month, clear profit. There's a hay press on the market now that's truly a wonder. It is made entirely of steel and the power is furnished by a gas engine. The engine sets on the same platform as press. Some of our readers claim they can turn out a bale a minute with this marvelous machine. You may have seen the machine. It's called the Sandwich All-Steel Motor Press. It certainly makes the ordinary horse driven press look cheap. And it really is a remarkably low-priced press when one considers that it includes either a 5, 7 or 9 h. p. hopper cooled gas engine of the latest type. Address Sandwich Mfg. Co., 154 Main St., for catalog. See ad on page 7.

ARKANSANS.

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.

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.

Arkansas Farms

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.

COLORADO.

BEAUTIFUL Irr. farms, fruit, sugar beets, grain, alfalfa. Ordway Land Co., Ordway, Col. 320 A. homestead relinquishments, a few choice ones, fine land, last chance. Write us. National Inv. Ass'n, Akron, Colo.

450 ACRES. BARGAIN. \$65 PER ACRE. North of Denver, close to railway. Improved, cultivated, fenced, irrigated, free water right. L. A. COBB, 242 Century Bldg., Denver, Colo.

CATTLE AND HORSES.

150 head fine cattle and calves; 14 head fine, well bred horses; some will weigh 1,700 lbs. All farm machinery and the best bargain you ever saw in a 900 acre irrigated ranch with abundance of water, 3 mi. from R. R. on the Western Slope in Colorado. The best bargain in the country. Ranch and stock can be bought at one-half what they are worth. Write for particulars. I have irrigated ranches which have yielded more than 20 per cent annually for the past seven years on the price asked for them. CARL M. COOK, Limon, Colo.

320 ACRE HOMESTEAD

for 3 years' residence with annual leave of absence of 5 mo. granted. Relinquishments and choice deeded tracts for sale cheap. 24 years' residence. Write for folder, and copy of the new homestead law. THE WESTERN REALTY CO., Eads, Colo.

A FEW SNAPS FOR CASH.

Excellent alfalfa farm, one-fourth seeded, near shipping point, \$35 per acre. 120 acres alfalfa and potato land, under good ditch, \$25 per acre. Cattle ranch, will keep 500 cattle, \$10,000.00. Several one thousand to ten thousand acre ranches. Many small farms. Write us. SHIELDS-BEGGS LAND CO., Fort Morgan, Colo.

COLORADO.

CHEAP LAND and homestead relinquishments in Kiowa Co., Colo. Government only requires 3 yrs. residence now with 5 mo. yearly absence. Deed land \$6 to \$25 per a. Write for full information. Chas. M. Stark, Eads, Colo.

284 A. COLO. LAND CHEAP.

124 a. clear deed, 100 of it fine valley. \$10 an acre. 160 a. homestead adjoining same class, prove up in 3 years, \$500; 5 mi. R. R. town, together or separate. Best dairy land in E. Colorado. Half cash, bal. secured. E. L. PALMER, Laird, Colo.

HIGHVIEW PARK.

We have five acre tracts up to any number of acres you want; of irrigated land, so close to Denver that you can reach the city limits in a few moments' time and sell direct to the consumers. Every acre has a No. 1 water right under the Castlewood Reservoir. There is plenty of water in storage and you can have the moisture just when you need it and as much as you need. This land is splendid for orchard, general farming, truck gardening, poultry raising, and dairying. Price \$75 to \$125 per acre. Five to seven years' time on deferred payments. You can pay monthly, quarterly, semi-annually, or annually. Now is the time to see this land. Railroad rates from most of eastern Kansas points for the round trip to Denver, \$17.50. Write us today for further information. Denver Suburban Homes and Water Company, Denver, Colorado. James Butler, Eastern Representative, 1236 Fillmore St., Topeka, Kansas.

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.

Florida Lands For General Farming

We have 10,000 acres of the best farm land in Central Florida for sale in tracts of 40 acres to 640 acres. Land nearly level, good drainage, splendidly adapted for raising vegetables, grain, livestock and citrus fruit. When the purchasers of Florida land get away from the 5 and 10 acre idea and buy lands and farm them as they do in the West the results will be far beyond those realized by western farmers. Prices \$25 per acre to \$40 per acre. Terms very easy. Address

Howard-Packard Land Co., Sanford, Fla.

FOR SALE OR EXCHANGE

LIST your trades with Cassoday Realty Co., Cassoday, Butler Co., Kan.

GROCERIES and merchandise for farm. Other trades. F. Gass, Joplin, Mo.

I SELL or trade land or goods. Describe wants. F. H. Brown, Mound Valley, Kan.

BUY OR TRADE WITH US—Exchange book free. Berste Agency, Eldorado, Kan.

WRITE FOR LISTS, sale or exchange. The Eastern Kan. Land Co., Quenemo, Kan.

TEXAS LANDS and properties for ex. Ask for trade bulletin. Deering & Neel, Houston, Tex.

160 A. improved, in Anderson county, Kansas, to trade for livery 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.

TO BUY or trade for wheat or alfalfa land at the lowest prices, write or see Hogan & Keplinger, Dodge City, Kan.

STATE UNIVERSITY. Buy house in Lawrence, Kan., while schooling your children. Large list, sale or ex. Fugate Land Co.

CAN GET YOU CASH for your property or an exchange no matter where located. Great Western Realty Co., Gallatin, Mo.

FARMS AND MERCHANDISE for sale or exchange. We match deals any size, any place. United Land Co., Wichita, Kan.

IF YOU WANT to buy or exchange for southern Kansas land, write or see the Co-Operative Realty Co., Conway Springs, Kan.

WANT FARMS, residence, stocks listed for exchange. I can help you. Ask for listing blank. A. W. Bremyer, McPherson, Kan.

FOR SALE OR EXCHANGE—Good wheat and corn lands. Describe and price your proposition. Jess. Kisner, Garden City, Kan.

FOR SALE OR EXCHANGE—Irrigated or unirrigated eastern Colorado lands at reasonable prices. Andrew Townsley, Holly, Colo.

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.

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.

WANT TO LIST your good trades? We can match them. Tell us what you have to trade and what you want. Write for our ex. list. BUXTON BROS., Utica, Kan.

WANTED; a good hotel. Have feed yard and mill in a splendid city in central Kansas, to exchange for a good hotel. Write for particulars. J. M. MASON, Columbus, Kan.

FOR EXCHANGE—31 improved farms in Howell Co., Mo., all sizes. Write OAKS, Box 131, West Plains, Mo.

FOR FARM LANDS AND EXCHANGES of all kinds address John Capper, Real Estate Agent, Lyndon, Kan.

FOR A QUICK SALE or exchange of real estate, address FRED J. HALL, Eldorado, Kan.

COLORADO.

Avoid Drouth and Floods

Constant sunshine, abundant water supply, fertile soil, in the Pueblo Irrigation District, which adjoins Pueblo. Land at present, \$30 per acre, on easy terms. Low cost of water, payable during twenty years, commencing year after delivery. This insures a good crop before any payment on water is due. Investigate now before prices advance. Write for circular and maps. COBURN & MCCLINTOCK, Box 197, Pueblo, Colo.

NEW MEXICO.

FOR SALE—Our entire real estate business, paying over \$5,000 per annum and owning towns of prospective county seat on railroad; an excellent opportunity; or will sell managing interest. Write MOSQUERO LAND CO., Mosquero, N. M.

FREE HOMESTEADS IN MOUNTAIN BAIN belt; rich, level land; shallow water; plenty of timber; near railroad town; the last chance of the homesteader; send quarter for full information. MOSQUERO LAND CO., Desk D, Mosquero, N. M.

ARKANSANS.

LARGE LIST of N. W. Arkansas farms for sale. Write A. L. Trent, Fayetteville, Ark.

CLIMATE, water, soil, none better. Write for Homeseekers' Guide. 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, Boonville, Ark.

80 ACRES improved close to Bentonville. Price \$8,000, worth \$10,000. Easy terms. Write J. W. Grant, Bentonville, Ark.

BENTON CO., greatest fruit growing Co. on earth. 40 to 160 a. tracts. Write for list. C. R. Craig & Co., Bentonville, Ark.

80 ACRES improved, 50 fruit, bal. timber, near Rogers. Price \$1,600 for quick sale. Write E. W. Dawkins & Son, Rogers, 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.

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.

SEND 50 CENTS and get "Foot-prints from the City to the Farm in Arkansas." It is worth its weight in gold to the city man who is looking for a home in the country. G. M. N. PARKER, Rogers, Ark.

120 A. improved valley farm; 65 cult.; bal. timbered; all tillable; 2 a. bearing orchard; on public road; mail and telephone route; well and spring water; healthy; \$2,000. Terms easy. ROBERT SESSIONS, Winthrop, Ark.

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.

DOLLARS don't grow on trees but they do grow when put in the cheap lands I have for sale. Any size improved or unimproved. Will ship several hundred cars alfalfa. Fruit and truck in July. Terms easy. L. B. ROBERTS, Blevins, Ark.

318 ACRES, 280 being very rich black river bottom land, 165 is in cultivation. 17 acres upland. 100 bottom land practically cleared, has heavy growth cane. 4 tenant houses, barns, other outbuildings. One large barn 48x80 and a rent barn with wagon scales, shed, cribs, etc. This is undoubtedly one of the best tracts of land on Black river, 5 miles below Black Rock. \$37.50 per acre. For full particulars write J. L. McKAMEY, Imboden, Lawrence Co., Ark.

ARKANSANS 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.

FARM AND FRUIT LANDS in southwest Ark., ideal climate, abundant rainfall, bountiful crops; good homes and money-making investments. Lands \$1.50 to \$20 per a. LIST FREE. W. J. BARTON, (57 yrs. residence), Cove, Ark. (On K. C. S. Ry.)

IF YOU WANT TO BUY ARKANSANS LAND Write S. C. Dowell, Walnut Ridge, Ark. Finest farming, timbered and rice lands in the state at lowest prices. No trades.

FAMOUS SPRINGDALE FRUIT DISTRICT. 80 a. close in, fine improvements; 30 a. bearing apples, bal. fine corn. Non-resident owner needs cash, will sacrifice and throw in apple crop. Best bargain we have. Send for list. FREDRICKS REALTY COMPANY, Springdale, Washington Co., Ark.

BEAUTIFUL OZARKS OF ARKANSANS. Flowing springs, fertile valleys. Fruit, grain, timber lands for sale. Easy terms. J. C. MITCHELL, Fayetteville, Ark.

A FARM FOR YOU IN ARKANSANS. 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.

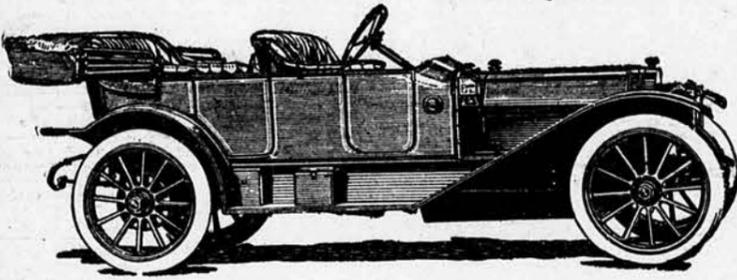
240 Acres of Irrigated Land

close to Alamosa, Colorado. Will soon be in the city limits. Price \$100 an acre. Also \$2,000 worth of city lots in Oklahoma City. Will take gen'l mdse. or hardware store, not exceeding \$20,000 to \$24,000. STEVENS & RUBY, Stockton, Kan.

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-Forssee 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.

Mitchell



YOU PROBABLY know pretty nearly what you expect of the automobile you're going to buy; that's why you'll find it profitable to investigate the Mitchell before you make your choice. Here's a car with so many good strong points, giving such full automobile value for every dollar it costs that it's sure to satisfy you.

The material and workmanship in Mitchell cars is of the best the markets offer; they're powerful, comfortable and attractive in appearance.

The Mitchell 6-cylinder, 48 horse-power car, with its 125-inch wheel base and 36-inch wheels, costing \$1750, is our idea of full automobile value.

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

- The Mitchell 60 H.-P., 6 cyl., 7 passengers.....\$2250
- The Mitchell 48 H.-P., 6 cyl., 5 passengers.....\$1750
- The Mitchell 35 H.-P., 4 cyl., 5 passengers.....\$1350
- The Mitchell 30 H.-P., 4 cyl., 4 passengers.....\$1150
- The Mitchell 30 H.-P., 4 cylinder, 2 passenger Runabout, without top.....\$ 950

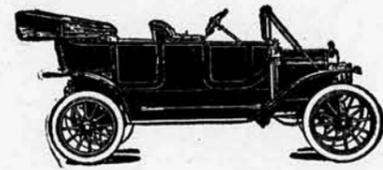
Mitchell-Lewis Motor Company

Racine, Wisconsin

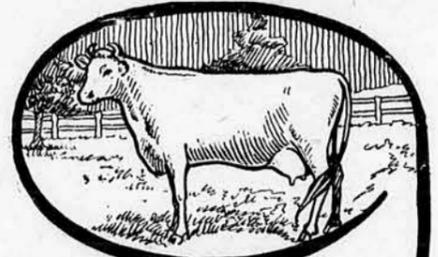
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Up—up—up has gone the cost of living for the horse. And down—down—down has come the price of the easily-operated and economical Ford, to a point where no farmer can afford to keep a horse for road travel only.



More than 75,000 new Fords into service this season—proof that they must be right. Three passenger Roadster \$590—five passenger touring car \$690—delivery car \$700—f. o. b. Detroit with all equipment. Catalogue No. 321-A—and name of nearest representative—from Ford Motor Company, Detroit.



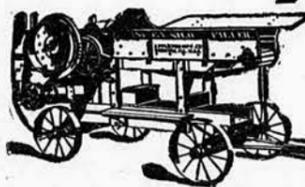
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This is the Elburn H-2
The Best Piano Value Ever Known for Only . . . \$225
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Stover, Mo., March 23, 1912.
Gentlemen—The Elburn received, today. I wish to thank you for extraordinary treatment.
The piano far exceeds my expectations. This is the second piano I have purchased from the Jenkins Music Co., and I am extra well pleased.
Wishing you success, I am,
(Signed) LUTHER W. TAYLOR.

gratulated us on being able to sell such a piano for so little.
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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

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