

# THE FARMERS MAIL AND BREEZE

Volume 42

December 21, 1912

Number 41

## A CHRISTMAS CAROL

**C**HRIST used to be like you and me,  
When just a lad in Galilee,—  
So when we pray, on Christmas Day,  
He favors first the prayers we say:  
Then waste no tear, but pray with cheer,  
This gladdest day of all the year:

**O** BROTHER MINE of birth Divine,  
Upon this natal day of Thine  
Bear with our stress of happiness  
Nor count our reverence the less  
Because with glee and jubilee  
Our hearts go singing up to Thee.

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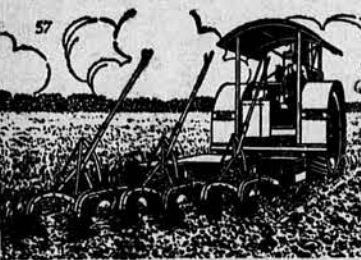
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## Capper's Course Approved

Interesting Comments of Kansas Editors on His Statement and the Ballot Mixup

From the Atchison Champion.

The thousands of Kansas voters who cast their ballots for Arthur Capper will feel a keen sense of personal pride when they read his statement today and understand more fully than before the broadmindedness of the man they wanted to elect governor. In deciding not to contest the election of his opponent, Mr. Capper takes the viewpoint of the good citizen rather than that of a political candidate. Although he sincerely believes that he honestly was elected governor, he places the welfare of Kansas and its people above his personal ambition—and it was a life-long ambition, too—and refuses to involve state affairs in a sorry tangle of indefinite tenure.

With a Democratic legislature Mr. Hodges will have an ideal opportunity to serve the people of Kansas, he says. The sincere expression of such broad wholesome patriotism should make every good citizen of the state proud of Arthur Capper. Defeat has made of him a bigger, better, braver champion of the cause of human government. He has established a precedent which must be honored and respected by all Kansans, regardless of political faith. He has proven himself to be a first class fighting man who at the same time is a thorough gentleman. Arthur Capper's usefulness as a worthy progressive Kansan has only begun to make itself felt.

Could Now Be Elected 2 to 1.

From the Ottawa Herald.

In another place in this paper appears the statement of Arthur Capper explaining his decision not to contest the election of Hodges as governor. The statement is a sensible one, and it shows Mr. Capper to be the sort of man Kansas needed when it virtually elected him by a plurality of 3,000 and yet failed to back him up with sound election laws and sound procedure, being compelled to see him actually ousted from an office to which even the Democrats admit he was rightly elected.

Arthur Capper has not only proven himself a good loser, but he has proven himself to be a man in whom Kansas can well place its confidence and who has the highest interests of the state at heart. Instead of going blindly and "bull-headedly" into the contest which would cause much expense and disturbance—and probably fail in the end on account of the Democratic senate having final whack at the question—Mr. Capper allowed his ambition to take a secondary place and resolved to keep working toward better laws in Kansas and better court procedure, allowing the governorship to go by faulty methods to another man.

The case of Mr. Capper proves conclusively the absurdity of some of our Kansas laws and election regulations. That the people wanted him as governor was very evident. More votes were cast for him than for his opponent. Yet he was deprived of the office in spite of the votes and, because the senate happens to be Democratic, he is forced to lie down and see his chances for a fair contest dwindle away.

Mr. Capper has made himself much stronger by his fair and square actions during his campaign and since the election. Were there to be another election now Mr. Capper would be elected two to one, because the people have learned what sort of man he is and they have confidence in his brand of citizenship. Mr. Capper, the Herald predicts, will be one of the greatest factors of good government in Kansas during the next two years—a greater factor even than the governor.

An Object Lesson to Kansas.

From the Salina Journal.

Arthur Capper's statement, announcing his decision not to file a contest for the office of governor, is an indication of the character of the man and the thousands of Kansans who voted for him in the primary and the election are pleased to note that their judgment on him is correct. He has no desire, as a smaller man might have, for a dispute, but in the efforts he has made so far to secure an accurate count he has been prompted by the wish to obtain justice and determine correctly the people's will.

That any further contest that would be heard by a political body is likely to be more or less tinged with partisanship and might lead to unnecessary bitterness is recognized and Mr. Capper has by his action happily eliminated all this.

The closeness of this contest and the uncertainty that prevailed for weeks after in regard to the result have furnished an object lesson to Kansas on the necessity of amending the election laws to make it possible for the real expression of the majority to be registered and to obviate the uncertainty and delay, and Mr. Capper fittingly calls attention to this feature.

The campaign conducted by Mr. Capper was energetic, thorough and clean in every particular; it was of the sort to make the readers of his statement feel the sincerity of this wish with which he concludes it:

"If I have one wish for Kansas and its people more than another, it is that as time goes on they will give more attention instead of less to public matters, and that they will judge men and measures more surely, quickly and truly. We need a live, active, efficient, progressive, patriotic and alert popular government throughout Kansas, and in every other state, and the survival and quickening of that Kansas spirit which has ever set us free. I shall deem it the highest privilege of my life to continue to work, as best I may, to that end, and will encourage and support every measure in the interest of good government, no matter from which political party it comes."

Capper Proved Himself Worthy.

From the Ft. Scott Republican.

Arthur Capper's decision to drop out of the gubernatorial contest and allow Hodges the office on the face of the returns is a very wise and timely action, and will be applauded by the state at large.

Mr. Capper's race this year was a most unfortunate one, or rather political conditions that confronted him after his nomination were most unfortunate.

Capper is a good man, and has worked himself up to a distinguished place in the commonwealth of Kansas, and his time for political preferment is sure to come in the near future.

A Democratic View of the Result.

From the Hutchinson Gazette. (Dem.)

In his statement giving the reasons why he decided not to contest, Mr. Capper takes the sensible view that inasmuch as both branches of the legislature are Democratic, he would be powerless to carry out the pledges of the Republican platform even if he were successful in his fight for the office. It is no doubt somewhat disappointing to lose the prize of the governorship and be defeated by the small majority of 29 votes, but Mr. Capper is a philosopher, and evidently knows how to submit to defeat gracefully. The Republican candidate made a strong campaign, and was possibly the most popular man the Republicans could have nominated. That he succeeded in polling something like 20,000 more votes than Governor Stubbs, even though he was pitted against the strongest man in the Democratic party, proves his popularity, and his ability as a campaigner.

Judges Could Steal Whole Precincts.

From the Leocompton Sun.

While the Sun, all things considered, is pleased that Hodges was given the election certificate as governor, yet the decision of the supreme court in the ballot case lacks justice or sense, and its future tendency will be to make dishonest election judges. Under its terms judges could steal whole precincts by a refusal to count the ballots cast. The Sun would like to see the recall of judicial decisions applied in this case.

Democrats Should Amend the Law.

From the Olathe Independent.

If the election boards had counted all legal ballots cast, Capper would have been elected by at least 3,000 majority. All over the state the ballots marked in the circle at the head of the Republican ticket and then in the square at the

(Continued on Page 23.)

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# THE FARMERS MAIL AND BREEZE

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## NEW LIGHT ON THE MYSTERY OF CORNSTALK DISEASE

It looks as if Kansas investigators have solved the mystery of the dreaded cornstalk disease and that the prussic acid theory and all other well known theories to account for the disease have been disproven. With a germ culture from the brain of a steer that had died of this trouble, Dr. T. P. Haslam has produced a well-marked fatal case of cornstalk disease in a healthy calf off pasture. A preventive vaccine has been developed and is now being used. That a thorough test of this important discovery may be made, the veterinary department of Kansas Agricultural college, at Manhattan, wishes to be notified where the disease has appeared recently and especially of all new cases. The heads of animals dying of the disease also are wanted for the purpose of continuing the experiments and obtaining more material with which to produce the vaccine. Readers of Farmers Mail and Breeze are asked to give the college all the assistance possible.—Editor's Note.

KANSAS loses many cattle in the stalk fields from the so-called cornstalk disease. Doubtless, some die from eating too much dry and indigestible fodder, others from diseases which are not in any way derived from corn stalks. However, many cattle die from symptoms so typical that the term "cornstalk disease," has gradually come to signify a disease in which the cattle show preavilingly nervous symptoms.

The attack is sometimes sudden. Preliminary symptoms come on a few hours before the severe seizure. At first the animals seem sluggish and separate themselves from the remainder of the herd. The next symptom may be a manifestation of viciousness. Animals previously gentle may attack a man or horse. This symptom frequently escapes observation. The walk is very staggering and the animal stands with legs braced apart. In a short time it falls to the ground and lies there trembling violently.

If approached when in this condition the animal frequently takes no notice until one is quite close, then starts suddenly as if much frightened. It is not unusual for it to bawl almost constantly. Finally the animal falls on the ground and draws its body into a peculiar position. Saliva drools from the mouth and bloody feces pass from the rectum. In most cases death occurs within 6 or 8 hours after the violent symptoms are noted, a few live longer.

In those cases which die quickly the contents of the stomach are found to be practically normal. This contradicts the theory that the trouble is caused by loading the stomach with indigestible food. In the cases which live longer the manfolds may be found full of dry food, but this symptom frequently occurs when cattle are sick and their digestive processes disturbed, so it must be regarded as a secondary symptom rather than a cause of the trouble.

In a few instances a germ disease (haemorrhagic septicemia) has been reported among cattle running on corn stalks. As the post-mortem appearances of some cases of cornstalk disease showed many points in common with those of haemorrhagic septicemia, a search was made for this germ. At first we were unable to cultivate any germ resembling the bacillus which causes haemorrhagic septicemia, but later by the use of certain methods

### Farmers Asked to Co-operate With the College in Testing a Preventive Vaccine

Written For Farmers Mail and Breeze

BY DR. T. P. HASLAM

Veterinary Dept., Kansas Agricultural College

we were able to obtain such cultures from all of the cases sent in. This organism differs in some respects from the bovis septicus germ, although they agree in many characteristics.

After finding the germ of haemorrhagic septicemia in a number of cases, experiments were made to see if the disease could be reproduced in healthy cattle by inoculating them with it. A culture derived from

a case sent in by Dr. H. C. Gale, of Clyde, Kan., was used to inoculate a calf. The calf died within 12 hours. The symptoms were not entirely typical. A post-mortem showed the lesions of haemorrhagic septicemia. The germ was cultivated from the brain of the dead animal and inoculated into another calf. This calf lived for about 56 hours and developed a very good case of the cornstalk disease. The germ from its brain was cultivated again in considerable numbers. It is believed that the reason that the symptoms of the first calf were not typical was that too large a dose was given which produced death from the poison injected and did not give the germs time to develop. It is probable that this germ is the cause of the disease.

This conclusion, however, must be thoroughly tested. In order to do this it will be of great assistance if those who lose cattle from the cornstalk disease will send the heads of the dead animals to us.

The accompanying illustrations show the simplest method of preparing the brain for shipment. In this way the brain is left entirely surrounded by its bony covering and when shipped on ice will reach Manhattan in good condition.

The brain should be removed as soon as possible after the death of the animal because changes take place within a few hours which make it difficult or impossible to ascertain the cause of death. For the same reason it must be packed with plenty of ice although the ice must not touch the brain itself as the water would spoil the specimen. The simplest way is to put the brain into a small tin bucket which has a tight fitting lid. This should then be put into a candy bucket and the bucket filled up with broken ice and sawdust. A small hole should be made close to the bottom of the candy bucket in order to let the water out as the ice melts. The brain should then be sent by express to the Veterinary department of the State Agricultural college, Manhattan. The college will gladly pay the expressage on the brains of cattle dying from cornstalk disease which are shipped in this way.

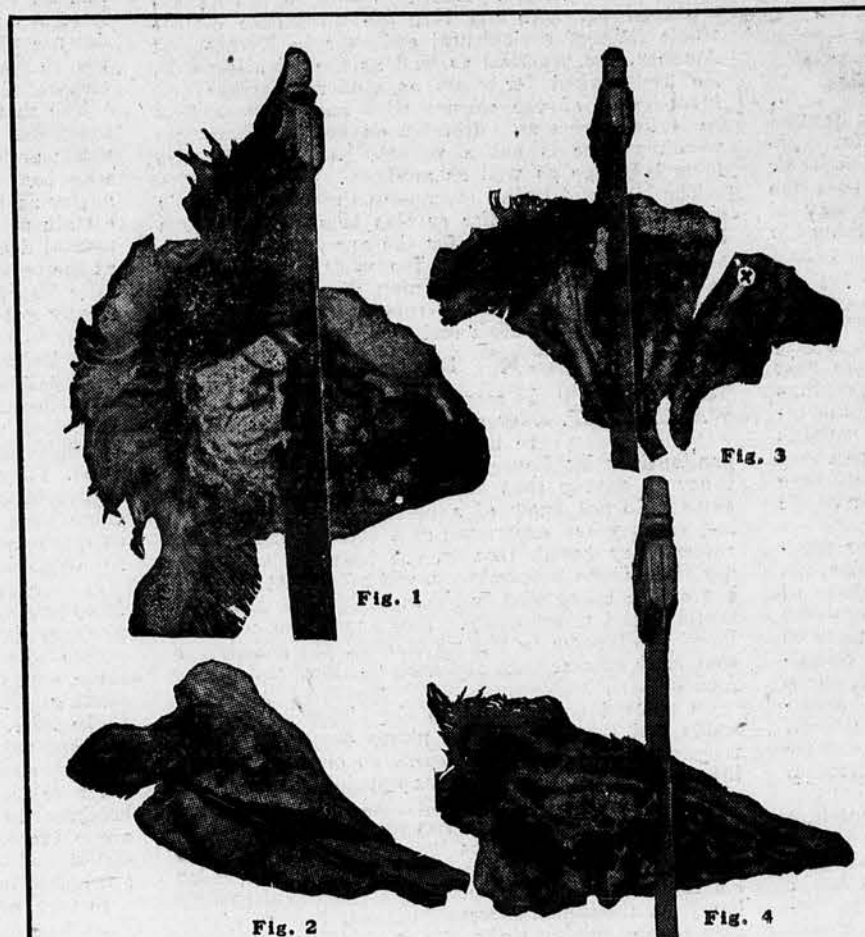
Anyone after reading these directions can properly remove, pack, and ship the brains. Wherever possible we recommend that the local veterinarian be consulted in regard to the work. The veterinarians of Kansas have done much to aid the college in investigating obscure diseases of horses and cattle and their co-operation may be enlisted.

Usually this disease is so acute and death frequently results so quickly that the veterinarian is not called. For this reason we are addressing our appeal to owners of stock as well as to the veterinarians of the state. Most of the veterinarians have cans which have been furnished them by the veterinary department of the college. It is very probable in most cases, where it is impossible for a veterinarian to hold the post mortem, that the owner can unjoint the head and take it to the veterinarian who will then finish the removal of the brain cavity and pack and ship to us.

In addition to this owners of stock can aid the department by sending word of any trouble due to pasturing cattle upon corn stalks. If the disease is prevalent this year the college will try vaccination as a means of preventing it in herds where it has appeared.

Some persons believe that a poisonous weed in the field is the cause of

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### DIRECTIONS FOR REMOVING THE BRAIN

Fig 1 shows the first cut to be made in unjointing the head starting just below the joint of the head (i. e., the bone that surrounds the spinal cord).

Direct the saw as shown in Fig. 2, so that the cut will come about an inch below the eye and saw completely through.

Then take the top of the head, so removed, and placing the cut surface up, remove each side of the head surrounding the brain as follows: Saw from a point just inside of the upper part of the jaw bone as shown by the small X mark in Fig. 3, to the middle of the nose, bearing out slightly near the upper part of the cut. (See Fig. 3) so as to just avoid the bone immediately covering the brain. (See Fig. 4.) This will cut through the horny core or just to the inside of the horn in most cases.

The brain cavity must not be opened as this renders the brain useless.

After removing both sides of the head place cut side down and cut off the remaining part of the nose as shown in Fig. 4, about an inch below the lower end of the brain cavity, which is shown just to the left of the saw. In this way the brain is left entirely surrounded by its bony covering and when shipped on ice will reach Manhattan in good condition.



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

**THE HIGH COST OF LIVING.** The other day I was present when the contracts for supplies for the state charitable institutions were being let. I discovered that the state was able to purchase supplies in the way of clothing, bedding, tableware, food—everything in fact, needed by the institutions, for about half what the ordinary consumer would have to pay for the same grades of goods at retail.

This speaks pretty well for the business management of the state board of charities and it also rather knocks out the statement often made that public management is always more expensive than private management. The truth is that if the ordinary working man were able to get his supplies of food and clothing for himself and family as cheap as the state gets the same articles, he could save just about half his wages and live as well as he does now.

The Socialist will say that this is a strong argument in favor of his theory of a co-operative state. It does seem to be and from the mere standpoint of saving in cost of living it furnishes an argument that is rather hard to answer. However, there is another side to the question that deserves consideration. The state buys in large quantities, saves the cost of the middlemen, and the cost of distribution for the reason that the consumers are all together. They eat in large numbers at the same tables and the cost of distributing to individual houses, and separate homes is eliminated.

But it is not at all certain that the American people would ever consent to live in boarding houses or be content to eat in large numbers at common tables. I cannot say just why it is but I think I have the first individual to find yet who was satisfied to live long at a boarding house. It might be, and probably was, true that he got more of a variety at the boarding house than he would have at his own home. Perhaps it was just as well cooked and he had all he wanted to eat, but yet he was dissatisfied.

Formerly at the United States army posts the soldiers were fed in a common mess hall, at a common table. I have been in the mess hall just before dinner was called. Certainly it looked to me as if the troops were well fed. The table was better supplied by considerable than the table of the ordinary working man, even when he has steady work at what he calls a fair wage. The dinner looked mighty tempting to me. Yet it was found that the soldiers were dissatisfied and I understand the plan of messes, that is, of feeding the soldiers in small groups, has been adopted instead of the old plan of a common dining hall. The food is no better cooked or more abundant than it was before but the soldiers seem to be better satisfied.

Why this objection to the boarding house plan of living exists I do not exactly know. There seems, however, to be an inborn desire on the part of

most Americans to run their own establishments—to buy what they please, where they please, and if it is food have it cooked as they please. It may not be as good as the feed they could get at a boarding house but it seems to taste better.

There is no question of doubt in my mind that co-operative associations could be formed that could buy food, clothing and fuel at wholesale and by so doing cut down the expense of living to the members of the association from 40 to 50 per cent below what it is now. I am not so certain, however, that the members of the associations would be satisfied. People are mighty queer critters.

As I have intimated, the arguments in favor of the co-operative plan seem to be strong and unanswerable. First, there would be the saving in cost of supplies; second, so far as the preparation of the food was concerned, it would be done at a central kitchen supplied with all modern conveniences. A vast amount of kitchen drudgery would be saved the women. It looks as if they ought to be happy over the change, but would they be?

## A SECRETARY FROM KANSAS.

In my opinion western farmers should choose the next secretary of agriculture. He should come from this country's most productive region and he should be a farmers' man. That is, the choice should lie with the farmers and not with the politicians.

The present secretary of agriculture, James Wilson, has announced he will retire at the end of his 16th year of service next March. It is of the greatest importance that a fit and able man be chosen in his place and that he shall come from the prairie states. It is not unlikely that the farmers of Kansas can name the next secretary of agriculture, if they combine early on the man and press his claims vigorously.

It happens that Kansas has a man supremely fit in President Waters of Kansas Agricultural college.

President Waters's comparative youth is in his favor. He is a farmer's son and was born and reared on a Missouri farm. He knows, understands and is in closest touch and sympathy with every kind of farm problem and difficulty, and he is an agricultural progressive of the highest type as well as an aggressive champion of vocational training in schools and colleges. Added to this he has an exceptional personal and intimate knowledge of the whole field of agricultural endeavor in Europe and America, the practical as well as the scientific side. He has worked for years as student, teacher and investigator of the science with such success that he is known as an authority on both sides of the world, yet he is not a pedant, he can speak the farm language as well as anybody.

The Mail and Breeze champions President Waters's claims without prejudice or bias because it believes he is the very best man for the appointment. Kansas can stand the loss if the nation may be the gainer. To have a Kansas man of great ability in the cabinet would be some compensation. What do the readers of the Mail and Breeze think about it?

## THE WARDENSHIP.

It seems to be conceded that Tom Morgan of the Ottawa Republic is to be appointed warden of the penitentiary by Governor Hodges. I have no hesitancy in saying that among the Democrats of the state I do not know of a better selection. He has had seven years' experience as a member first of the reformatory board, that is, the board in charge of the Hutchinson Reformatory, and after that as member of the board that has control of both the penitentiary and reformatory. This experience ought to be of great value to him as warden. In addition to that he is an able man and a fine fellow. I am very fond of him.

On the old theory that to the victor belongs the spoils and that the official plums ought to be distributed among party partisans, no objection that I know of could be made to his appointment.

Nevertheless, I do not think that Warden Coddington ought to be removed. He has made, in my opinion, an ideal warden. He has been of great benefit to the state and to the prisoners who have been under his charge. Under his management the penitentiary has been a business success, but that feature of the case in my opinion sinks into insignificance in comparison with the benefit he has been to the prisoners themselves.

Under his management the penitentiary has become a real reformatory institution and hundreds of convicts have gone out of the place much better men and better fitted to earn a living than when they came into the penitentiary. He has demonstrated that simply because a man has been convicted of a crime does not prove that he is a bad man at heart.

Many a convict has been the victim of circumstances, of bad environment, of lack of proper education and care. It has been the steady purpose of Warden Coddington to build up the characters of these men; to correct their habits; to subject them to kindly discipline; to give them a purpose that is worth while and open the door of hope to them. Those whose education has been entirely neglected have been put in school. Idleness and irresponsibility have, as far as possible, been supplanted with habits of industry and a sense of responsibility.

He has tried to give these men a moral foundation as well as educational and industrial, realizing that no man without a moral foundation can be a

good citizen. In all this he has had a great help in the person of his wife. The outside world hasn't heard a great deal of Mrs. Coddington, but it is my opinion that she is entitled to nearly as much credit for the good work that has been done in the penitentiary as her husband.

In view of these things I think that Warden Coddington ought to be left where he is. I do not think that the state should lose the benefit of his experience now, for certainly he is fitted to do even better work during the next two years than he has done in the past.

The question may be asked me, "Suppose the shoe had been on the other foot. Suppose that the Democrats had had control of the state politically and Tom Morgan had been the warden instead of Mr. Coddington, and had made as good a record as Coddington has made, and then supposing the Republicans had come into power, would you have been in favor of letting Tom hold the job?"

Whether I would have been unselfish enough and public spirited enough to take the same position with political conditions reversed I do not know, but I do know that I ought to have been and I believe that I would have been.

I think that if Tom Morgan were in Coddington's place and had made the record that Coddington has made I would say that regardless of politics he ought to stay there, just as I say that President Waters ought to be kept at the head of the Agricultural college, unless he is tempted to leave it for a cabinet position, entirely regardless of his politics. He was selected by a Republican board and Republican governor because they believed it was for the best interest of the college and the general public that he should be selected. His politics were not considered. This was right and in my opinion the same rule should be adopted in selecting the heads of all our great institutions.

## THE IDLE RICH.

A subscriber sends me a clipping from a San Francisco paper giving an account of a sermon delivered there by Father Vaughn, of London, concerning the evils that threaten society.

The Reverend Father jumps onto the idle rich with both feet. Well, they need it—but judging from past experience, all the sermons that can be preached and all the lambastings that can be given will not have any particular effect on such of the idle rich as deserve the lambasting. There are classes among the rich as well as among people in moderate circumstances and also among the poor.

The man or woman who has money and nothing much else can never be reached by sermons or newspaper articles. That class is always blind and always has been. Human nature has not changed much, so far as I can see or learn, since history began. A certain proportion of the idle rich become moral and mental degenerates. They were so when Rome was at the top of the heap. They went on filled with the false idea that they were the whole cheese until they finally got it where Cale swatted the hen.

The idle rich of France during the reign of Louis XVI had plenty of warnings. There were several good talkers even then who told them where they were heading for, but that cut no ice with them. The fact was they were so degenerate that they couldn't have reformed matters even if they had tried. They were of no earthly account. They finally got what was coming to them, but unfortunately there were a great many people who had to suffer as much as these degenerates, who were not to blame for conditions.

It is always that way, however. If nobody suffered except the ones who deserve it it would be a pleasant old world. There are quite a number of people who deserve to be swept off the earth, but there seems to be no way to get at them without hurting a lot of other people who do not deserve to be hurt. Still I am pleased to know that this eminent priest is going after the idle rich, although my judgment is that they will not care a whoop.

I note also that he is different from most of his brethren in the priesthood in that he does not abuse the Socialists. He says that he is not a Socialist and does not believe in the Socialist cure-all, but is in sympathy with the Socialist.

In view of the fact that at the recent election the Socialists cast nearly 900,000 votes in the United States I apprehend that they will be treated with considerably more consideration than formerly. In addition to the 800,000 or 900,000 who cast their votes for Mr. Debs there are several millions of others who have a lot of Socialistic notions in their heads and at heart are like Father Vaughn, in sympathy with the Socialists.

## CONCERNING TAXATION.

On the vexing question of taxation and tariff Mr. Senn, of Lasita, contributes the following opinion:

After reading the interesting letter of Howard White and the editorial remarks in Farmers Mail and Breeze of November 23, I felt like sending a short letter myself, not in criticism but rather trying to broaden the subject.

I hold that taxes should be paid in proportion to the property a person or corporation owns. Now the consumers pay nearly a billion dollars annually in federal taxes when they go to the store to buy their necessities or luxuries.

The tariff has been the leading question in most campaigns since the Civil war and will undoubtedly remain a bone of contention just as long as the voters can be fooled with it. Now just after an election is a good time to begin to get this con-



stantly recurring tariff question on a sensible basis. It needs much intelligent discussion on new lines. I will not in this letter discuss the question as to whether our manufacturers really need protection to continue in business. Most all of them are doing an increasing export business, and many make enormous profits, which would indicate that they can manufacture goods as cheaply if not more so, than foreign manufacturers.

We farmers have to meet the competition of the world's markets. On the large farms in England, Germany, Austria, Italy and Russia, they use modern farm machinery just as we do, and can hire farm labor much more cheaply than American farmers can, yet we sell our surplus farm products there, and even the price at our home markets is determined by the foreign markets.

So it is evident that the tariff discussion is only a method to throw dust in the eyes of the consumers so they do not see the injustice of paying the tremendous sum of nearly a billion dollars annually, a sum that takes double the amount of the annual wheat crops that farmers can sell, for federal taxes by indirect methods.

Suppose we change the system and put this tax on property the same as our state and local taxes. It will be less than the average taxes in Kansas now are, probably about 1/2 per cent. Then the man who owns a half billion will pay 3 1/2 million dollars. Our generous friend with his 300 million dollars would pay 2 1/2 million dollars; the steel trust about 10 1/2 million dollars; the railroads about 90 million dollars—in short, every million would pay \$7,500.

Does anyone think that this would be unjust? Are the very rich individuals or corporations less able to pay their taxes in proportion to their wealth than the millions who own no property or only a very small amount?

Now do not say that this cannot be done, I admit it will be difficult for it will take a long time to work up a public sentiment. There will be powerful opposition from most of the rich people, but there are some among them that would rather be fair than reap personal advantage from injury to the poor.

I believe that any question of reform that's fair and just can be carried if properly brought before the voters on its merits, but the discussions should be fair and full before nominations are made and party feeling aroused.

I am aware that there are two sides to all questions, and since the Mail and Breeze has been very liberal in giving space to all sides, I hope it will do so on this question, if any feel like defending the present system. I believe a fair discussion would do much good.

Lasita, Kan.

## OPPOSED TO THE SINGLE TAX.

Editor Mail and Breeze—I have just received a letter from the single tax commission asking me to donate money for the single tax propaganda. I most assuredly believe the "single taxers" are people who are a little off balance politically; or in other words, political fanatics.

This idea of "single tax" or "land tax only" originated in the fertile brain of Henry George of New York city. It is a scheme to make those who till the soil bear all the tax burdens of government. It seeks to enslave the farmers of America, and lift from the city dwellers all their personal taxes and saddle them on to the farmer's land.

It is a grand city scheme not only to have the farmers feed and clothe their people, but also to have the power to tax the farmers to their hearts' content; for how can a city have public buildings, schools, parks, etc., without something to tax to buy and maintain these things? It is, or would be, class legislation if ever carried into effect.

The single tax idea reminds me of a story. A Jew was running a large shoe store. This Jew was daily expecting the assessor of taxes, but didn't know him. One day a man with a long and wide book bag happened in at the Jew's shoe store and began to ask about his stock of shoes. The Jew assured him that more than half the shoe boxes on the shelves were empty; that he kept them on the shelves to make his customers believe he had the largest stock of shoes in the city.

The would-be assessor turned out to be the insurance inspector, and told the Jew he would have to cancel the insurance on his stock if half or more of the shoe boxes were empty, when the Jew exclaimed, "Well, I will take it back; I thought you was de assessor! De boxes vas full mit shoes!"

It seems to me the single taxers want to dodge their just burdens of government expenses. There is a much better way to reduce the number of acres of the overlanded class of men than the single tax idea. Have a tax levied on land in an arithmetical progression style making it unprofitable for land speculators to hold large areas of land and by showing small farmers tempting tax exemption on 160 acre holdings, etc.

If the "single taxers" of our cities ever get the power "to tax land only," I am going to move to the city, because most of the taxes will be paid by our farmers, for the reason there is only a small area of land in a small or a large city.

Land tax only would make land very cheap. Thousands would make their living buying, selling and trading personal property, paying no taxes whatever. No taxes on merchants', bankers' or professional men's business will be nice. The rich could have millions invested in city mansions, furniture, etc., and no taxes on these to pay.

How about it, Mr. Hayseed, should I donate?

JAMES D. SHEPHERD.

R. 8, Clay Center, Kan.

## THREE OPINIONS ON SOCIALISM.

Editor Mail and Breeze—In a recent issue of Mail and Breeze you say that if the Socialists abolished private property we would have only communism. The writer is not a Socialist, but has studied some of their principles.

I do not understand that they are trying to abolish private personal property but strike at real estate property. It's the ground they are striking at in both the cities and farm. I do not believe in the entire public ownership of the ground by a long shot either, but I have thought there ought to be some government owned ground to rent for life to those not able to buy ground and U. S. government owned banks to loan money to people to improve their properties and stock them and of course there would have to be a law made with such privileges of borrowing money that where a person so borrowing, making false representations, should be placed in the penitentiary—making the law for just this kind of cases. These loans should be made for from 10 to 20 years' time at 3 per cent interest or 5.

In fact, I think it would be well to abolish corporation banks entirely and in lieu thereof establish the United States bank and that would settle this money question and this private bank

manipulation, and the government having access to all the gold in this way could then issue much more paper currency; as now when its gold reserve for redemption purposes runs low it resorts to bonds to obtain gold for this reserve.

I may be wrong but I think there should be a dollar's worth of silver put into the silver dollar measured by a gold dollar and silver should be used the same as gold for redemption of paper currency.

Regarding the money question the Socialists say they will fix that when they come to it after getting in power and adopt whatever system the majority of the people want.

Of course for the government to get all the gold and silver in its banks it would have to abolish all the corporation banks which might be the best thing to do and then some of the bank wire-pulling with the government would stop as the banks fight everything that is against them regardless of the benefit for the people.

In a city one half of the ground should belong to the city or state for both business and residence and the occupier should get lifetime use and improvements belong to the lessee or tenant unless the government should place the improvements there, which I think to some extent would be well, especially with business buildings and lease them to business firms at a rent to just pay the actual expenses of buildings and up-keep, considering the time it lasts and said buildings should be fire proof. The business man could then sell his goods cheaper, as he usually rents and often at a high price, which he adds to the price of the goods and the buyer has it to pay.

By paying less rent to the government the merchant could, and competition would force him to lessen his price of goods to the consumer.

One of the main things the Socialists are fighting for is public ownership of them but public ownership. They want the men that do the work in them to own them and to limit the number of them and allow just enough to supply the people of the United States and let foreigners take care of themselves. I suppose they want the government to buy them or build and equip them and turn them over to the employer and allow just so many of a kind to operate under strict regulation.

But how are we going to get the money for these things? Oh! There is the rub. But of course these people believe no intrinsic value in money is necessary; just print paper currency in sufficient amounts, and abolish the note part on the currency and the redemption feature of money. They laugh at the redemption of paper currency and say the only redemption is when it is used for purchase. But they will certainly find their mistake some day.

I know many well-to-do farmers who are owners of much land that believe in the government owning all the farm lands as well as the grounds in the cities and leasing to the users for life and only as long as he or she uses them and when he moves away from it he cannot control any longer but must sell his improvements to another user. Are these lands and factories to be acquired by purchase, confiscation or pension or how, is the question.

CHAS. MORRISON.

Wichita, Kan.

And here is another by a very honest gentleman who has done a great deal of thinking on public questions. Under the title, "Is Socialism a Menace?" he writes as follows:

Editor Mail and Breeze—Our government, both state and national, county and township, is already largely socially administered. Fault is scarcely found with the administration of the United States mail. Its service to all the people is highly efficient and economical.

Our army and navy, while not as free from criticism as the United States mail, are also Socialistically managed. The digging of the Panama canal, the improvement of our rivers and harbors, the great irrigating dams are also all Socialistic undertakings. All our public wagon roads, our improvements to build them; all our bridges; public free schools; court houses; poor farms; insane asylums; homes for incorrigible boys and girls; jails and penitentiaries are socially owned and operated.

The Socialist party now extant, wants us to Socialize all our means of production and distribution; abolish rents, interest and profit; destroy competition, thus have a democratic, socially managed government, where those that do not work, shall not eat.

I believe a government wholly Socialized would be a menace, and a step backwards. I would like to see the railroads added to what our government owns and operates socially. This would cut out the secret rebates for big shippers, and discriminations between towns and cities, save the government millions on mail and army transportation, and end the express extortion.

But to have the government own and parcel out the land and homes of our nation I cannot consent. The people of a party, who were the most popular and influential in a wholly Socialized government would get possession of the best homes in cities and towns, also the best farms all over the nation. People of little influence politically, would get little under a government with power over all the means of production and distribution. A man's popularity and influence would determine his home and position—just as it does in the appointment by the president of ambassadors to foreign courts,

or post masters in our largest cities. The most influential and popular men get the highest positions.

Livestock, implements of agriculture, as well as land are means of production. For our government to take away our civil liberty and to become our guardian, thus subjecting our very lives, homes, and liberties to political caprice under a wholly Socialized system, as planned by the Socialist platform, will never carry in this country.

The Socialist party is doing a great work, educating and awakening thought in our country, and all over the world for the end of the war curse and the betterment of mankind. The Socialist power of Germany stays now the emperor's disposition to war.

While I agree with the Socialists in many good things, I cannot consent to become a government's tenant, or hired man, and have my home and job governed by political caprice or whim of a government wholly Socialized and politicized.

JAMES D. SHEPHERD.

R. 8, Clay Center, Kan.

And here is a communication from a Socialist brother who believes that myself and others who do not go all the way with him are honest, but lack understanding. That is a doubtful compliment of course, but I will not fuss over that:

Editor Mail and Breeze—I have read with considerable interest, for 15 years, the editorial pages of the Mail and Breeze and like your Comments, as well as the letters of others.

I have read Mr. Whitney's letter and the reply by Mr. Allyn. I most assuredly agree with Mr. Allyn, when he says that the average laborer is getting only about one-fifth of what he produces by his toil. And that is about all he will ever get under this capitalistic system.

When we go to statistics and find there that the average pay for the skilled and the unskilled laborers is about \$540 per year, and then note the tremendous amount of wealth that this country produces annually in the way of crops, livestock, mining and manufactured products, which the workers have certainly produced; and find it to be about five times that much for each man, woman and child in this country; we must then realize that Mr. Allyn has the amount too small.

Then again, we should remember that over half of the work done in this world is unnecessary, unproductive and ruinous and is even intended to counteract the effective and productive work of a fellowman, merely to keep him from advancing ahead of others.

In an editorial, in the last issue which lies before me now you praise in high terms the governmental work at Panama Canal and even tell how the government could have built the transcontinental railroads, and how it would have been such a great saving to the people, and done too, without the issuance of bonds and the net profits going into the government treasury now instead of into the pockets of a few. It is all good Socialist doctrine and it makes me think that you are one of us.

Then during the recent campaign, you and Arthur Capper and a host of others who seem to be opposed to Socialism, advocated the printing and publishing of the state school text books and the distribution of them to the people at cost, claiming that the state could furnish better books at about half the present price. Even the Democrats had a plank in their platform favoring this idea, which is good Socialist doctrine.

I believe that they were all honest and sincere in their statements and beliefs; but what puzzles me is that they seem to stop right there. I am wondering why they do not advocate and push for a state oil refinery for furnishing all of the products of the oil refinery to the people at cost for exactly the same reasons as for publishing the school books when the same results would be far greater than with the school books. Then to go another step and advocate the building of a big factory for the manufacture of machinery, implements and vehicles for the people at cost and where the saving to the people would be still greater. And then on down the line till every industry was included and everything was made and distributed to the people at cost. Every step would be Socialistic and when the government was making and distributing everything at cost and the labor problem was solved so that each and every one could work and earn whatever they might want for their own private use at any time they felt like it and on the same terms with all the rest of the people, then you would have the ideal condition of the Socialist's dream, which can and will be realized sooner than you think it will.

The Panama Canal used to be a dream, so did the abolition of slavery and American freedom from English rule but they happened sooner than the most optimistic ones dreamed of and many thought that the people would not be able to stand the great change. The new problems were readily solved to meet the new conditions and so will it be when the change to Socialism comes.

I believe that many people are opposed to Socialism merely because they do not understand it and are not as yet interested enough to give it careful study. You know what the state has already done on the school book question, and you who advocate or favor the state going further and actually printing the books and furnishing them to the people at cost, just stop and study out why those principles and reasons which cause you to favor it will not apply to every other industry in the land. Then if you can find no plausible reason against it, just make up your mind that you are a Socialist and will no longer stand in the way of progress and hinder the government, the people, taking over the industries as fast as arrangements can be made to do so.

An old merchant once said to me, "Let the other fellow buy the new kinds of goods and go to the expense of introducing them to the people and when he has them pretty well introduced and in demand, then I will carry them in stock," and he has done this kind of parasitic work rather successfully. A great many people, most of them in the old parties, are very much like this merchant—they are waiting for the Socialists to make their ideas popular and then they will slip that kind of a plank into their platform and reap the rich reward of an election.

I ask everyone who reads this to thoughtfully consider the idea of the state publishing the school books, and if you find yourself in favor of it, to tell me why you are not in favor of a state oil refinery, a state manufacturing plant, and so on down the line. If you can't give a good reason then I would like you to tell me why you are not a Socialist and boosting the cause to the higher progress which we are striving for. Why do you throw barriers in the way of this march of progress by keeping those in charge of the governmental affairs who are opposed or are indifferent to this progress?

GEORGE C. HALL.

Green, Kan.

## Parental Christmas Presents

Parunts don't git toys an' things.

Like you'd think they ruther.—

Mighty funny Chris'mus-gifs

Parunts gives each other:—

Pa give Ma a barrel o' flour.

An' Ma she give to Pa

The nicest dinin'-table

She know he ever saw.

—James Whitcomb Riley



## JAYHAWKER FARM DOIN'S

BY H. C. HATCH, GRIDLEY, KANSAS.

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

It has been some time since we have had as fine a fall for hog feeding as this has been. In addition to having corn of good quality the weather up to date has been dry. Hogs never do well in mud.

Those who have been selling corn tell us that it is weighing out well, a different tale from the one they told last fall. The average 26-inch wagon box full of ear corn weighs out from 27 to 28 bushels. Late corn does not weigh so well.

The price paid for corn varies considerably. Some feeders pay 45 cents, some 42, while the town markets quote from 35 to 38, but at those figures they are not getting much. Stockmen pay more than town prices and so get the corn. South of this county is a dry belt where corn has to be shipped in and there corn brings 50 cents.

All over the West farmers are not accepting lower grain prices without considerable of a kick. They think it only right that grain should be somewhat cheaper, but think the reduction has been carried altogether too far. Grain men in Chicago say that it has been many years since so few bids on grain have been accepted by country dealers and that unless there is a change there will not be near enough grain in sight to fill December contracts.

This goes to show that the man on the farm, as a whole, is much more independent than he was a few years ago. Then he had to take what was offered him for his grain, for pressing debts had to be paid, he had no reserve money and credit was scarce. Now almost any farmer can borrow money at a reasonable rate of interest, while most of the farmers do not have to borrow to hold their grain. In former years we have waited in line for more than an hour for the privilege of unloading ear corn into a crib at 12 cents a bushel for the corn.

A note in the Lyons Republican tells of a Barton county man who sold a crib of corn for 38 cents a bushel which, last spring, he could have sold for 82 cents. Many times, no doubt, it is wise to hold corn when the price is low, but we cannot see why any man should attempt it when the price reaches 82 cents a bushel. It does not even pay to hold corn at that price to feed, for there are 9 chances out of 10 that corn could be shipped in from the new crop for less money even if the man holding the corn raised none at all. The time to sell anything is when a good price is offered and we have yet to find anyone who thinks 82 cents is not a good price for corn.

Does it pay, on the whole, to hold corn at any time when a good price is offered and the corn is not actually needed for feed that season? We know many who like to have a full crib of corn to carry over. We also know of many who like to keep one whole year's feeding of corn ahead. We know there is a feeling of security in having lots of grain, but from the standpoint of actual profit we do not think it pays to hold corn if a good price can be secured. Of course when corn is low it is all right, but when big prices are offered we think it policy to let the corn go.

In regard to the paragraph in this column some time ago about clover threshing with a common grain separator, we have received a card saying that good results may be had by running the straw through twice. That is the plan we had in mind, having tried it twice before. The blow stacker was turned back over the machine and the threshed clover deposited at the side of the feeder. Then when the stack was all through we put the threshed lot through again. The first time we got 8 bushels, the second time 4 bushels and we are satisfied there was still 4 bushels left in the straw.

If one knows that clover will have to be threshed with a grain separator it is a good plan to let it lie out in the weather until it becomes partly rotten. This will spoil the straw but will not hurt the seed. We let the seed clover from a 3-acre piece lie out during three months of a very wet fall and it was cold weather before we could get it dry enough to stack. It was then so rotten that much of the chaff was put on the loads with a scoop shovel. It threshed out well, the first time through the machine yielding 9 bushels, while the second time through only made 1 bushel. The seed was as bright and nice as if no rain had ever fallen on it.

We are also in receipt of a letter referring to what we said about loose Kafir hay being liked better by stock than that which was bound. Our friend assumes the bound fodder was Kafir that had been allowed to seed and had then been headed. Both the loose and the bound were from the same field and both were sown broadcast; the only difference was, that one lot was cut with a mower and piled up loose, while the rest was cut with a grain binder and tied up in bundles. The loose stuff cured out better, while the bound stuff discolored very slightly.

Our friend says that Kafir which has not produced seed makes much better fodder than that which has seeded and been headed. There is no question but

that this is so. Kafir which has made a crop of seed and been allowed to stand until the stalk has become ripe and woody is not liked by stock and they will eat nothing but the leaves unless driven by hunger to gnaw at the stalks. If Kafir is cut when the stalk is green and full of sap it makes fine feed and stock will eat practically all of it without urging. It is this that causes such differing views of the value of Kafir fodder. There are also just such differing views of the value of Kafir grain.

White corn makes a better yield of better quality corn for us on upland prairie than the yellow variety, but we do hate to husk the white kind we have been raising for the last six years. Some of the ears have to be literally wrung out of the husk, while many have to be broken out over the knee. In such corn no fast husking can be done, but nearly all the ears stick to the stalk. Yellow corn husks much easier and a man can husk 25 bushels of yellow easier to himself than he can husk 20 bushels of the kind of white we have. But without doubt the hardest kind of corn to husk that grows out of the ground is the reddish variety called, in this section, Bloody Butcher.

We have seen it stated that white corn is no better yielder than yellow, but that is not true, as to any of the different varieties grown in this section on the upland. We do not know why white corn should be harder, being of better quality as well as yielding better, but it is a fact that it is so. We confess a preference for yellow corn both to feed and to look at but we no longer raise it. What do our readers think about this question of color in corn? Is yellow corn really richer in food values or do stock like it better just because it is softer? The white corn grown in this part of the state is harder and more flinty than the average yellow variety.

We have used up part of this week getting ready for winter. We went into the hog house and built a double wall along the north side using old lumber and making it about 18 inches from the outside wall. Between these two we stuffed old hay which makes a very nice and warm place for the hogs to stay. In the hog house in a vacant space we put part of a load of old hay to have handy for bedding in wet or stormy times. The north side of the hen house was fixed by stacking up bundles of Kafir against it and fastening them there with wire. This makes a warm side out of what would otherwise be a cold one. Such work as this costs nothing but little time and it pays big when cold stormy weather comes. Then we have made a rack in which to feed fodder during wet times when the stock cannot be fed on the ground. When the ground is dry stock like to have their feed placed on the ground rather than in a rack but in wet times fodder put in the average cattle yard is more than half wasted.

### Farmers' Week at Manhattan

This annual State Farmers' institute will be held at the Agricultural college, Manhattan, December 30 to January 3, 1913. Besides the institute proper, there will be the state corn show and the annual state meetings of the boy corn growers, the Kansas corn breeders, dairymen, horse breeders, swine breeders, buttermakers, cattle feeders, as well as the drainage and irrigation conferences.

The state institute will have the use of the entire college plant—buildings, equipment, faculty, machinery, livestock and all, as the college will not be in session during institute week. Instruction will be given in corn judging, cooking and sewing, dairying, gas engines, horticulture, fruit judging, poultry farming and stock judging. Several noted national authorities will address the evening meetings.

For any personal information about the institute write to E. C. Johnson, superintendent of farmers' institutes, Manhattan, Kan.

You can pay the freight on your ground feed by selling your empty bags to the Fredonia Linseed Oil Works, Fredonia, Kansas.—Adv't.

Not many apples selling at a quarter a bushel now.

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Surpasses the famous "Black Beauty". "Kate," a victim of poor handling is vividly contrasted with "Queen" who was more fortunate. You sympathize with one—sympathize with the other. Prof. Jesse Beery has woven into this intensely interesting story, many valuable suggestions for handling horses—a result of a lifetime's experience. Sells for 50c, but a limited number only will be sent for the names and addresses of 5 horse owners and 10 cents.

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To help you and all readers of the FARMERS MAIL AND BREEZE in your preparations for Christmas we will send you, ABSOLUTELY FREE AND POST-PAID, a big package of TWENTY of the most beautiful Christmas and New Year Post Cards you ever saw, if you will send us only 25 cents to pay for a three months' subscription, or, providing you are already a subscriber, the subscription of a friend. Or, you may send a renewal or extension of your present subscription. Every card we send you will be a beauty—no cheap comic designs, but a handsome assortment of the prettiest, most expensive Holiday post cards on the market. In the assortment you will find post cards for little tots and older children, showing Christmas Trees, Santa Claus and all sorts of toys, also cards for older people, having a pleasing verse or a beautiful sentiment expressed by a great mind, or beautiful Christmas greetings and

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If you do not care to send 25 cents to pay for a three months' subscription for yourself, get two of your friends to give you 25 cents for a subscription, send us their names and the 50 cents, and we will mail you, free and postpaid, a beautiful assortment of 15 Christmas and New Year Post Cards for each of your subscribers, and 20 of the handsomest Christmas and New Year Post Cards for yourself, and in addition, we will enter, renew or extend your own subscription for six months free. Christmas will be here almost before you are aware of it, so don't delay. Send us your order early—today if possible. Address, FARMERS MAIL AND BREEZE, CHRISTMAS CARD DEPT., TOPEKA, KAN.



# Do We Need the Adviser?

Dean Miller's Argument in Favor of the Plan

BY J. H. MILLER

Several years ago I became convinced that the logical next step in the progress of agriculture was the local demonstration agent for each county. Forty years ago a co-operative savings bank in Germany employed a scientifically trained man to visit all farmer members, whether depositors or borrowers, and assist them in solving farm problems. One of the best farmers in western Kansas told me that he remembers the first visit this expert made to his father's farm in Germany, and that within the next five years there was a remarkable improvement in farm methods. In Denmark the government employs many experts who carry the best instruction right out to the farm, dairy and garden.

## Results Obtained in the South.

Twenty years ago farming in our whole Southland had reached such a low condition that thousands of the best white people were forced to abandon their farms and come to the West. The cotton crop was ceasing to be profitable because of the ravages of the cotton boll weevil. The states were poor and unable to meet the impending calamity. Dr. S. A. Knapp, of the United States department of agriculture, asked the privilege of going to the South and taking experts to live with the problem and to train others to take up the local work. It has saved the South. It has made a new South. Several states have an agent in each and every county.

## The Kansas Farmer's "Move."

In South Carolina the average yield of corn was 15 bushels of shelled corn per acre. Last year on 8,000 farms the 8,000 demonstration acres produced an average of nearly 30 bushels, 40 per cent more than the Kansas average. The same report comes from Alabama, Georgia, and other southern states.

The average yield per acre in Kansas is too low, both for corn and wheat; too low for the intellectual credit of Kansas people. It is not creditable for a man of means to produce only one-fourth as much per acre as other men can produce in his own county. We have come to a time in Kansas when we should take consistent action and it is the farmer's move.

## Let Each County Board Decide.

It is safe to say that the college gets 100 letters every week asking for all kinds of advice that must necessarily be limited in value because of lack of personal knowledge of actual conditions. A good many mighty fine people are opposed to the county farm agent, saying that no "kid gloved expert" can tell them how to farm after they have lived on a farm all their lives. I have had probably a

thousand men say, "Yes, that sounds good and it may be true at Manhattan, but it won't work in this county." Very well, why get excited when we admit this and want to send a man to live in that very county? So far we have heard only criticism of the idea. It is time now for the farmers who believe in this idea to have a say. They should talk to their legislators about it. I propose to have a bill introduced to permit a county board to appropriate money for the salary and expenses of a county farm demonstration agent to be selected and directed by the Agricultural college. It will not be compulsory on any county any more than is a farmers' institute.

## What Will the County Man Do?

What will a county demonstration agent do? He will endeavor to put into practical operation in each county what the agricultural college men would recommend as common practice in that county. He will undertake no untried experiments. He will work only on the farms of men who ask his co-operation and who will agree to follow recommendations on certain portions of certain fields; say, 10 acres for corn, 10 acres for wheat, the same for Kafir, and 8 for oats, a half acre for potatoes, and certain agreed upon areas for legumes and other suitable crops for that particular locality. He will be able to advise on other farm problems, the dairy, the orchard, the feed lot, etc. He will be a sort of marketing agent for every farmer who will follow directions as to preparation of his produce for market. He will be able to vaccinate hogs for cholera, and cattle for blackleg. He will be able to advise farmers on drainage in eastern Kansas and on irrigation in western Kansas. He will be able to instruct orchardists in the pruning and other care of their orchards, spraying, etc., and in the packing and marketing of their fruit.

## Also a Co-operative Agent.

He will be able to act as a sort of exchange agent in the county for breeding stock and good seed grain. He will hold farmers' meetings in the school houses throughout the county. He will be able to interest hundreds of boys and young men in the better things of rural life, the rural church, clean athletics, etc. He will, in short, be a resident representative of the Agricultural college, and whenever any special problem comes up he will be expected to draw on the college for whatever help it can give. He can, in time, make a soil survey of the county, charting each farm and showing its soil standing. By his travels over the county he can carry the best practices of the best farmers to all other parts of the county. In this way he can lead in concerted action on many measures. The college is planning a co-operative bureau for the marketing of produce and each county man could be our agent for this work.

## The Financial End of It.

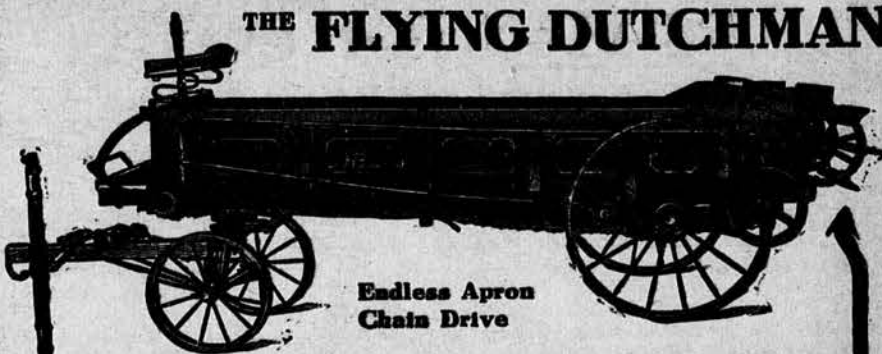
In my judgment this is the wisest step the farmers of Kansas can take. Such a man may cost a county all the way from \$1,500 to \$2,500 a year and I honestly think that his services will be worth \$100,000 a year in agricultural products alone, and I think his help with the young people will more than satisfy every farmer taxpayer who has a boy or girl.

Any county in Kansas can get a straight out gift of \$1,000 for starting such work now without waiting for legislative action. Or if the law referred to should be passed, a county can still receive that sum provided sufficient funds be pledged to carry on the work for two years. There are no "strings" to this gift other than that the work must be continued for two years and that all work be under the supervision of the Agricultural college—not unreasonable conditions. I think it unwise not to accept this gift, regardless of the fact that it is from a mail order house. If the money is tainted, let us purify it by mixing it with Kansas soil and air.

This is not a matter to be discussed in excitement but in a plain common sense way to get at the real problem and how to help conditions.

Manhattan, Kan.

## THE FLYING DUTCHMAN



Endless Apron  
Chain Drive

## Strong—Simple—Light Draft

Just look at the lines of this Low Down Spreader.

See where the wheels are located—right under the load—just where wheels should be.

The greatest weight comes on the rear wheels—giving perfect traction power without the extra heavy mud lugs that others require.

The Box is as long as any spreader built, yet the distance between the wheels is from 25 to 50 per cent less than other low down spreaders.

Think how much easier to handle in the barnyard and in the field—and it takes just one less horse to run it than the long unwieldy ones. Not a freakish feature about it—no, not one—we have never known a freakish implement to give satisfaction.

Another point—the Flying Dutchman is lower behind than in front—the apron and load travel "down hill"—another light draft feature. The endless apron has 18 inches clearance between the lowest point and the ground—6 inches more than some others—some difference.

## Steel Frame—Steel Wheels—Steel Beater

Apron runs on three sets of hardened steel rollers—absolutely no sagging.

No other spreader so simple in construction—one lever operates entire machine. No other spreader so well built and strong—no other spreader so generally satisfactory to the user—"The Lightest Draft Low Down Spreader Ever Built."

We also build the Moline Spreader which is of the same construction but has a Return Apron.

Our Handsome Spreader Booklet Free.

Also 1913 Flying Dutchman Almanac.

Write today

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Fastest, lightest-running mill made. No burrs. One set rollers grinds 5,000 lbs. of cob—wet or dry. Forces feed can't clog.  
**The Roller Bulldog Grinding**  
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No Gearing  
No Friction  
ANTI-FR  
DUR. B

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88 8th St., Waterloo, Iowa

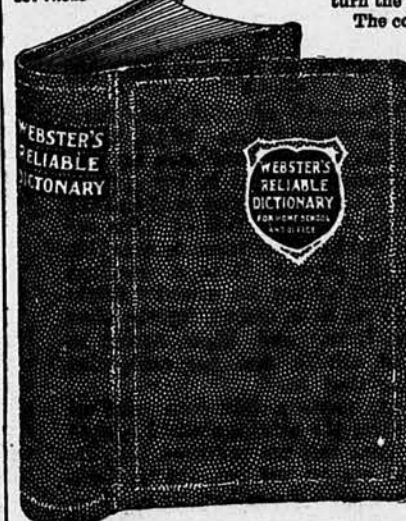
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I have just made one of the largest dictionary purchases ever shipped into the West—two entire car loads. I got them for a price away below the usual wholesale rate—a price so low, in fact, that I can give these books free—as long as my supply lasts—to the readers of this paper. I will send one of these big value dictionaries free and prepaid to all who fill in the accompanying coupon remitting just \$2.00 to pay in advance for a 3 years' subscription (156 big numbers) to my well known farm weekly, "The Farmers Mail and Breeze."

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Dear Sir: I desire to accept your special offer and enclose herewith \$2.00, to pay for 3 years' subscription to Farmers Mail and Breeze, and you are to send me, prepaid, one leather-bound "Webster's Reliable Dictionary" as per your offer.

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

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

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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.



# Ways=Means=Results

Worked Out by Mail and Breeze Readers

## Kafir Liked by All Farm Stock

Mr. Editor—We feed a great deal of Kafir on this place and are well pleased with the results obtained. We find it a good grain for hog fattening by grinding and soaking it before feeding. In this way of feeding a self feeder may be used to good advantage. We also grind it for horses and feed in a mixture with oats, half and half. As a feed for poultry, Kafir is particularly good. Besides growing it for grain, we sow it for forage to feed to cattle and horses and the results have been satisfactory. The more Kafir there is raised and fed on farms, the better will be the condition of livestock. Jacob A. Voth.

R. 2, Kremlin, Okla.

## One Way to Better Machinery

Mr. Editor—I am a farmer and reader of the Mail and Breeze. Having had a long experience with farm machinery I want to say that the articles of Clyde W. Miller on defects in farm machinery are correct and all right. He has the right idea and when farmers once make a concerted kick we will get better machinery. The reason there is not more kicking is because farmers as a rule think it is of no use. They think manufacturers will do as they please anyway and that farmers will have to take whatever they turn out. Any man making a plea for better machinery ought to have the moral support of all good farmers for that is the only way we will get improvement. So keep right on, Brother Miller. P. Valdois.

Haven, Kan.

## The Stock Melon in Texas

Mr. Editor—I have been growing the Texas stock melon a number of years and as a crop to furnish green feed in winter it has proved the most profitable of any I have ever grown. This melon grows very large, some of them weighing as high as 60 pounds. They seem to have no insect enemies and will grow in corn fields like pumpkins. They are a cross between the Florida white and Kansas dark melon. For hogs, cattle, sheep and all fowls they furnish succulent feed at a time when it is scarce. They are about the only substitute for silage I know of and if you want milk in cold weather, feed them to the cows. They are good also for table use, as preserves, and hot or cold sauce.

Newton, Tex. G. D. Perego.

## Making Good Hogs With Kafir

Mr. Editor—I have an upland farm on which I have been raising Kafir and milo for the last five years as I was unable to raise enough corn on it to feed. One cannot go wrong in this part of Oklahoma by planting Kafir and milo for these crops will pay far better than corn on these upland farms. I have never known Kafir to fail in western Oklahoma. This year I grew nothing but Kafir and it made 35 bushels per acre.

I have finished one bunch of hogs on Kafir and got top prices for them and am feeding out a second bunch and they are doing fine. I feed the Kafir in the head for a while, then grind it head and all and feed dry, then soak it. Sometimes I feed the Kafir soaked in the head. I keep changing about this way but find that grinding it makes a big saving. I feed the hogs as much as they will clean up each day. Let Mail and Breeze readers who are feeding their hogs out on corn, put them on Kafir and milo after they think the hogs are finished and see if they will not show some difference. However, my experience has been that hogs will start off better on Kafir and finish on corn. J. A. Chappell.

R. 4, Foss, Okla.

However, fed alone for any considerable length of time Kafir does not make a good ration because it is constipating. It is well to feed it with some laxative feed like alfalfa hay,

sorghum fodder cured when green, tankage, wheat bran, middlings or linseed meal. Some feeders declare milo has a laxative effect, therefore the two might work together better than feeding either singly. Soaking or grinding the Kafir is generally recommended.—Ed.

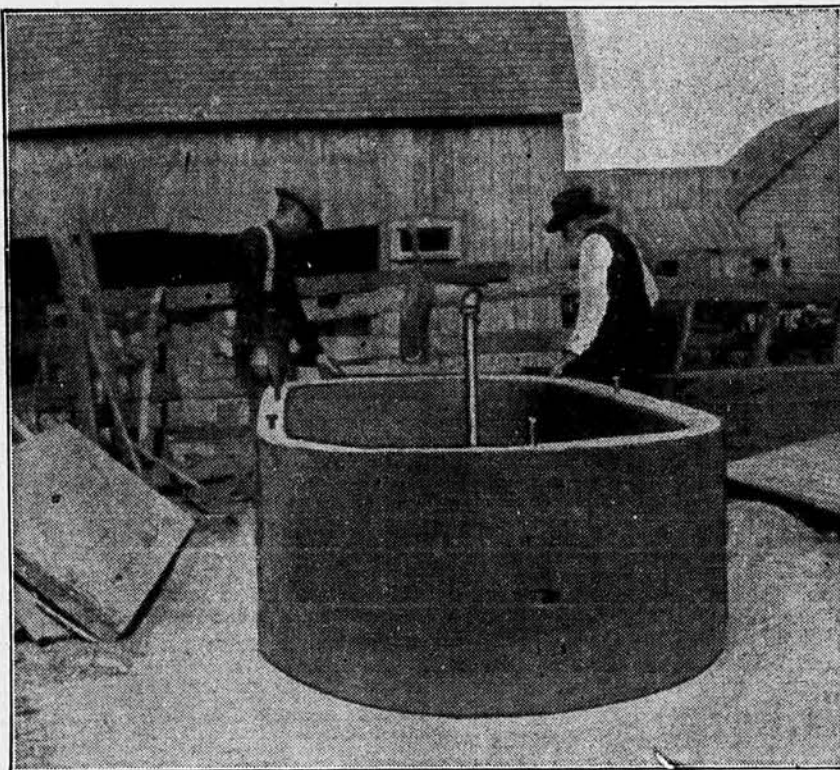
## What it Cost to Build a Tank

Mr. Editor—I am sending you a picture of a concrete water tank designed and built by home talent and labor (See elsewhere on this page). The tank has a capacity of 18 barrels and was built at a cost of 14 sacks of cement, 2 loads of rock, and 2 loads of sand. The forms were made of odds and ends of lumber lying about. The older of the two men in the picture is 86 years old and has been a resident of this county and township since 1858.

A. B. Shulsky.

"Cedar Lane Farm", Denton, Kan.

In addition to Mr. Shulsky's description, the reinforcing for walls should not be forgotten. Hog wire cut in strips long enough to cover the bottom and extend up into the side walls to within 6 inches of the top, is good.



Elsewhere on this page, a Doniphan county reader, A. B. Shulsky, tells of building this concrete stock tank of 18-barrel capacity, with farm labor at an expense of 14 sacks of cement, 2 loads of rock and 2 loads of sand.

Then cut a strip about 4 feet longer than length of tank to be imbedded in the bottom lengthwise, with ends extending up into end walls. Two or three  $\frac{3}{8}$ -inch rods, with ends hooked together, laid entirely around in the upper edge of walls, will add much strength to the tank. Since there is danger of concrete freezing at this time of year it might be just as well to lay this issue of the Mail and Breeze away until spring, and then try out these ideas.—Ed.

## What 8 Acres of Alfalfa Can Do

Mr. Editor—All crops on this farm and in this vicinity have yielded bountifully this year, and we have no reason to grumble, but it is my opinion that our 8 acres of alfalfa paid out the best of all. In the fall of 1910 we spread a light coat of manure over this patch, then plowed it to a medium depth. Next spring we sowed 1 bushel of oats per acre, disked, lightly, then harrowed it in, and then sowed 15 pounds of alfalfa seed per acre, also harrowing that in.

The oats made a fair crop and at harvest time the alfalfa showed a good stand. That fall we pastured it lightly. This season we cut that alfalfa four times, filling our barn with about 20 tons of hay. In October we turned

three milk cows and the two buggy horses and yearling colt onto this patch where they grazed to the end of November. The horses kept in the best of condition and the cows came home each evening stuffed like toads and ready to fill the milk pails. Now we are feeding the hay to work horses, calves, hogs, and poultry. For hogs, calves and poultry we consider alfalfa hay as good as any stock food for a conditioner.

The real profits from alfalfa are not realized until one considers the amount of rich feed produced, the health and good condition of stock it encourages, and the enriching of the soil on which it grows for years without reseeding.

M. M. Maxwell.

"Hopeful Farm", Valley Falls, Kan.

## A Kiowa County Wheat Yield

Mr. Editor—As to the best money crop this year, I want to tell you about my wheat. In the fall of 1911 I put out 385 acres of hard winter wheat. Of this 76 acres were sod that I double disked, then harrowed three times. This sod was in two different fields, one of which averaged 36½ bushels per acre, the other 34½ bushels. I had 43 acres sown in corn stalks that averaged 35½ bushels. In another field there are 85 acres of old ground that I double disked before plowing, and harrowed three times after plowing. I sowed 3 pecks per acre and this field

men to build silos, and later to be repaid to the state. It has been estimated that with such a fund available, 5,000 silos could be built in time for filling next fall.

The proposed law is receiving strong support, one of its backers being Roy Stafford, editor of the Oklahoman published at Oklahoma City. In telling of the possibilities of such a move he has this to say:

"Silos will make Oklahoma rich quicker than any other one thing. With silos we can make an enormous increase in our output of livestock, and livestock makes the most profitable kind of farming. After installing 5,000 silos, in less than 12 months from the time the first silo was installed by aid of public funds, the owners will begin to pay the state the small sum lent. The money can then be lent to other farmers to build silos.

The fund can be made nearly a perpetual one, although the profits which will be derived from the methods used will be such that the fund will not need to be a perpetual one. The bond issue can run for 20 years and then be extinguished by the money repaid by the farmers. During the lifetime of the bond issue, more than 100,000 silos can be established on the farms of Oklahoma. Long before that number is built, our farm products will reach an annual value of more than 500 million dollars. Oklahoma will be the richest state in the Union. The silo will do it."

Wouldn't a little "paternalism" of this kind do wonders also for Kansas? I don't know of anything that can be said against the idea and a great deal that can be said for it.

B. O. Williams.

R. 1, Alma, Kans.

## A Speculation That's Paying

Mr. Editor—I want to tell you about a little deal I made. I am generally opposed to stock exchange methods, but a year ago I bought a little stock. I paid \$60 cash for the stock, and the first dividend declared was October 29, 1911. The stock was purchased during August of the same year. The first dividend (estimated) was \$50. The second dividend was declared July 18, 1912, and has been paid in cash. This amounted to just \$65, and I have the money in my jeans.

This "stock certificate" that I bought tells of the breeding of a fine Duroc-Jersey sow, bought as a bred gilt. We are looking for an increase right away, (only one of her gilts has been bred) and next spring we shall have, barring accidents, between 40 and 50 pigs. We have already sold \$131.50 worth of pigs from an investment of \$100, and would not now take \$300 for the stock reserved.

William Nabor.

R. 2, Wellington, Kan.

## How Make Hedge Stay Dead?

Mr. Editor—If any of the readers of Farmers Mail and Breeze know how to kill out hedge after it is cut off I would like very much to hear from them through the paper. A. F.

R. 1, Elbing, Kan.

## A Pointer As to Peanuts

Mr. Editor—Last spring we bought a small package of peanuts at a seed house for 15 cents. This package planted 80 hills, 2 hulled nuts to the hill. We planted them about like corn which would make them occupy 3 square rods of ground. From this small patch we dug a full bushel measure of peanuts, which means a yield at the rate of more than 50 bushels per acre. We worked them with a 2-horse cultivator whenever the rest of the truck patch was cultivated and this is all the care they had. They were dug with a common fork and the nuts picked off by hand when dry. The vines were fed to the cows and they seemed to relish them. I do not know what the market value of peanuts is but at \$1 per bushel this crop would have paid for the land it was grown on and the vines used as feed would have paid for the labor it took to raise them.

H. R. K. Miller.

Moran, Kan.

## State Aid in Building Silos

Mr. Editor—I see that if the legislature of Oklahoma sees fit, the "new state" will likely be the first in the country to put in operation a system of agricultural credit. A bill, with strong backing will be introduced authorizing the issue of 2 million dollars in bonds to erect silos on Oklahoma farms. Money from this fund is to be advanced to farmers and stock-



No. 1

## You're Next

Mr. Dairyman and Farmer, I've got a real bargain for you on the easiest-to-clean, easiest-to-run, biggest, best-producing separator on the market.

### GALLOWAY'S BATH-IN-OIL SEPARATOR

—1913 Model—looks about 10 years ahead of the rest in improvements, yet sells \$20 to \$45 cheaper.

Test, compare, prove it to yourself on 30 days' free trial. Write for 1913 offer and Separator Book full of valuable information. Address: Wm. Galloway, Pres., The William Galloway Company, 208CE Galloway Sta., Waterloo, Ia.



## FARMERS WANTED!

I want farmers all over the land to learn about my farm engines, my methods of doing business, and low price offer on

### Galloway Farm Engines

My New 1913 Model farm engine is the latest, improved type. Starts at a touch, simplest to operate, cheapest to run, most substantially constructed of all, and sells

#### \$50 to \$300 Cheaper

than others charge for their old-type machines. My FREE Book tells how to know a good engine, what you ought to pay for it, how to obtain 30 to 90 days FREE trial, easy payments, and about my 5 year guarantee of satisfaction or money back. Write for book NOW—before you forget it. Address, William Galloway, President.

**The William Galloway Company,**  
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No. 2

## Save Money

I Will Save You \$25 to \$50 on a 1913 Galloway Manure Spreader

My New 1913 Model Spreader with Mandt's new gear now sold at lowest price ever placed on dependable machine. Bigger, stronger, simpler, quicker working, lighter in draft, more durable and better in every way. Get my FREE Book "A Streak of Gold" and 1913 trial proposition. Mail postal for offer. Address: The William Galloway Co., 208CE Galloway Station, Waterloo, Ia.



# WHAT IS A BARGAIN?

(Written by Wm. Galloway, the Farmers' Manufacturer)



**B**ARGAIN—"an advantageous transaction," says Webster. Just that and nothing more. It doesn't mean a "fall-in-price," doesn't mean a "come-down" from a former charge, doesn't mean something "cheap."

On one hand, in purchasing, you obtain an article that costs little, one that gives you all of your money's worth.

On the other hand, some one is bled and overcharged to begin with; then when the article becomes unsalable, a drug-on-the-market, or depreciates in value, the price is lowered as a bait to catch the gullible that wouldn't bite before.

Real bargains are at a premium.

False bargains can be had in everything, everyday, everywhere.

No one can be too careful these days for there are a lot of articles masquerading as "bargains"—articles, while not absolutely worthless, give but poor service at best. If this is true, and you know there is a great deal of foundation for this statement, it would be wise—no matter what you want to buy—to deal direct with the manufacturer whenever possible.

One reason is this: The makers are directly responsible to consumers for the efficiency, dependability, durability of their product. There can be no evasion of responsibility, no shifting the blame—the manufacturer in dealing direct MUST stand by his product.

This direct responsibility of the maker results in his putting all the reliability and service possible into his goods. First, in order to protect his own market with consumers and, second, to prevent losses on goods which would be returned to him on account of faulty construction or the product's not living up to his claims.

## Quality Is the First Consideration of the Farmer!

He wants the best he can get. If it's a farm engine, a cream separator, a spreader, he wants one that will perform month after month, year after year, the same as the day he bought it. So, very often, he listens to a "quality talk" which covers a high-price—though called a "bargain"—and he has cause to regret it later on.



ONE OF THE MANY USES OF A GOOD FARM ENGINE

That word "Quality" is pretty much overworked. What does it mean? Perfect materials, best materials, superior construction? All essential, of course, but there is something else to consider. For no one can honestly claim real quality unless his product be modern, up-to-date, or have superior features of excellence or advantages not possessed by competing machines.

Remember—We carry stocks of our machines at Chicago, Kansas City, Council Bluffs and St. Paul, insuring prompt shipment.

## New Models—Fine Improvements In Machinery Are Also Most Desirable

These things mean better service for least cost of operation—greater strength and durability—long life without outlays for repairs.

It isn't hard to find up-to-date machinery if one only tries. Engines, separators, spreaders and other machinery about the farm have been vastly improved in the last few years and the man who buys an old model because the price has been "lowered" will get a "bargain" (?) that is dearly bought.

Last year I thought to myself that with Mandt's New Gear on my spreader the height of perfection had been reached. But this year brings to you the greatest improvements, refinements, superiorities ever gathered together under a single trade-marked name.

My new spreader, with greater capacities, more liberal measurements, etc., reaches the very climax of spreader construction. I've improved on other models, too, in making my 1913 Model Farm Engines and Manure Spreaders. So when it comes to real quality, you can well be

Separator (See Adv. No. 1), or \$25 to \$50 on a Spreader (See Adv. No. 2), or from \$50 to \$300 on a Farm Engine (See Adv. No. 3), they know it's the truth. They have saved that much money when dealing with me and you can be sure you can do the same.

The space allowed for these advertisements, does not permit the featuring of the exceptional features of superiority in these three new models of mine, nor explain my special low price, introductory offer, five-year guarantee, 30 to 90-day free trial, and what a Real Bargain you get. But you can secure all the information by writing me a post-card, stating in which of these machines you are most likely to be interested.

## I Believe That 100% of All Farmers are Honest

and will trust you for anything you want. If you've never dealt with me, you can't understand how easy I make it for everyone to have a real good, dependable, efficient and reliable engine, spreader or separator—and at a price that anyone can well afford to pay.

My Easy-Payment Plan is covered in the Free Books, I send upon request. If you are not in the market now,



TOP DRESSING CORN WITH GALLOWAY SPREADER ON FARM OF W. J. KELLER, HALSTEAD, KANSAS

guided by the actual, provable superiorities of these three leaders of mine in determining that which is wisest and best to buy—and then you'll get a bargain.

## Where Price Plays The Important Part

Many farm implements are made to sell through the dealer, mail order house, agents, etc., and carry such large profits to allow margins for manufacturer, salesman, jobbers and dealers.

That's why I claim that it's impossible to obtain a bargain—"an advantageous transaction"—unless you do deal with the manufacturer of the article you purchase. For when you deal with the manufacturer direct, you're bound to save at least three margins of profits, bad debts and useless expenses in effecting a sale.

I, as a manufacturer, tell you this. You can be sure of quality, in buying from the maker, for reasons I stated before. You can be sure of paying only one profit above cost of production too, and, if the manufacturer's product is an improvement over those of his competitor—like my separator, spreader and engine—then you get

## A Combination of All Three, Which Constitutes a Real Bargain

My customers—hundreds in every large neighborhood—will tell you that they are not surprised when I say I can save anybody anywhere from \$20 to \$45 on a Cream

it will pay you to get these books anyway, so when the time comes, you will know what I can do for you.

## My New Selling Plan Allows Me To Cut Prices On Everything

Modern business methods in my factory—buying raw materials for cash—ready money for enormous purchases—taking advantage of all cash discounts—low markets—and the most economical system of manufacturing and selling—gives you all the benefits of manufacturer's cost, plus one small profit.

Everything that comes out of my factory is the best.

If you believe me, you'll buy from me.

If you buy from me, you'll believe.

## My Books Are Not Mere Catalogs Or Price Lists

I've got the most remarkable "Business Library" for the farmer ever compiled. It consists of books on Farm Power and Engines—Farm Manure and Spreaders—The Farm Dairy and Separators—Farm and Home needs of all kinds—all of which tell how to buy the best for least money.

Tell me which you want most. Or you can have all of them free, postpaid, for the asking. Just state which thing you are likely to buy first so I can write you my proposition and quote prices that will put you on the inside at the start.

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**WILLIAM GALLOWAY COMPANY**  
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insuring prompt shipment.

**Either or All of the Helpful, Money-Saving Books Mentioned In Above Article Sent FREE Upon Postal Request—GALLOWAY**



## 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.

### Not for Supreme Court Elections.

Mr. Editor—I am writing a short letter to let you know how sorry I am that Mr. Capper got counted out for I know we elected him fair. It seems the supreme court does the electing and not the voters.

R. 4, Jewell, Kan.

J. W. Gee.

### Why Not Pensions for Mothers?

Mr. Editor—I want to know what people, especially women, think of a pension for the old mothers. Now don't read this and drop it but let your opinion be known. Let us keep this subject before the people until mother gets her money, for who has done more for this country than the mothers? Who has had more trials, more heart aches, more work and more worry, with less pay, than they? Who is more ready to bear our burdens and stand by us as a friend through every kind of trial and who can cheer and comfort us like mother? Surely it is only fair we do this little favor for her after she is too old and feeble to do for herself. She has given her best years to us and we should not deny her the pin money she may have longed for and worked for, probably in vain, all her life.

Saint Joe, Ark.

Mrs. Maude B.

### The Money Trust's Foundation.

Mr. Editor—If a man swaps corn for potatoes he never thinks of interest. If he swaps his corn for money he forthwith proclaims his right to interest. Why?

Because all men must have legal tender stamps and the government has made them in scarce quantities and given them free of cost to the owners of bonds and billions so they can force the rest of us to pay them billions for the use of what cost them nothing, or sell us out under the sheriff's hammer for taxes. It is a devilish government trick to force a man without a stamp to let a pet with a stamp rob him. It is the root of all evils and we propose to let the people have money on their state, county and city bonds for public improvements without interest just as we do bankers. Hereafter, instead of giving them away as it has all these years, the government shall use its stamps to pay its current expenses and to help the poor drain, lease and fit up lands with co-operative homes, shops and farms as in the Canal zone.

McVeigh says the people can no longer stand the strain put upon them by the government, hence I ask you to publish the above. And now be Capper in spite of any party. The world has need of you.

Burlingame, Kan.

M. V. Rork.

### If You Can Leave the Picture Shows.

Mr. Editor—When we sold our house, built mostly with borrowed money, and made a good profit, we went in on a larger scale. With a larger loan we bought some high-priced lots and began to build another house. Everyone said that the new house was nice, comfortable and a fine location, but it did not seem to be just the place that any of the retiring farmers wanted to retire in. As the town was the center of a large farming community, retired farmers were the only prospective buyers.

Business became slack and with poor health my husband was having more than he could do trying to keep up with the high price of living. So we began to think of farming and while we were just getting used to the sound of it our buyer came. He had put out a crop, ran up against a dry spell and had become frightened over his prospects. He offered us a trade of stock, implements and crop for our equity in the property.

We traded, moved and finished tending the crop which when gathered made

our old job in town look like a gold mine. But this was a bad year and we were not used to doing without pay-days.

We squirmed and wriggled through that first year, but we found in six months what we had been paying the doctors for years to find—health. And with it a full pork barrel and produce to exchange for groceries. We now have a nice bunch of cattle and a fine lot of young pigs that are growing into money and costing very little.

Yes, the lady of the house carries slop to them. Some said she'd never do it but she does and enjoys seeing those shoats growing into porkers. Of the ups and downs and disasters that beset and befell us and of the winter we lost so many horses that dead horses became a nightmare, I will tell you some other time unless the editor makes this "the last word."

A laboring man's family, if willing to work and to break loose from moving picture shows and the crowd, can make a better living on a farm and will have a better chance to own its own house. But some capital is necessary unless some landlord will fit you out for half as some are doing.

Washington, Kan.

Mrs. H. G. T.

### Protecting a Wrong by Law.

Mr. Editor—I read your comment in the Mail and Breeze on the governorship in this state. I fully agree with you in that the action of the supreme court shows how, instead of correcting a wrong, it protects a wrong. As the ballots marked in the circle and also in square below are legal I cannot see how our highest court could do such an unjust, unpardonable thing as to deny the right to compel election judges to do their duty and count these legal ballots.

The "Capital" reports several states wherein the courts forced election judges to even recount ballots, the woman suffrage amendment in Michigan, for instance. A mistake was thought to have been found and immediately a recount of ballots was ordered. In California the courts forced a recount of presidential ballots. Now our court denies the right even to count all legal ballots.

Such a set of supreme judges is simply unpardonable. I cannot understand it. Judges that have no better opinion of right or wrong, in my estimation, ought to be ousted from office.

Why were all the lawyers for Hodges against the counting of such legal ballots? Did they have a reason? I guess yes! They knew well enough if those legal ballots were counted, Capper would be our next governor. In conclusion I have only to say that if I were a Democratic office seeker, but could only be elected by dishonest means to such an office, I could never accept the position even if the certificate were granted to me.

Baldwin, Kan.

C. Gastrock, Jr.

### Much Graft in "Horse Companies."

Mr. Editor—I want to warn my neighbors against the present system of organizing horse companies among farmers. The plan is for a "windjammer," known as a salesman, to ship a horse into a community and organize a horse company. He first secures the services of an influential neighbor, but who is usually irresponsible, to accompany him and induce farmers to invest their money in a stallion. This neighbor is a "wolf in sheep's clothing."

This salesman makes promises he cannot fulfill and never intends to. He will promise 60 per cent of colts and \$100 for each foal at weaning time, etc. He will sell a grade horse for a purebred and vouch for the pedigree but his guarantee amounts to nothing.

Most of these company stallions are eventually owned by one individual because they are not a paying proposition. I know one of these stallions that cost \$2,000 and was afterward glad to get \$200 for him. The man who owns a share pays the same price for his foals as the outsider and he is out the money he invested besides the pro rata expenses of keep. There are two horse companies in this vicinity and neither animal was worth half the price paid. One costing \$1,800 died. The other cost \$2,400 and could now be bought for far less.

What is everybody's business is nobody's business, is also exemplified in these horse companies. I would suggest

that we farmers buy as individuals. Let 10 men each buy a purebred dam, then another buy a purebred sire and breed the mares to him. And wouldn't it be better to make these animals non-taxable? Pedigreed stock is assessed entirely too high.

Gate, Okla.

L. D. B. Ranney.

### Farm Improvements by Tenants.

Mr. Editor—I believe nearly every landowner would be willing to put better improvements on his land if he could have the assurance that they would be taken care of reasonably well. A good many people do not take care of their own property and one could not reasonably expect them to take good care of another man's property. However a landowner should be willing to allow the renter to put up a few of the most necessary improvements, and agree to pay the renter what they are worth at the expiration of the lease.

I have often thought, if I were renting, I would try to get all the renters in a limited territory interested in this matter of improvements and try to have all agree to put up a few permanent improvements such as a good hog corral, a small chicken-tight garden, etc. On moving to another rented farm the renter could leave these improvements provided he would receive the benefit of similar conveniences on the new place. I believe associations of this sort could be formed that would be of great benefit.

I do not know of a renter in our community who has raised a decent garden, and yet they are good men who with their families would enjoy raising their own vegetables. But gardens are out of the question where no protection is afforded from chickens and stock and would go a long way toward cutting down living expenses.

J. F. Rambo.

Republican City, Neb.

### Manual Training For Farm Boys.

Mr. Editor—Our earlier elementary schools and colleges prepared for professions of law, medicine, etc. This was good for the few. Today we want culture but not culture that fails to produce a citizen who can support himself. Some of the people in the rural districts have felt that the old order of school work did not meet the needs of their children and consequently they refused to send their children to school. Manual training rightly planned, will overcome their objections for such schools and tends to keep the boys on farms. There is no occupation where certain forms of manual training are more needed than in rural districts. Farm work needs system, modern farm machinery requires practical knowledge as is found in manual training work. Farm boys do have manual work, but much is of the crude order and what they need is directed work. Many of the states are working out these problems in the rural communities very successfully.

Manual training develops the intellectual side of the mind as nothing else can, and furnishes the pupil with real practical knowledge. It increases interest and develops love of work. Manual training keeps boys in school and in order to get it many have continued their other studies, enabling them to graduate. Many of the manual training pupils leave school with the idea that it is just as honorable to work with the hands at \$2 per day as to clerk in a store at \$3 a week. Although manual training is taught as a part of general education, it frequently aids the pupil materially in selecting an occupation for life.

G. E. Bray.

Manhattan, Kan., College Extension Service.

Empty bags are worth money. Write the Fredonia Linseed Oil Works for prices. Fredonia Linseed Oil Works, Fredonia, Kansas.—Adv't.

### Instruction For Autoists

For the benefit of its customers, the Willys Overland company, of Toledo, has issued an instruction book for the operation, care and adjustment of Overland autos. It is a handbook of instruction that the would-be autoist can easily grasp, and may be had by addressing the company and mentioning the Mail and Breeze.



We are prepared to prove to you that a Columbia talking-machine department in your store will be immediately profitable to you without extravagant investment, and continuously profitable because of the record business coming in all the time from the owners of the instruments already sold.

## "Music Money"

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THE SMOOTHEST TOBACCO

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## SAVE-THE-HORSE



OUR LATEST Save-The-Horse BOOK is our 12 Years' Experience and DISCOVERIES—Treating over 100,000 horses for Ringbone—Thoroughpin—Spavin—and All Lameness. It is a Mind Setter—Tells How to Test for Spavin—What to Do for a Lame Horse! Covers 50 Forms of Lameness—Illustrated. MAILED FREE. But write, describing your case, and we will send our BOOK—sample contract, letters from breeders and business men the world over, on every kind of case, and advice—all free to the horse owners and managers. Write! AND STOP THE LOSS. TROY CHEMICAL CO. 15 Commerce Ave., Englewood, N. Y. Druggists everywhere sell Save-the-Horse WITH CONTRACT or sent by us Express Prepaid.

## Our Farmers' Cattle Knife

**Free**

This Farmers' Cattle Knife is a beauty. It has one large scimitar, one spaying and one congress blade; Extra quality steel, double German Silver bolster and shield, brass lined, stag handle. This beautiful useful knife will be sent you FREE, postpaid, for securing only four 3-months subscriptions to the Mail and Breeze at the regular rate of 25 cents or we will send you our paper one year for \$1.10 and the knife free as premium. We guarantee the knife and will return your money if you are not satisfied. We know you will like it as we have given away hundreds and have never had a complaint. This illustration is one-half actual size. Write today.

**MAIL AND BREEZE**  
Topeka, Kansas



# Capper Boy Winners of 1912

Full Report of Corn Contest Will Appear Later

With a yield of 85 bushels 7 pounds, Frank E. Chandler, a 19-year-old Lyon county boy who lives on Route 2 out of Emporia, won the \$50 cash prize for best yield per acre, at the Capper Boys' Corn Show this year. The best record made last year, "the dry year," was a little below 70 bushels.

Lowell Short, age 13, of Assaria, Saline county, won the single-ear championship of Kansas and the \$25 cash prize with an ear almost a duplicate of the ear of yellow dent which won the state championship last year. This was grown by Charles Groh, age 19, of Doniphan county.

An ear that almost tied Lowell's corn for first place was entered by Charles H. Werner, of Route 1, Troy, Doniphan county. It showed all kinds of breeding and quality. Either ear would have been considered of outstanding merit at any corn show, whether boys' or men's corn.

Paul Gilman, of Leavenworth county, who won the \$25 cash prize for the best ear from seed raised by the exhibitor, had the second best ear at last year's show. Two years ago he won honorable mention, and three years ago he won a Capper prize at the state corn show.

In a later number of the Mail and Breeze a complete report of the boys' corn show will appear and this year's winners will tell how they did it. Following are the names of the 1912 prize takers and those who were near enough to be "warm:"

## BEST ACRE YIELD.

Frank E. Chandler (age 19), R. 2, Emporia, Lyon county, Kansas, 85 bushels 7 pounds, prize \$50 cash.

## HONORABLE MENTION.

Lester W. Robinson (age 16), Traer, Decatur county, Kansas, 78 bushels 30 pounds.

Walter Benninghoven (age 17), Long Island, Phillips county, Kansas, 76 bushels 40 pounds.

Ray E. Rudy (age 19), Soldier, Jackson county, Kansas, 73 bushels 60 pounds.

## CHAMPION EAR.

Lowell Short (age 13), Assaria, Saline county, Kansas, prize \$25 cash.

## HONORABLE MENTION.

Charles H. Werner, R. 1, Troy, Doniphan county, Kansas.

Myron Gilman, R. 1, Leavenworth, Leavenworth county, Kansas.

Vernon E. Paine, Admire, Lyon county, Kansas.

J. Clarence Wilke, R. 5, Troy, Doniphan county, Kansas.

Edward Alexander, Valencia, Shawnee county, Kansas.

Henry Madison, Valley Falls, Jefferson county, Kansas.

Charles Madorin, Valley Falls, Jefferson county, Kansas.

## BEST HOME-BRED EAR.

Paul Gilman (age 20), R. 1, Leavenworth, Leavenworth county, Kansas, prize \$25 cash.

## SHAWNEE COUNTY.

Champion Ear—Myron S. Kelsey (age 18), R. 6, North Topeka, Kan., prize \$25 cash.

Second Best Ear—Lester Goodell, R. 16, Tecumseh, Kan., prize \$15 cash.

Third Best Ear—Lloyd A. Kelsey (age 15), R. 6, North Topeka, Kan., prize \$10 cash.

School Exhibit—Flag won by District 34, Rossville, Kan.

## HONORABLE MENTION.

Edward Alexander, Valencia, Kan.

Ora Parr, Rossville, Kan.

Pheane Ross, Rossville, Kan.

Robert Dalley, R. 3, North Topeka, Kan.

Charley Cusic, Tecumseh, Kan.

The Fifth Annual Show of the Capper Boys' Corn Club was held Saturday, December 14, according to program in the Capper building at Topeka. The corn was on view for two days and was seen and examined by hundreds of persons, many of them corn experts. It was judged by H. R. Nelson, one of the judges of the National corn exposition at Omaha in 1909. The entries were single ears and numbered several hundred. They were from all parts of Kansas. Poor seed, resulting in thin, weak stands, also trouble with chinch bugs, prevented many of the boys from showing. But the quality of the corn was the best the club has ever shown and not a worm-marked ear was to be found.

the regular carrier. Where there is no delivery system the parcels will go to the post office to be called for as in the case of regular mail.

The new parcel post stamps will be red in color, in all denominations, and will be 1 by 1½ inches in size. They will be put out in 12 different denominations—1, 2, 3, 4, 5, 10, 15, 25, 50, and 75-cent, and \$1 values. They cannot be used for anything but fourth class mail, nor may any other postage stamps be used on parcels. When postage is to be collected at the other end a green stamp must be put on. These will be known as "postage due" stamps.

## Missouri Fears the Chinch Bug

Mr. Editor—The chinch bug cost the state of Missouri approximately 5 million dollars this year. Unless immediate steps are taken to destroy the swarms which are living over during the winter, this loss will be greatly increased next year. The insects hide deep down in clumps of grass, under leaves and rubbish. Wherever they are found, the field should be burned over immediately and carefully so that every possible shelter will be destroyed. Burn when the wind is not too strong so that the heat will penetrate the clumps of grass and make a clean job. Farmers should co-operate in burning over all public highways and railroad rights-of-way in the infested regions. A large per cent of the millions of hibernating bugs will be killed by the heat directly and many more left exposed to the winter.

L. Haseman.

Missouri Agricultural College.

## What a Soil Survey Showed

A preliminary report has been made by the U. S. department of agriculture on the soil survey of Shawnee county, Kansas, completed a year ago. It shows that the crops best adapted to the soils of the county are corn, wheat, alfalfa and grasses, with the river bottom especially good for potatoes and nursery stock. The crops now grown in the county in the order of their importance are corn, prairie hay, nursery stock, alfalfa, potatoes, Kafir, wheat, orchard products, oats, sorghum, and millet. The survey was made jointly by the department of agriculture and the Agricultural college. A population of more than 61,000 was enumerated. There are 116 miles of railroad in the county.

## SIX SILVER NARCISSUS TEASPOONS FREE.

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

# All Ready For Parcel Post

You'll Soon Be Licking Big Red Stamps.

Next Wednesday week, which will be New Years day, you can mail a dozen eggs anywhere within 50 miles of your postoffice for about 6 cents, if you have the eggs and the money. When the parcel post goes into effect on New Years day every postoffice in the United States will be provided with its own "zone map" of which it will be center. This means that the limits of your first zone will be 50 miles in any direction from your postoffice. And here, once more, are the rates:

## ZONE RATE (CENTS).

	(*) 1st.	2d.	3d.	4th.	5th.	6th.	7th.	8th.
1 lb.	5	5	6	7	8	9	10	11
2 lbs.	6	8	10	12	14	16	19	21
3 lbs.	7	11	14	17	20	23	28	31
4 lbs.	8	14	18	22	26	30	37	41
5 lbs.	9	17	22	27	32	37	46	51
6 lbs.	10	20	26	32	38	44	55	61
7 lbs.	11	23	30	37	44	51	64	71
8 lbs.	12	26	34	42	50	58	73	81
9 lbs.	13	29	38	47	56	65	82	91
10 lbs.	14	32	42	52	62	72	91	\$1.01
11 lbs.	15	35	46	57	68	79	\$1.00	\$1.11
12 lbs.	16	38	49	60	71	82	\$1.11	\$1.32

\*Local rate, first zone.

Parcels weighing 4 ounces or less will be mailable at the rate of 1 cent for each ounce or fraction of an ounce, regardless of distance. Parcels weighing more than 4 ounces will be mailable at the pound rate, as shown in the table, and when mailed at this rate any fraction of a pound will be considered a full pound.

Perishable articles such as butter, lard, fruits, berries and dressed fowls may be sent short distances.

Eggs for local delivery when packed in containers may be sent. When packed separately they may be sent any distance.

Fresh meats may be sent only in the first zone, 50 miles.

The following may not be sent: Intoxicating liquors, poisons, matches, explosives, firearms and live poultry.

Books and printed matter are included in third class and may not be sent.

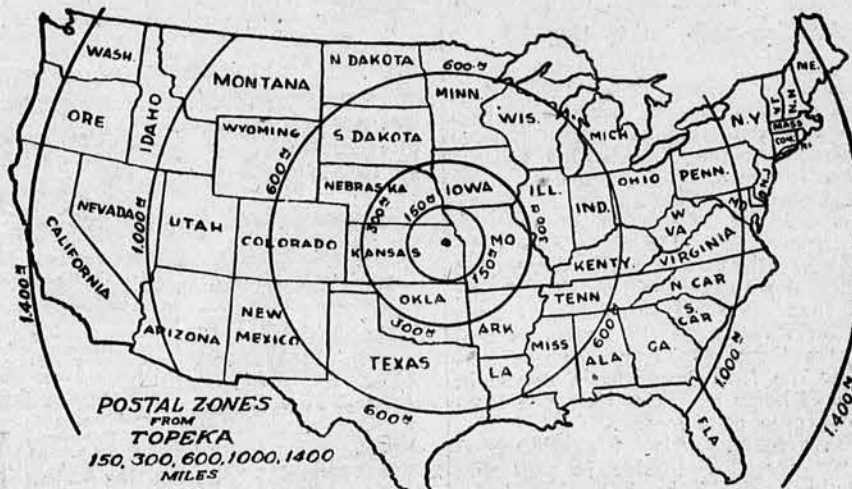
The weight limit will be 11 pounds.

To find the size limit: Take a piece of string 72 inches long and wind it once completely around the parcel and then across the top lengthways. If the ends of the string reach the sides of the parcel it comes under the limit.

For a fee of 10 cents a parcel may be insured, and if the parcel is lost in the mails an indemnity to the amount of its value, not to exceed \$50, will be paid to the sender.

To find the postal rate to any point in the country, the clerk or postmaster will simply need to look up its location and the zone in which it appears will at once indicate the rate. A zone map of the Topeka postoffice is shown herewith. The maps with accompanying guides will be sold to the public by the postoffice department, at their cost, 75 cents each.

People living on rural or star routes, or in cities having free delivery, will have their parcels delivered to them by



Parcel Post "Zone Map" of the Topeka postoffice, showing the first five zones, there are eight in all. Each postoffice in the country will have its own zone map of which it will be the center. Inside the first circle the rate is 5 cents for the first pound and 1 cent per pound, or fraction thereof, for every pound over that up to 11 pounds, the limit in weight.

# Cushion Shoes for tender feet

Many thousands now wear Mayer Yerma Cushion Shoes for comfort and for relief from ailments due to sensitive feet. These are scientifically constructed cushion shoes designed to conform to the shape of the foot, providing a perfect fit and giving extreme comfort. The pillowy cushion soles are built in, which holds them in place.

**Mayer**  
**HONORBILT SHOES**

## For Men—Women—Children

Mayer Yerma Cushion Shoes are now accorded first consideration among cushion shoes on account of their excellent style, comfort and wear. They belong to the Mayer Honorbilt line, which insures their high quality. If you have foot trouble, or want solid comfort, wear Mayer Yerma Cushion Shoes.

Ask your dealer for Honorbilt Shoes. If not obtainable, write to us.

WARNING—Be sure and look for the Mayer name and trade mark on the sole.

We make Mayer Honorbilt Shoes in all styles for men, women and children; also Drysox and Martha Washington Comfort Shoes.

FREE—Send name of dealer who does not handle Mayer Honorbilt Shoes and we will send you free, post-paid, beautiful picture of Martha or George Washington, size 15x20.

F. Mayer Boot & Shoe Co. Milwaukee



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Big Money in Auto Business. Travel, get good pay, run garage or auto livery. FREE illustrated book tells all. You can learn in a few weeks at home or in our shops. Write for information today.  
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Largest and Best Equipped School in the World.  
(Conducted by CLIFF HOGAN.)  
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## Farmers Sons Wanted

with knowledge of farm stock and fair education to work in an office; \$20 a month with advancement; steady employment, must be honest and reliable. Branch offices of the association are being established in each state. Apply at once, giving full particulars. The Veterinary Science Association, Dept. 22, London, Canada.





## 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.

### Oil Cake for Mares.

Is it well to feed oil cake to a mare in foal and how much should be fed?—F. G. L. Hutchinson, Kan.

Where good bright alfalfa hay is available for feeding brood mares it is seldom desirable or necessary to add oil meal to the ration. A certain quantity, not to exceed a pound daily, is often desirable.

G. C. Wheeler.

### Corn and Milk for Shoats.

Will it hurt shoats 2 or 3 months old to have all the corn they want? I am feeding them all the skim milk they care to eat.—H. F. B., Ramona, Kan.

If it is your purpose to finish these shoats for market as soon as possible feed them all the corn they will clean up with relish. Skim milk is one of the best of feeds for balancing the corn ration for hogs and you are fortunate in having a plentiful supply of it available.

G. C. Wheeler.

### Winter Feeding of Milk Cows.

How large a feed of cottonseed cake is best for a milk cow and how much of it should be given if used in a mixed feed? Is it a good feed to produce butter fat?—F. G. L. Hutchinson, Kan.

Cottonseed meal or cake is a very concentrated feed and should never be fed in large amounts. It is very rich in digestible protein containing about 37 per cent. The amount of grain or concentrated feed to give a milk cow depends to a considerable extent upon the productive capacity of the cow and how long she has been in milk. It is desirable to feed cows all the roughness they will clean up at all times, and there is no better combination of roughness than alfalfa hay and corn silage. For the average farm milk cow a ration of this kind will hardly need extra grain or concentrated feed. If the cow is a heavy milker she cannot obtain a sufficient amount of nutrients from rough feed alone.

A grain ration fed with good success at the Kansas station consists of a mixture of 4 parts corn chop, 2 parts bran and 1 part cottonseed meal. This ration is given to the cows at the rate of from 2 to 10 pounds daily. A good rule is to give a pound of grain daily for each 3 or 4 pounds of milk the cow is producing. In determining the amount which it is profitable to feed it is necessary to observe the cow closely noting whether the increase in grain ration is being responded to by increase in milk flow. If it is noted that the cow is laying on body flesh or fat it is an indication she is being fed more grain than she can profitably use for milk production. It is easily possible

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**C. W. Swingle, 323 So. 9th, Lincoln, Neb.**

to overfeed the cow of low productive capacity. The cow of high capacity is often underfed. As long as the cow has added the capacity for converting feed into milk it is profitable to supply that feed. Withholding feed from such a cow is short sighted policy.

Cottonseed meal has a hardening effect upon the butter fat and for that reason it is not so desirable for winter feeding, especially if the butter is made upon the farm.

### Better Feed Than Sell Kafir.

Mr. Editor—Oklahoma will produce this year at least 50 million bushels of Kafir. Over a million acres of land on which wheat was winter killed in Kansas were planted last spring to Kafir, in addition to the usual acreage, and the state will produce this year at least double the usual quantity. Until this year practically all the Kafir and milo shipped to market was used in poultry feeds, and the supply has never been equal to the demand. Kafir is worth to feed horses, dairy and beef cattle, hogs and sheep from 5 to 6 cents a bushel less than corn. It will have to be sold this year on the basis of actual feed value, as there will be two to four times the usual quantity raised, and the poultry feed market can not absorb it. Growers and grain dealers have tried to force the market and Oklahoma and Texas grain dealers have deluged buyers in all markets with hundreds of letters asking for immediate bids. This senseless forcing of the market is likely to cut the price for several months and is utterly foolish as if these grains are offered slowly the entire quantity to be marketed can be absorbed at a reasonable price.

Any time during the fall or winter, after the grain has passed through the sweat, Kafir may be threshed. The grain, as soon as threshed, should be thoroughly cleaned, as dirt and trash make it heat quickly as soon as it reaches a damp climate. These grains should not be shipped on consignment. Fair samples of each carload should be sent to buyers with a statement of the price asked.

H. M. Cottrell.

Agricultural Commissioner, R. I. Lines.

### Kansas Serum for Iowa Hogs.

Kansas is helping Iowa to check the hog cholera epidemic in that state with some of the surplus serum manufactured at Manhattan. The plague is taking hundreds of thousands of hogs on Iowa farms and only commercial serum is available in Iowa. It costs about three times as much as that made by state plants and is not dependable at that. Kennedy, of the Iowa college, estimates the cholera's 1912 toll on Iowa hogs will reach 1 million head, worth not less than 12 million dollars. An effort will be made to have an adequate appropriation provided by the coming legislature to fight the disease on the same basis that Kansas is carrying on its crusade.

The serum plant at Manhattan has caught up with the demand in this state and now has a large surplus stored. With all possible needs provided for, Dr. Schoenleber decided it would be the neighborly thing to offer Iowa the surplus product of the state's plant. The Iowa authorities at once telegraphed their acceptance of the offer. "Dr. Schoenleber's action is as fine as it is unusual," said Director Kennedy. "Iowa farmers will surely appreciate it."

### Avoiding and Curing Hog Ills.

[Prize Letter.]

Mr. Editor—When you notice hogs becoming unthrifty and suspect worms, take a handful of home grown tobacco or a 10-cent plug of chewing tobacco and boil it in a small amount of water for 15 minutes. This amount is enough for a dose for 10 small shoats but for full grown hogs the dose should be doubled. Mix this in a 3-gallon bucket of rich slop so they will eat it and you will soon see some sick hogs. I have had them vomit up the worms as well as pass them off through the bowels. Follow the first dose with a second in about 48 hours and after that give them a dose once each month.

I have found Lewis lye another good remedy for this trouble in pigs and fattening hogs. I give it to them twice a week, a tablespoonful to 4 gallons of rich slop for every 10 hogs. Have the lye well dissolved and well mixed in the slop.

For thumps in pigs or sows, or when

they seem dumpish for any reason and refuse to eat, I give ¼ teaspoonful of white hellebore in a pint of sweet milk to each hog separately if possible. I once had 60 small pigs vomiting and scouring and neighbors said they had cholera. I gave them the white hellebore in sweet milk and although some could not stand up I did not lose one.

Hogs are heavy eaters and that is why they get out of fix so easily. Keep their stomachs sweet and their bowels free from worms and hog cholera will seldom bother you. Let them have fresh drinking water with a pint of slaked lime put in the trough once a week. Baking soda also is good to put in the drinking water.

Hartford, Kan.

C. B. Corbin.

### Make K. C. an Open Hog Market.

The national bureau of animal industry will establish a station in Kansas City where exhaustive experiments in vaccinating hogs against cholera are to be carried out. The government expects to prove that hogs vaccinated by the simultaneous or double method may be safely shipped anywhere without contracting the cholera any time after treatment. This, it is believed, will ultimately make an open hog market of Kansas City just as it now is for cattle. At the present time hogs sent to Kansas City cannot be re-shipped in case of a glutted market or for other reasons, and often shipments must be sold at ruinous prices as there is no other way out of it. This law is based on the theory that hogs cannot be taken through the big hog yards and escape the disease. Since the government experiments are likely to show that proper vaccination renders a hog immune for life, it is expected this ruling will be repealed.

### ALL FOR \$1.10

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KANSAS WEEKLY CAPITAL is the largest and best weekly newspaper published in the state. Its pages are full newspaper size, and are filled with the latest Kansas and state capital news items, market reports, etc.

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## Dairy Farming

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

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

A bit of old cream may spoil the whole batch of butter.

The best milker in the herd doesn't always show the biggest udder.

There is no danger in underfeeding a separator but it may be easily overfed.

The dairyman who put his corn stalks into a silo is not worrying about stalk disease.

The Holstein breed was first heard of in the northern part of Holland 2,000 years ago.

To keep the cream from splashing out of the dash churn try pinning a folded newspaper around the top.

I find it best to churn in the afternoon in winter and in the morning in summer. —Lily B. Crampton.

Cowpea hay has a feeding value almost equal to clover or alfalfa, pound for pound, and very little more need be fed to obtain the same results.

Ten bushels of corn will make about 100 pounds of pork but when there is plenty of skim milk to feed with it, 7 bushels will make the same gains.

City cow owners are glad to get rid of calves as quickly as possible and very often a good heifer calf may be picked up in town that will make an A No. 1 cow.

### Simple Remedies for Scours.

Mr. Editor—I find that scours in calves is not caused by the character of the milk so much as the time and manner of feeding it, although cold milk is sometimes responsible. When very hungry calves will often drink too fast and too much, gorging their stomachs and paralyzing the digestive functions.

A good treatment for scours is 3 drams of carbonate of soda mixed in well boiled flour and given once a day. A tablespoonful of rennet after each feed of milk will aid digestion by decomposing the milk and fitting it for assimilation. Another simple remedy is to mix a well beaten egg with a small amount of flour and give this with a feed or two of milk. Belle Plaine, Kan. G. H.

### Calf Feeding Ways and Means.

[Prize Letter.]

Mr. Editor—For the last four years we have had exceptionally good luck raising calves. We have had no sickness among them and no losses. We let the calf run with the cow until the milk is good but

strip the cow night and morning, the strippings being saved and fed to the calf after he is taken from the cow. After the calf gets to drinking well we start with 1 pint of separator milk warmed, 1 teaspoonful of shorts and enough whole milk added to make a feed. No set amount is fed to each calf as there is quite a difference in the quantities they need. The skim milk and shorts are gradually increased until at 18 or 20 days the calves are getting only skim milk and a handful of shorts each. A good many people fail right here as they think that by feeding all the skim milk the calves want, quantity will make up for quality. They overfeed, upset the calf's digestive organs and make him pot-bellied.

We keep on increasing the allowance of shorts, until at 6 or 7 weeks we are giving 3 good handfuls at a feed. We keep some kind of roughage before the calves and they soon learn to eat. By this method we have the use of the cow's milk as soon as possible and it insures good growth in the calf at small expense of feed. The shorts can be bought anywhere which cannot be said of oilmeal or other calf feeds. Our calves do better on shorts than they ever did on oilmeal. Foam should always be removed from separator milk before feeding.

Hays, Kan. Mrs. B. C. Moore.

### Dairy Discussion Topics

We want Mail and Breeze readers who have made money with cows to swap their experiences and ideas on this page. The list of questions given is merely suggestive, but the best letter on each question will draw a year's subscription to the Mail and Breeze, and every other good letter will be entitled to a premium of some kind. Let us hear from you.

What are your winter feeds for cows that have paid best in milk and cream produced?

What is your plan of calf feeding and what do you do with calves to get the most profit out of them?

What is the good word from silo users? Is a silo worth the expense of building and filling on the average farm?

Letters on things to remember in running and keeping the separator in order, are in season summer and winter. Has your separator proved a good investment?

In what way may a farmer in ordinary circumstances best improve on the kind of cows he keeps? If you have a herd of good producers give your experience.

How do you dispose of your dairy products—by selling cream, butter, or milk? If you have the chance to do either why do you follow your present plan?

Describe any hand scheme or "kink" used in churning that shortens or lightens work with the cows. A rough drawing will help out your letter.

What is your biggest problem in the dairy business and how do you solve it? Or if you don't solve it, write it out, and between ourselves and about a host of readers perhaps we can help you out.

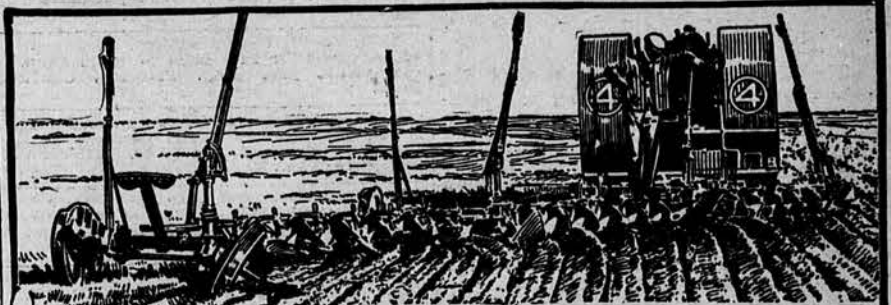
### The World's New Milk Champion

Milk and butter records are broken about as fast as they are made in these days of high development in dairy animals. The cow that is a world's champion producer today may lose the title tomorrow but the competition is healthy and the dairy industry makes progress. The new milk champion is "Creamelle Vale," raised and owned by Fred F. Field of Brockton, Mass. Her production of milk in one year amounts to 29,653.4 pounds. Her butter record is not given but was reported as very large. That

Creamelle Vale justifies her production is shown in the work of her dam, DeKol Creamelle's 20,123 pounds of milk. This marked a world's record in the annals of the breed, when made, which has been readily reproduced in the new world's champion, with a margin of over 3,500 pounds.

Dutchland Colantha Vale, daughter of Creamelle Vale and Colantha Johanna Lad, stands first among junior 2-year-olds, by her record of 89.6 pounds, her best day, 603.4 pounds in 7 days, and 2,438 pounds in 30 days, and is now in semi-official yearly work having produced in the first six months and two days, 12,650 pounds of milk.

Cut down feeding expenses by selling your empty bags. Write Fredonia Linseed Oil Works, Fredonia, Kansas, for prices.—Adv't.



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School of Gas Tractor Engineering second term opens December 2nd, third term Jan. 6. Fourth term Feb. 17. Fifth term March 10, at Minneapolis, Minn. Write Big Four Tractor Works, Minneapolis, Minn., for Particulars.

## Be Sure of Pure Soap—

Whether you prefer hard soap or soft soap for household use in your home its purity should be unquestioned. Cheap soap is dear at any price and is frequently made from diseased animal fats and other ingredients that are positively harmful to both skin and fabrics.

On the other hand, the soap you can make with Lewis' Lye is sure to be pure—better than the best and cheaper than the cheapest you can buy.

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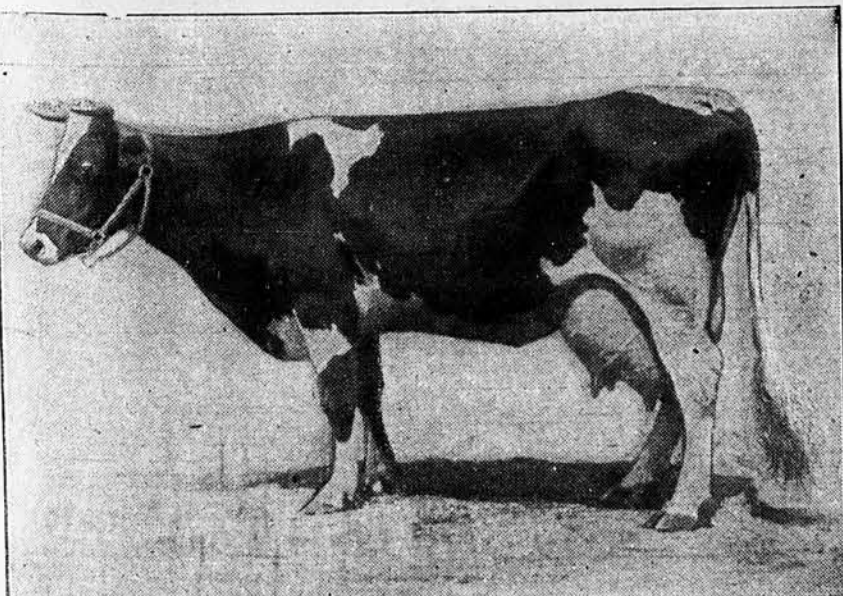
enables any woman to make hard or soft pure white soap for all household uses from scraps of meat and cooking grease which ordinarily would be thrown away as useless.

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- Cleaning
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Creamelle Vale, the Holstein Friesian that has made a new milk record with 29,653 pounds produced in 12 months. Her dam's record was 26,123 pounds of milk in one year.

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By Libbie Sprague Phillips.

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Here is a thrilling story of love, mystery and adventure that will grip your attention from the first word to the last. It is one of the greatest novels this famous writer has ever produced. Ruby Gordon, a poor orphan girl, becomes engaged to one of the young men in the town, who is the adopted son of a wealthy recluse. The old gentleman took a great dislike to Ruby Gordon because she reminded him of his wife who had left him years before and had been lost at sea in crossing the ocean; he felt that she was his wife's spirit reincarnated, and forbade Lawrence, his adopted son, to marry her, and made so much trouble that the young man finally broke his engagement and married another, but it is not their fate to so easily evade Ruby Gordon, as you will discover when you get your free copy of this great book and read the story yourself! Ruby Gordon will surely find a warm place in your heart—she is one of those sweet pure characters every reader admires. We purchased a large edition and will send the book free and postpaid to all who send 10c to pay for a 3 months' subscription to our big home, farm and news weekly. Send today. Address

Weekly Capital, Book Dept. RG-10, Topeka, Kan.





## Poultry Keeping

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

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

Meat scraps, oats, and wheat are egg making feeds. Corn makes fat and heat.

To make a hen lay in winter, she must first be made comfortable. Next comes the feed.

The Kansas law doesn't protect the skunk found prowling around the poultry house.

It is best to save eggs for early settings from the older hens rather than from pullets.

Feather pullers may sometimes be cured by hanging up a piece of tough meat for them to pick at.

For an occasional noon lunch for the layers, try some finely chopped alfalfa hay scalded and mixed in a wet mash of bran and corn meal.

If the weather is cold our evening feed for layers is mostly corn, and if moderate, Kafir is fed.—Bert White, Burlingame, Kan.

It is high time to take out the fountain waters and replace them with troughs or a bursted fountain will be the result some cold morning.

Attending the poultry shows is an education for the man or woman who keeps chickens. Better still, send a pen of birds and see how they rank with the best in your locality.

An opening at both the top and bottom of the poultry house door will provide good ventilation without a draft. The cool fresh air passes in at the bottom while the warm, foul air goes out at the top.

### Breed, a Secondary Matter.

Mr. Editor—I am of the opinion that the number of eggs laid is due more to the kind of feed and comfortable surroundings than to the breed of chickens kept. I also voice the sentiments of several articles in the Mail and Breeze, stating that hens are often overfed and are too fat to be profitable. I feed my laying hens nothing but the table scraps. I think much success with a flock of chickens is due to thorough culling. Keep only the very best. "Not how much but how good," is my watchword. I also think we should all plan to raise a few fries for home use. We would find that the eggs and meat furnished by our poultry are two important factors in keeping down the cost of living.

Mrs. C. E. Tibbetts.  
Cherokee, Kan.

## Reliable Poultry Breeders

### LEGHORNS.

S. C. B. LEGHORN cockerels. Henry Ketter, Seneca, Kan.

S. C. W. L. cockerels. Hens \$8.00 doz. Sarah Rollins, Gretna, Kan.

PURE Rose Comb Brown Leghorn cockerels \$1.00 each. Tillie Wilkins, Miltonvale, Kan.

ROSE COMB BROWN LEGHORN cockerels, \$2.00 and up. Mrs. John Holzhey, Bendena, Kan.

ROSE COMB BROWN LEGHORN cockerels cheap if taken soon. P. I. McEchron, Princeton, Kan.

S. C. W. LEGHORN cockerels. Celebrated Wyckoff strain. Good laying stock. Order early. Mrs. Lydia Fuller, Clyde, Kan.

SINGLE OR ROSE COMB Brown Leghorns for Utility, Show or Breeding Cockerels. Address The Ideal Stock Farm, Kiel, Okla.

200 SINGLE COMB BROWN LEGHORN cockerels and pullets. Can furnish utility or show birds cheap if taken at once. G. F. Koch, Jr., Ellinwood, Kan.

FOR SALE—A limited number of S. C. W. Leghorn cockerels that score from 91½ to 93, official score card. Also 100 hens and pullets not scored. E. L. M. Benfer, Leona, Kan.

## Reliable Poultry Breeders

### ORPINGTONS.

FOR SALE—Pure bred Buff Orpington cockerels. Address Mary A. Benedict, Lyons, Kan.

GERTRUDE GEER'S Gold Nugget strain Buff Orpingtons. Cockerels and pullets. Winfield, Kan.

BUFF ORPINGTON cockerels \$1 to \$1.50 each. Eggs in season \$1 a setting. M. M. Axtell, Sawyer, Kan.

EIGHTY choice Single Comb Buff and Black Orpington pullets and cockerels, farm raised. Flora B. Watson, Altoona, Kan.

CHOICE lot White Orpington cockerels for sale; Kellerstrass strain. Few late hatched pullets. Orpington Yards, Argonia, Kan.

ORPINGTONS, Buff, Black, White. Fine stock, reasonable prices. Satisfaction guaranteed. J. S. Walker, Joplin, Mo., Box 507.

EIGHT S. C. Black Orpington cockerels for sale. Cook's best strain. Price moderate. S. M. Neel, 3820 Harrison, Kansas City, Mo.

S. C. BUFF ORPINGTONS. A choice lot of cockerels for sale from \$1 to \$5 each. I can please you. Aug. Petersen, Churdan, Iowa.

S. C. BUFF ORPINGTON cockerels, farm raised fine healthy stock; correct size and color. For sale \$2.00 to \$5.00. Melissa Culver, Netawaka, Kan.

FOR SALE—A few pure bred White Orpington pullets and cockerels at \$1.00 to \$3.00 each. Satisfaction guaranteed. Geo. A. Howe, Kingman, Kan.

KELLERSTRASS Crystal White Orpingtons. Second prize yearling cock at Southwest Missouri Poultry Show held this month and six hens for \$20. W. E. Deemer, Carthage, Mo.

BUFF ORPINGTONS. Utility and high scoring show for sale cheap if taken at once. Satisfaction guaranteed or money refunded. Pleasant Hill Poultry Farm, Ellinwood, Kan.

### TURKEYS.

BOURBON RED turkeys. Ann M. Barker, Whitewater, Kan.

BOURBON RED gobblers, thoroughbred. Fay Egg, Turon, Kan.

WHITE HOLLAND turkeys. Wm. Speelman, Marysville, Kan.

BOURBON RED turkeys. Toms \$4.50. E. B. Schaffer, Lucas, Kan.

YOUNG BOURBON turkeys. \$9 trio. Mrs. Columbus Beauchamp, Belleville, Kan.

WHITE HOLLAND turkeys. Toms \$3. Hens \$2. Guy Schmitt, Mahaska, Kan.

MAMMOTH BRONZE young tom turkeys 24 lbs. \$4.00. Rosa Knoll, Holton, Kan.

BOURBON RED turkeys for sale. Miss Josie Johnson, Eureka, Kan., Rt. No. 4.

WHITE HOLLAND turkeys. Toms \$3.00. Hens \$2.50. Mrs. Ed. Blaske, Winkler, Kan.

FULL BLOOD BOURBON REDS. Mrs. F. H. Chamberlain, Sedan, Kan., R. No. 3.

A FEW A1 WHITE HOLLAND toms at \$5.00 each. Mrs. R. I. King, Burlington, Kan.

PURE BOURBON RED toms \$4. Hens \$3.50, fine color. Lorenzo Reed, Kanopolis, Kan.

MAMMOTH BRONZE toms. Large, well colored. \$5. Mrs. Helen Lill, Mt. Hope, Kan.

BOURBON REDS. Big boned, gentle. Farmers' prices. Francis Dutton, Penasola, Kan.

BOURBON REDS—20 lb. toms \$4.00; hens \$3.00; trios \$9.00. Mrs. John Jevons, Wakefield, Kan.

THOROUGHbred M. B. turkeys. Toms and hens. Mrs. J. W. Smith, Kinsley, Kan., R. No. 1.

THOROUGHbred Mammoth Bronze Turkeys, Toms \$5.00, hens \$3.50. C. E. Foland, Almena, Kans.

PURE WHITE HOLLAND turkeys; the best. Write Julia Westphal, Kinsley, Kan., Rest Haven Farm.

PURE BOURBON RED turkeys and S. C. Buff Orpington cocks for sale. Miss Mathilda Peterson, Simpson, Kan.

FOR SALE—Bourbon Red turkeys. Toms \$4.00 each. Mrs. Carrie O'Connell, R. R. No. 3, Box 66, Logan, Kan.

BOURBON RED toms four and five dollars each. Mrs. W. B. Atkinson, Independence, Kan., Route No. 7.

EXTRA FINE Mammoth Bronze turkeys. Twenty-one lb. toms \$4; thirteen lb. hens \$2. Alvin Hawkins, Harper, Kan.

THOROUGHbred Bourbon Red turkeys \$3 each. R. I. Red cockerels \$1 to \$2 each. Both combs. Maggie Conklin, Ogallah, Kan.

10 EXTRA FINE pure bred Mammoth W. H. toms for quick sale at \$4.50. Satisfaction guaranteed. Mrs. J. Lee Dunn, Russell, Kan.

PURE BOURBON RED turkeys. Lusty heavy boned young toms at \$4.00. Extra fine last year tom \$5.50. J. M. Nielsen, Marysville, Kan.

THOROUGH BRED Mammoth Bronze turkeys. From prize winning hens and a \$12.00 tom. Toms \$5.00, hens \$3.00. Mrs. Homer Rawlings, Bureka, Kan.

NARRAGANSETT TURKEYS—The largest gentle kind, equal to the Bronze in size and gentle as chickens. J. P. Hertzog, Independence, Mo., R. 3.

## Reliable Poultry Breeders

### PLYMOUTH ROCKS.

BIG TYPE BARRED ROCKS. A. H. Duff, Larned, Kan.

40 WHITE ROCK cockerels, for sale cheap. W. T. Blackwill, Quinter, Kan.

PURE WHITE ROCK cockerels for sale cheap. V. L. Mader, Collyer, Kan.

BARRED ROCK cockerels \$1.00. 6 \$5.00. Mrs. Owen Kaveney, Central City, Neb.

BUFF ROCK cockerels and pullets for sale. William A. Hess, Humboldt, Kan.

EXTRA CHOICE White Rock cockerels and pullets. D. J. Ward, Severance, Kan.

PURE BARRED ROCKS \$1.00 each, \$5.00 for 6. Peter Lungren, Osage City, Kan.

WHITE IVORY WHITE ROCKS, pure bred white birds. Miss Dolson, Neal, Kan.

CHOICE WHITE ROCK cockerels. Write for prices. Sidney Schmidt, Chillicothe, Mo.

FOR SALE—Fine early hatched Buff Rock cockerels. Mrs. W. A. White, Uniontown, Kan.

BARRED ROCK cockerels. Fine ones \$3.00 each, 2 for \$5.00. Alvis Bell, Larned, Kan.

PURE, FINE BARRED ROCK cockerels; early birds; \$1.00. Mrs. G. P. Field, Randall, Kan.

PURE BRED Barred Plymouth Rock cockerels \$1.00, \$1.50 and \$5.00 each. Mrs. C. N. Bailey, Lyndon, Kan.

WEIGHER-LAYER Barred Rocks. 96 premiums. Early birds \$2.00 up. W. C. Opfer, Clay Center, Kan.

FOR SALE—Big bone, vigorous Barred Rock cockerels. Right in quality and price. Mullis Poultry Farm, Dunbar, Neb.

WHITE PLYMOUTH ROCKS. Some choice pure white cockerels, cheap. Write for prices. Mrs. E. E. Williams, Sabetha, Kan.

MAMMOTH Snow White Rocks. Large, magnificently shaped cockerels \$3.00 and \$5.00 each. Charles Vories, Wathena, Kan.

600 BARRED ROCKS. Both matings. Bred from first prize winners. They will suit you. A. D. Murphy & Son, Essex, Iowa.

PURE White Plymouth Rocks. Cockerels, large, fine shape, bay eyes. Write for particulars. H. F. Leonard, Girard, Kan., R. No. 7.

BARRED ROCK cockerels, best strains, well grown, \$1 to \$2 each. We strive to please. Write your wants today. D. N. Hill, Lyons, Kan.

TWO BREEDS. Barred and White Plymouth Rock cockerels and pullets from prize winners. Write for prices. Henry Hicks, Cambridge, Kan.

IVORY STRAIN WHITE ROCKS. Big snow white cks. and pullets from first prize winners Kansas state show, 1912. Write Chas. C. Fair, Sharon, Kan.

WHITE PLYMOUTH ROCK cockerels, which are large, pure white and healthy with true Rock shape. 1, \$1.50; 2, \$2.75; 4, \$5.25; 6, \$7.50. Mrs. Walter Cline, Versailles, Mo.

### WYANDOTTES.

WHITE WYANDOTTE cockerels \$1.00 and up. H. C. Nielson, Osborne, Kan.

WHITE WYANDOTTE cockerels \$1.00 and up. Mrs. M. E. Johnson, Humboldt, Kan.

WHITE WYANDOTTE cockerels one dollar each. Mrs. J. H. Willig, Zeandale, Kan.

WHITE WYANDOTTE cockerels \$1.00 each. Mrs. E. J. Stambach, Sedgwick, Kan.

FARM RAISED, prize winning strain, W. Wyandotte cockerels. Mrs. J. M. Bullock, Winfield, Kan.

PURE BRED Rose Comb Silver Laced Wyandottes. Cockerels \$1.00 each. Guy Barnes, Milton, Kan.

PURE BRED WHITE WYANDOTTES. Cockerels \$1.50 to \$5.00 each. J. E. Gustafson, McPherson, Kansas.

WHITE WYANDOTTE cockerels. White Holland tom and Indian Runner drakes. Write Andrew Kosar, Glasco, Kan.

PARTRIDGE WYANDOTTES. Stock and eggs in season. Best bargains for those who buy early. Walter Dodson, Denison, Kans.

MICHIGAN STRAIN Rose Comb White Wyandotte cockerels. \$1.50 each. Excellent stock. Cyrus F. Jones, Oskaloosa, Kan.

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.

### LIGHT BRAHMAS.

BEST QUALITY of Light Brahmas for sale. Price reasonable. Mrs. Fred O'Daniel, Westmoreland, Kan.

### COCHINS.

PURE PARTRIDGE COCHIN cockerels for sale. Henry Snyder, Piedmont, Okla.

PARTRIDGE COCHINS for sale. Pure bred. Mrs. C. E. Wonderly, Benedict, Neb.

### LANGSHANS.

EXTRA BIG BONED, high scoring, greenish glossy, black eyed, Black Langshan, guaranteed. Osterloss Poultry, Hedrick, Iowa.

## Reliable Poultry Breeders

### DUCKS.

PENCILLED Indian Runner drakes. \$1.00 each. Paul Grill, Ellsworth, Kan.

INDIAN RUNNERS—Some very nice drakes, \$1.00 to \$3.00 each. No ducks. R. J. Shirk, Ramona, Kan.

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

THOROUGHbred Indian Runner ducks and drakes. \$1.00 each. Eggs in season. Mrs. Ala Sewart, Hollis, Kan.

INDIAN RUNNER drakes. Fawn and white, with dark heads and fawn tails. White egg strain. \$1.50 each. Mrs. Ed. Bergmann, Paola, Kan., Rt. No. 7.

### RHODE ISLAND REDS.

R. C. R. I. RED cockerels for sale. Fred B. Teague, Collyer, Kan.

GOOD R. C. RED cockerels \$2. Mrs. E. F. Weigle, Winfield, Kan.

ROSE COMB REDS. Satisfaction guaranteed. C. Wheeler, Argonia, Kan.

SINGLE COMB R. I. RED cockerels. \$1.00 each. Mrs. Louis McCollam, Kincaid, Kan.

GOOD Single Comb Rhode Island Red cockerels \$1.00 each. O. C. Duprey, Clyde, Kan., R. F. D. 5.

RO COMB REDS. A few choice cockerels for sale at one dollar each. Mrs. Jas. Shoemaker, Narka, Kan.

THOROUGHbred RED cockerels, both combs, good type, fine color and markings. \$1 to \$5. T. N. Marshall, La Cygne, Kan.

SINGLE COMB RHODE ISLAND RED cockerels for sale. Blue Ribbon strain. C. W. Murphy, 1750 Mass. St., Lawrence, Kan.

LENNAPPE STRAIN of Rose Comb Reds. Heavy laying strain. Large vigorous stock deep red color, absolutely no white. Mrs. A. L. Scott, Larned, Kan.

RHODE ISLAND REDS, both combs. Scored and unscored cockerels for fanciers and farmers at prices justifying one writing for. H. A. Sibley, Lawrence, Kan.

### SEVERAL VARIETIES.

ROSE COMB REDS, Silver Laced Wyandottes \$1.00. Mrs. Ola Elliott, Delphos, Kan.

SINGLE COMB BLACK MINORCAS. Guaranteed to satisfy. H. K. Rowland, Hanover, Kan.

KANSAS POULTRY FARMS, Emporia, Kan. Any variety chickens \$1.00. Turkeys Ducks. Quality, A1.

ROSE COMB WHITE LEGHORNS. Silver Spangled Hamburgs. Cockerels. Chas. Gresham, Bucklin, Kan.

LOW PRICES—Thoroughbred stock. Sixty varieties. Special list free. Jordan Poultry Farm, Coffeyville, Kan.

FOR SALE—White Orpington cockerels and Indian Runner drakes. Cheap if taken now. C. E. Reed, Norton, Kan.

S. C. BLACK ORPINGTONS, White Plymouth Rocks. Thoroughbred stock. Mrs. Jas. Cumming, Adair, Okla.

S. C. BUFF ORPINGTONS, B. P. Rocks and large White Holland turkeys. Write James Meberg, Everest, Kan.

CHOICE Single Comb Brown Leghorn and Buff Orpington cks. and hens \$1 to \$5. Mrs. Mattie Story, Cleo, Okla.

SINGLE COMB BROWN LEGHORNS. Bronze turkeys. Satisfaction guaranteed. Chas. Lorenz, Hitchcock, Okla.

WHITE ORPINGTONS (Kellerstrass) and White Wyandottes. Scored stock for sale. Write for prices. Mrs. M. Garnant, Kidden, Mo.

STOCK AND EGGS from Black Orpingtons, White Plymouth Rocks, Light Brahmas. Write for prices. L. Gray, Admire, Kan.

INDIAN RUNNER drakes, Barred Rock and White Cochins Bantam cockerels. Eggs in season. Harry E. Duncan, Humboldt, Kan.

43 VARIETIES, Poultry, Pigeons, Ducks, Geese, Turkeys, Guinea, Incubators, Dog Catalogue 4 cents. Missouri Squab Co., Kirkswood, Mo.

DARK CORNISH INDIAN GAMES. Twenty-five cockerels for sale. \$1.25 each. Send money with first letter. J. P. Bridges, Douglass, Kan.

SPLENDID Topeka prize winning, winter laying S. C. Black Orpington (to 14 lbs.) and White Leghorn males; M. B. turkeys, cheap. Cora Gladish, Jas. Gladish, Higginsville, Mo.

## BARRED ROCK COCKERELS

Hatched from prize winners and special mated pens. Large, vigorous fellows, splendid markings. Prices \$2 up. Describe wants. C. C. Lindamood, Walton, Harvey Co., Kan.

## TURKEY BARGAINS

500 M. Bronze, 300 White Holland, 200 Bourbon Red, also several thousand cockerels of Standard Poultry. Write for descriptive circular and prices. Address

W. F. HOLCOMB, Mgr., Nebraska Poultry Co., Clay Center, Nebraska.



## Poultry Discussion Topics

This page is a clearing house for ideas and experiences in poultry raising and the greater the number that take part in its helpful discussions the better the department will be. We can use a few more short, crisp letters each week and would like to hear from you on one or more of the subjects given below. A year's subscription or renewal to Mail and Breeze will be awarded for the best letter on each topic and second and third best letters will draw a year's subscription to Poultry Culture magazine. The topics given are merely suggestions. Don't limit yourself to them if you have anything else in mind.

How do you feed and care for the flock in cold weather to make them lay?

What is your plan of winter housing to make the quarters comfortable? Who is using the open front plan of house?

When do you start off the incubator and what methods of handling it have brought the best hatches?

How do you supply green food and meat to the flock during the season of year when these are not to be had on open range?

What plan of turkey feeding and care do you follow to get the largest proportion of birds to maturity?

Whether hatched by machine or hen, what line of procedure do you follow from the time the chicks break out of the shell until they are able to shift for themselves, so as to raise the greatest possible per cent?

What system of care, feeding, or doctoring do you find most effective in keeping the birds in healthy condition or in curing up the various ills a flock is heir to? A chapter on fighting vermin will also be welcomed.

### First Season At Caponizing.

[Prize Letter.]

Mr. Editor—I had read the articles on caponizing in the Mail and Breeze for six years and had been thinking seriously about trying it myself, but I never got any farther than thinking about it until last spring. At that time a man was going over the country offering to caponize broilers at 10 cents each or \$1 per dozen. This made me decide to do the work myself and I ordered a set of tools. It was late in June when the tools came. I followed the directions closely but

## The Poultry Advertising Season is Here. Farmers Mail and Breeze is the Best Medium

All indications point to a better season for the poultry business than a year ago. That means better results for Farmers Mail and Breeze poultry advertisers. This paper continues to be, as for years past, the leader in its class as a poultry advertising medium. It carries the most poultry advertising among farm papers because it gives the best results. Most of its circulation is in Kansas and Northern Oklahoma, and there isn't any better poultry territory anywhere. No other farm paper covers any state so well as Farmers Mail and Breeze covers Kansas. Other poultry breeders are building up a good, steady year after year business by advertising in this paper. Why not you?

### HERE IS PROOF THAT IT PAYS.

We advertised last spring in 10 farm papers and poultry journals and your paper headed the list in both inquiries and orders. When we have anything to offer we certainly will advertise in Farmers Mail and Breeze.—Armstrong Brothers, Arthur, Mo., Oct. 8, 1912.

The ad I inserted in Farmers Mail and Breeze was entirely satisfactory, as it brought me more orders for poultry than I could fill. Could have sold double the amount of poultry if I had had it to spare. I may send you an egg ad next spring.—Mrs. H. F. Arnott, Sabetha, Kan., Oct. 8, 1912.

We had a prosperous season again this year. We will want space in the paper again next year. We find it always pays well.—Mrs. C. S. L. Wade, Miltonvale, Kan., Oct. 10, 1912.

I have received better results through Farmers Mail and Breeze than through any other paper.—Herbert Rowland, Hanover, Kan., Oct. 10, 1912.

Here is a little ad. Run it until I tell you to stop. If inquiries come in as fast as they always do when I advertise my Mottled Anconas in your paper, you will not need to run it long.—W. H. Hardman, Frankfort, Kan., Oct. 19, 1912.

Since the middle of April I have had all the business I could take care of and of course Farmers Mail and Breeze was responsible for the largest share of it.—Chas. J. Cook, Marysville, Kan., May 31, 1912.

Circulation Over 104,000 Copies Each Issue Positively Guaranteed

We have a special, low rate on poultry advertising. Write for it to

**Farmers Mail and Breeze**  
Topeka, Kansas

killed the very first bird operated on, before it was off the table. This was discouraging but I went ahead and out of 20 birds caponized at that time I killed only two. These were not lost since they made good fries just the same. During July and August I caponized 39 more, killing three out of this lot. Only two developed into "slips." These capons now weigh 6 to 9 pounds each and I have just had prices quoted from a Kansas City dealer of 22 to 24 cents per pound live weight. I shall market them soon and will then write another letter on this subject.

Mrs. Edward Brown.

R. 1, Maple Hill, Kan.

### Purebreds Help Out Profits.

[Prize Letter.]

Mr. Editor—I find the most profit in keeping a fair-sized flock of purebred hens and enough cockerels, of the best to insure strong, fertile eggs. If bought in the fall from a reliable breeder, one should be able to get fine, utility birds at from \$1 to \$2 each, especially if five or six are bought at one time. This will also save express charges.

Keep only one breed and give them the range of the farm. To keep more than one breed means yarding and this causes a lot of extra work. I find it best to keep all poor specimens closely culled out. Select the best hens and mate them with good cockerels, then advertise in the farm papers, offering your eggs for hatching at reasonable prices. In this way one can sell many settings and also keep an incubator for early hatching. Surplus eggs can be sold on the market and if one does not want them to be bought out of the store for hatching, put the eggs into a box of salt over night before selling. It is well to acquaint your neighbors with this fact.

As to breeds, each one has its boosters and any of the standard breeds are good. Where eggs are wanted I find Brown Leghorns are hard to beat. My brown layers are never off duty long at a time and they seem to take a delight in filling the egg basket. I also have the White Plymouth Rocks and like them fine. They lay well and are good rustlers and the young stock grows off fast.

When one keeps purebreds, a large number of birds may be sold for breeding purposes at three or four times market prices. At the same time it costs no more to raise a purebred than a scrub after you have the stock to begin with. The purebreds are just as easy to keep, lay just as many eggs, are just as good to eat, and look much prettier.

Lowrey, Okla.

Mrs. L. Y.

### Getting Eggs at 45 Cents.

Mr. Editor—Since the weather has been growing colder I feed my flock accordingly. Their morning meal consists of wheat, oats, and cracked corn thrown into a dry litter. At noon they get corn on the cob, and at night they have steamed oats mixed with bran, middlings, corn meal, and a little green cut bone. They have plenty of warm water and their quarters are kept clean. I am getting plenty of eggs by these methods and they bring 45 cents a dozen.

Bedford, Ohio. M. A. Stuewa.

### Where the Leghorns Excel.

Mr. Editor—I am often asked which is the best breed of chickens to keep on the average farm. I can only give my own experience and that from the farmer's point of view as I am a farmer's wife and was a farmer's daughter. I have kept chickens of some kind ever since I was 8 years old. First they were scrubs, for my parents were not such big chicken cranks as I am. When married I was presented with a dozen purebred Barred Rocks. Later I added some pure White Wyandottes, and still later some Langshans. Not satisfied with the profits I started in with Brown Leghorns 10 years ago and all the others had to give way to them.

Later I caught the Rhode Island Red fever but became convinced they are not as good for the average farm as the Leghorns. The Leghorns are much the best rustlers and can be fed for less money for that reason. Their natural inclination is to scratch for themselves which is one of their strong points except when you find them in your early lettuce bed. It is their habit of thrift and work that makes them the egg machine you are and it is the eggs we want

to produce on the farm rather than meat. All other breeds have their strong points. I am merely stating which breed I believe to be the best for the average Kansas farm.

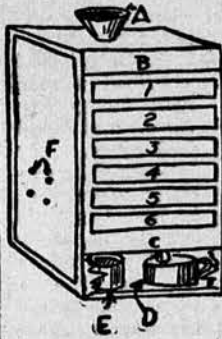
Mrs. Will Robins.

R. 1, Cimarron, Kan.

### Oat Sprouter for Green Feed.

[Prize Suggestion.]

Mr. Editor—All poultry raisers are beginning to appreciate the value of sprouted oats for hens in winter. I made a sprouter of my own as shown in the drawing. It is a box 20 by 20 inches and 36 inches high. It is large enough to supply 50 to 75 hens with sprouted oats every other day. There are six drawers in the box, each 2 inches deep with window screen for bottoms. A is a funnel into which





## Double Your Profits

**A Mail and Breeze Plan to Help Our Poultry Raisers Increase Their Earnings in the New Year**

**HOW** would you like to realize, say a profit of \$400 per year from a flock of 100 hens, or \$200 from 50 hens or \$100 from 25 hens?

Last year a farm woman in Kentucky proved it could be done if you know how to combine feeding and housing with the laying qualities of the hens.

There never was a greater opportunity since the world began to make money with a few or many chickens, for those who know how, or are striving to learn the secrets of the business as taught day after day in Mother Nature's school on the farm.

The great shortage of beef and pork, the higher prices of all other meat, compared with chicken, are creating an enormous demand and better prices for eggs and poultry than ever known before.

And the establishment of the parcel post certain soon to open a ready and direct cash market in towns and cities between producer and consumer for all poultry products.

### You Can Double Your Profits

To help the Mail and Breeze family double its poultry profits and to find out some much needed facts about the why, the how and the cost the Mail and Breeze will in February begin the most intensely practical, valuable and instructive laying, housing, feeding, hatching and poultry-management contest that has ever been attempted. It will be a contest of all methods and conditions, the aim being to find the practical, profitable, better way in every instance.

The laying contest and tests will be conducted on a 20-acre Shawnee county farm hereafter to be known as the Mail and Breeze Experimental Poultry Farm, which is now being fitted for this demonstration work. The contest, tests and experiments will be conducted by Reese V. Hicks, president of the American Poultry association, Ralph H. Searle, associate editor of Poultry Culture Magazine, with which the Mail and Breeze is affiliated, and an advisory committee of other poultry authorities. Reports of progress made each week will be published in the Mail and Breeze.

### Six Breeds Will Be Entered

The pens will be five females and one male, two pens each of Barred Plymouth Rocks, Rhode Island Reds, White Orpingtons, White Leghorns, White Wyandottes and Black Langshans, 72 birds in all. Accurate records by means of trap nests will be kept of the number of eggs each hen lays; what per cent of them hatch, what per cent of the chicks live, and how they thrive; at what dates chicks of the same age reached given market weights; the weight of feed consumed; cost per egg and per chick raised, etc.

### Experiment 1, Laying Contest

This contest will include one pen each of the most popular varieties, contest to be extended over a period of one year. All pens to be given the same treatment, feed, etc., and good care such as every one ought to give his flock. The purpose of this contest will be: First, to demonstrate which variety will produce the largest number of eggs in one year with the right kind of care, feed, housing, etc. Second, to demonstrate how much is the cost by not giving the flock the right kind of care. Reports will be published frequently in the Mail and Breeze, the idea being to give out all information of benefit to poultry raisers at the earliest possible moment.

### Experiment 2, Management

The purpose of this experiment in which one pen each of the same varieties used in Experiment No. 1 will be en-

tered, will be to show the effect of various conditions of feeding, housing, etc., upon egg production. For instance, one pen will be compelled to rough it. Picking up its own living on the range and getting water from the creek. Another pen will be kept closely confined to test the claims of the exponents of the intensive poultry culture. Still another pen will be kept partly confined, a good yard being provided, and good feed given. By following the frequent reports to be issued on this experiment, every poultry raiser will be able to correct or better his own methods of management and largely increase his profits.



R. V. HICKS R. H. SEARLE

Who with an advisory committee of other poultry authorities will conduct the Mail and Breeze laying, feeding, housing, hatching and fertility contest to determine the most profitable method of handling farm poultry.

on the fertility of eggs desired for hatching purposes. Records of weaklings and chicks that die in the shell will be kept. In these fertility tests, both hens and incubators will be used to note the efficiency, or the difference, between natural and artificial incubation. A series of very practical and much needed experiments of this nature will be worked out early to indicate which are the best methods of hatching and handling. This has never before been attempted and invaluable discoveries to Mail and Breeze poultry raisers are sure to be made public in the hatching season just when most needed.

### Experiment 4, Brooding

The greatest drawback to the successful use of incubators and brooders is the large mortality of chicks during the first 10 days of their lives, when reared in brooders. Several brooding systems are in use, as well as several methods of caring for brooder chicks, feeding rations, etc. It is easy to see how valuable a thorough test of this kind would be. The reports of these brooding tests will be issued frequently during the hatching season, that you may adopt any suggestions they disclose.

### Experiment 5, Market Poultry

This series of experiments will comprise a test of different rations for fattening poultry as compared with selling them just as they come from the farm, without extra fattening, as well as tests to ascertain whether or not it pays to raise capons for market.

It will be seen that all these experiments dovetail into one another and that taken together they comprise the principal lines of work in which every poultry raiser is engaged. Best of all you won't have to wait for the end of the year to know how these experiments and the laying contests are progressing. Weekly bulletins showing the progress of the experiments will be issued and will undoubtedly be read with the greatest interest both by country and town people. These reports will be published in detail in the Mail and Breeze throughout the year. As there has never been so interesting a laying contest conducted on such practical and novel lines attention of the whole poultry world will undoubtedly be centered on this contest before it has half been concluded. Mail and Breeze readers will have the most authoritative source of all information in regard to the contest in the columns of Farmers Mail and Breeze during 1913. Tell your poultry friends about it.

Don't sell your empty bags without first asking the Fredonia Linseed Oil Works, Fredonia, Kansas, for prices.—Advt.

Farmers' institutes in fruit growing sections are giving a good deal of attention to co-operative marketing this winter. It's a sign of progress.

## The Greatest Farm Machine

**The Powerful Little Engine That Makes Other Farm Machines Valuable**

Think of the labor it will save you! You have a dozen farm machines to operate—Grindstone, Churn, Separator, Pump, Corn Sheller, Feed Grinder, Wood Saw, Ensilage Cutter, etc. The little Farm Cushman Engine will operate them every one. Almost every day you will have it running one machine or another. You will use it all the more because it is so light and so easy to take wherever you have work to do.

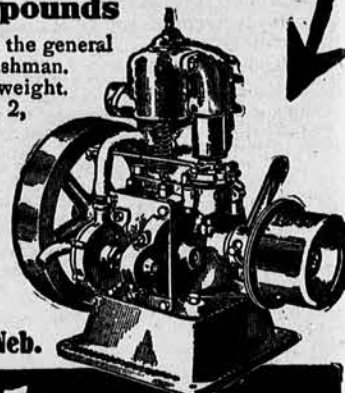
## The 4-H. P. Farm Cushman

**Weights less than 200 pounds**

Most gasoline engines are much heavier. We embody the general principles of the automobile engine in the little Farm Cushman. Result: highest power and efficiency with least possible weight. Will deliver 5-h. p. Whatever its load, whether 1, 2, 3, 4 or 5-h. p., the gasoline consumed is in proportion to it. Automatic throttle governor measures out just enough fuel—there is no waste. Remember this is not a one-purpose engine, but an all-purpose engine. It has become famous for operating binders. It is the original binder engine. Investigate it now. You are sure to find it just the power to suit your needs.

We also make 6-8 and 20-h. p. specialty engines for heavier duties. Book and particulars free. Address

CUSHMAN MOTOR WORKS, 2030 N St., Lincoln, Neb.



## Farm Cushman

## COME SOUTH RICH LANDS-REASONABLE PRICES

Virginia's truck lands assure attractive returns from intelligent cultivation. North and South Carolina afford splendid opportunities to raise under attractive conditions Potatoes, Melons, Tobacco, Sugar Cane, Dewberries, Strawberries. Georgia, the empire state of the south, attracts the homeseeker who wants to locate on rich, arable land, producing good money crops within easy reach of markets. Florida, land of opportunity, home of the successful cultivation of the Orange, Grape Fruit, Celery and a long list of Vegetables, which combination of soil and climatic conditions, puts in the first markets at best prices. Several crops annually; crop-growing season 348 days. The Six Southern States traversed by the Seaboard Air Line Railway offer special inducements. Ideal climate, water plentiful, quick transportation to big markets. Illustrated booklets free.

A. A. PRIDE, Gen. Ind. Agt., SEABOARD AIR LINE RAILWAY, Suite 379, NORFOLK, VA. 7

Get This Magnificent \$25 "Climax" Talking Machine

## FREE

**On My Special "First Member" Co-operative Club Plan!!**

**Also 10 Beautiful Selections on Big 10-Inch Records**

EVERY home in the land may now know "the joys of music." Every fireside may now be made equally attractive to young and old by the most popular and most delightful form of entertainment known to this age. The "Climax" Talking Machine brings into your home the world's most famous singers, actors, minstrels, quartettes, bands, orchestras, soloists and comedians—entertainment that never gets tiresome or uninteresting—entertainment that may be used for the amusement of all the family, your neighbors and friends, at any time and all times!

I want to distribute 1,000 of the latest improved "Climax" Talking Machines—each fitted out complete with extra large horn, 100 needles and 10 famous musical selections. For this purpose I have organized the Capper Talking Machine Club and I have a most attractive plan by which I give one of these complete outfits, absolutely free of cost, to the first member joining my club from each locality.

**POSITIVELY NO PUBLIC WORK!**

**No Canvassing! No Soliciting!**

I will ship you one of these machines absolutely free—without a cent to be paid in advance. You can play it as many times as you wish and use it as your very own for one whole month. In the meantime my original and most wonderful plan will be working in your interests and for you so that the Climax Outfit may become your own property and you may keep it forever, and always enjoy its magnificent entertainment without its having cost you a penny!

There is positively no public work, no canvassing, no soliciting for you to do! There is no "catch" in this offer by which I require you to go out and sell something. Remember, there is positively no public work of any kind for you to do in order to obtain the wonderfully liberal advantages of my great plan by which you may secure one of these fine outfits absolutely free!

Be quick if you want to get the benefits of this unequalled "first member" plan. Send no money. Just say, "Tell me about your free Talking Machine Plan." Sign name and address and mail your request today and I will mail full particulars the same day I get your letter. Address,

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## Green Ash As a Kansas Tree

BY CHARLES A. SCOTT,  
State Forester, Manhattan, Kansas.

[Written for Farmers Mail and Breeze.]

Mr. Scott will be glad to answer questions or advise the readers of Farmers Mail and Breeze in regard to trees or tree planting. Address him at Manhattan and say you want an answer in Farmers Mail and Breeze.

The Green ash grows naturally in the greater part of the United States east of the Rocky Mountains. It is one of the most common species found along creeks and smaller water courses in the Middle West states. It makes its best growth on low, moist ground, but can be grown as successfully on uplands as any other broadleaved tree except the honey locust. However, the growth of the Green ash on such situations is extremely slow.

It is a tree that resists the effects of alkali as successfully as any except the cottonwood. It endures drouth and the lack of cultivation as well as the honey locust and Osage orange, and is a very desirable tree for general planting throughout the western part of Kansas. The greatest objection to the Green ash is that in certain localities it is subject to attacks of the ash borer. The injury is greatest on the unfavorable sites where the trees are in a low stage of vitality and where their stems are not shaded. The borers seldom work in trees if the stems are shaded.

The Green ash should be planted in pure stands or in mixture with Honey locust. The trees should be planted in rows 10 feet apart and 6 feet apart in the row, either in pure or mixed stands.

### Does Well in Northwest Kansas.

The best growth of ash in Western Kansas is found along the smaller streams of the northwestern section of the state. Under these conditions the trees attain a height of from 20 to 30 feet, with a diameter of from 6 to 8 inches in from 25 to 30 years. Throughout entire Western Kansas groves of ash are found that have made good growth. Without an exception these groves have received good cultivation and the trees have been protected against fire and from injury by livestock. Where the trees have been left uncared for, they present a discouraging appearance, their rate of growth being very slow. Usually they are injured to some extent by the ash borer.

The ash should never be planted in sandy soil or in ground that has a sandy subsoil within 2 feet of the surface. It is a tree that demands a heavy loam soil and when possible should be planted where the trees will receive the benefit of flood waters. Its range of successful growth is limited to the vicinities where the borer is not found.

### Preparing Seed for Planting.

The Green ash is propagated entirely from seed, which matures in October. As soon as it is ripe it should be gathered and stratified over winter. In May the seed should be sown in well prepared ground in rows 3½ feet apart at the rate of about 25 or 30 seeds per linear foot of row. The seed should not be covered with more than 1 inch of soil. A high percentage of germination may be expected. The seedlings will reach a height of from 6 to 15 inches the first year.

If the stand is good, it will be necessary to transplant the year old seedlings into nursery rows where they should grow until of desirable size for planting, which is usually at 2 or 3 years of age. At this age, the trees will vary from 3 to 5 feet in height with a diameter of at least ½ inch. They should have a well proportioned top, and be in every respect a very desirable size for planting.

### Good for Fuel and Tool Handles.

The wood of the Green ash is hard, heavy and strong, rather coarse grained and brittle when thoroughly seasoned, and perishable in contact with the soil. In the range of its best development, it is used extensively for handles for tools and certain agricultural implements. In the western states it is of greater value for fuel than for any other use. As a fuel wood, it compares favorably with locust and Osage orange.

### Hay Worth More than Corn.

Mr. Editor—Corn husking is well along and the crop was seldom better, either in yield or quality. No cob rot about which we heard so much last year. A good deal is being marketed at 55 cents per hundred

weight of ears—about half what it brought last year. Hay is selling at \$12 per ton—\$1 more than is being paid for a ton of ear corn. Farmers have their work well along and many are making good money hauling gravel on the road. Not much fall plowing being done though conditions are good for it. Few copies of the Mail and Breeze come here but my neighbors are glad to read mine.

E. P. Snyder.

Norwalk, Huron county, Ohio, December 14, 1912.

## Light on Cornstalk Disease

(Continued from Page 3.)

this trouble; others that certain stalks of corn are poisonous; others that smut on the corn is responsible. Some scientists have advanced the theory that the corn, in connection with certain weeds, liberates hydrocyanic or prussic acid, and that this acid is the active agent in the disease. In fact much work has been done upon the various phases of the prussic acid theory because the symptoms of this disease quite closely resemble those which might arise from a small dose of prussic acid.

It would seem that if the animals die from prussic acid poisoning, that the prussic acid could be found in the stomach and intestinal contents. To investigate this point, a representative of the college obtained fresh specimens of stomach and intestinal contents, preserved them in a suitable manner and shipped them to Manhattan. They were examined by Dean J. T. Willard and Prof. C. O. Swanson, of the chemistry department but not a trace of prussic acid could be found in any of the cases.

Many farmers have been of the opinion that in some way or other the "suckers," or small stalks of corn which do not develop ears, are the cause of this disease; that because these were green and sweet the cattle, when turned into the field, ate them in preference to the others. To test this the college placed one yearling heifer and one yearling steer in a feed lot under the care of Dr. C. W. Hobbs, of Smith Center. These animals were fed for about two months on such stalks. The stalks were cut and brought in fresh so that the calves were never fed stalks more than two days old. The stalks were cut from fields in which cattle had contracted the cornstalk disease only a short time before. The calves received in addition a very small amount of alfalfa hay. The experiment was kept up from about the middle of November until the first of January. The steer showed some slight symptoms, being drowsy and having loss of appetite for a few days. When he recovered the skin upon the end of the nose peeled off. He did not, however, develop the cornstalk disease. The other showed no symptoms whatever. Positive conclusions cannot be drawn from experiments upon two animals, but it still seems safe to presume that these suckers are not the primary cause of the disease.

Attempts to produce the disease from feeding large quantities of smut in various other states have so far failed; this has not been attempted by the Kansas workers. It has not been observed that the disease has been especially bad where the smut is plentiful and the same is true in regard to the wormy and moldy corn, for the disease has apparently developed with equal severity in fields that were quite clean and in fields that were quite moldy.

## Not For National Pedigrees

At the annual meeting of the National Society of Record associations in Chicago, a resolution was unanimously adopted strongly opposing government control of pedigree associations. The resolution as passed read as follows:

Moved that the National Society of Record associations is unalterably and unqualifiedly opposed to government supervision or control of the pedigree registry associations in any form whatsoever.

The federation will have a bill introduced into congress favoring proper legal punishment for persons securing pedigrees by false or fraudulent applications and says it will make every effort to see that such a law is enacted by national as well as state governments. Wayne Dinsmore, secretary of the Percheron Society was elected secretary of the organization.



Harvest money can't possibly be invested to better advantage—than in a Ford. Modern methods are remaking the farm—and multiplying farm profits. An essential part of the modern farm equipment is the "handy," economical Ford.

Every third car is a Ford. Nearly 180,000 have been sold and delivered. New prices—runabout \$525—touring car \$600—delivery car \$625—town car \$800—with all equipment, f. o. b. Detroit. Get catalogue 321A and particulars direct from Ford Motor Company, Detroit, Michigan.



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# All Eyes Are on the 1913 Saginaw

Dairymen and Stockmen all over the country are already asking, "What will be the big 1913 Sensation in Silos?" And, for the answer, all instinctively turn to the famous SAGINAW. For they know that every practical Silo improvement in the past seven years appeared first in the SAGINAW SILO.

## We Promise Another Sensation

For 1913 we promise another big Sensation. An invention which Silo Makers have been attempting for three years. An invention which brings the silo to final perfection. Men will never build a Silo essentially superior to the 1913 Saginaw.

On account of patents still pending, we deem it unwise, as yet, to publicly describe the new 1913 Saginaw feature. But this information will be sent you free in a personal letter if you want it.

## Always in the Lead

The Saginaw has always led. It was famous first as "The Silo With the All-Steel Door Frame." Then followed the Saginaw Inner Anchoring Hoop. Next came the celebrated Saginaw Base Anchor. And now comes another new feature—the most surprising of all.

## Five Mammoth Factories

Owners of Saginaw Silos have told so many friends and neighbors about the Saginaw that it is now wanted in every farming section. So five mammoth factories have had to be built to fill orders on time. Last season we received orders for 587 Silos in a single day. Yet the Saginaw has been on the market only seven years. Other silos not one-tenth so popular have been in the field almost twice as long.

## "Solid as Gibraltar"

The Saginaw Silo stands as solid as the great rock of Gibraltar. It cannot blow down; it cannot twist; it cannot warp; it cannot collapse; it cannot shift on its foundation. Like a Giant Oak, it is rooted to the ground by the patented Saginaw Anchoring System.

## FARMERS HANDY WAGON COMPANY,

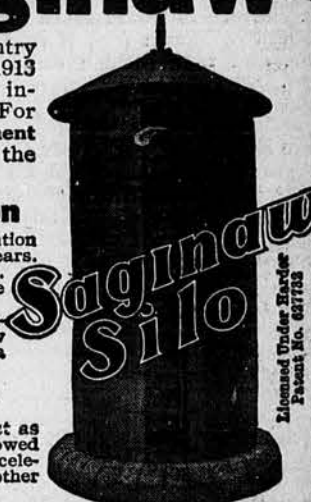
Saginaw, Mich. Des Moines, Iowa Minneapolis, Minn. Cairo, Ill.  
THE MCCLURE COMPANY OF TEXAS, Ft. Worth, Tex. (54)

## Sweet, Wholesome Silage

No rank, soured silage ever comes out of a Saginaw. It is sweet and pure clear to the edges, right next to the walls. Animals love the enticing flavor and thrive wonderfully on this rich, succulent food. Don't get a Silo that spoils your silage.

## Handsome Silo Book Now Ready

Our latest Book on Silos is now ready for mailing. It not only describes the Saginaw, but also contains a veritable wealth of information on Silo Building and Silage. No up-to-date Dairymen or Stockman should miss getting it. Drop us a line today for Book 61 and you will receive this book, free and postpaid, by return mail. Address our nearest factory.





## ORCHARD & GARDEN

For the best letter each week, contributed to this page by a reader, we offer a year's subscription or extension of subscription to Farmers Mail and Breeze. We want your views and experiences. They will help others. Address contributions to Horticultural Editor Farmers Mail and Breeze.

The well drained garden is an early one.

The first time the ground is frozen hard enough, cover the berry patch with straw.

If vegetables are withering in the cellar pick out the best and pack in slightly moist sand.

December is a good month to cut scions for grafting. Bury in well drained soil on the north side of a building.

It pays to take plenty of time to investigate the standing of nurseries before placing orders for seed or trees.

The richer the soil in the asparagus patch the better the crop will be. A rich soil also makes asparagus start earlier in spring.

The garden plowed in late fall or winter can usually be prepared for planting a week or two earlier. Late plowing also is hard on insect pests wintering in the soil.

### Trees for That New Orchard.

In buying trees it is always best to get them from the nearest reliable home nursery. If you can go and get them yourself, so much the better; if not buy from some nursery you know to be reliable. If a nursery is only out for the money it will be likely to substitute other varieties as it did for a neighbor of ours. The trees that he bought and tended with so much care proved to be Duchess when they came into bearing instead of Winesap. Do not set apple trees too closely, 35 feet is about the right distance. If they are closer together the branches will interlock when the trees are fully grown. Proven standard varieties are best. It may be all right to buy one or two trees of new varieties as an experiment, but do not plant largely of anything new just because some one brags on it. Clean cultivation is best for any orchard when it is young and if some crop must be grown in it, let it be something like potatoes; never plant corn among the young trees.

### Gardens Are "Ripe" for Plowing.

Mr. Editor—It would mean thousands of dollars in human food if every farm, village, and town garden could be fall plowed. In eastern Kansas a liberal amount of manure should be plowed under, and even in western Kansas some manure should be plowed under, and then every garden should have also a light top dressing of manure before January. The freezing improves the physical condition of the ground, insects are destroyed, and the soil takes in more moisture from snow and rain during the winter, and usually the garden will not need plowing in the spring. Or if it does the owner will be well repaid for the two plowings.

Neither farmers nor townspeople appreciate the value of good gardens. There are thousands of boys in Kansas towns who ought to secure vacant lots and plan to have gardens or to plant potatoes. All such lots should be plowed in November. The boy who gets his lot plowed now will grow about 20 per cent more stuff and it will be more easily worked, especially if manure can be plowed under now. J. H. Miller.

### Kansas Agricultural College.

### Cut Scion Wood in Late Fall.

Mr. Editor—Grafting must be done early in the spring when it is difficult to tell to what extent the winter has been injurious to the young wood and very often, as was the case last spring, a great deal of time and work are wasted setting scion wood that is in poor condition and not likely to grow. Ordinarily, the injury is done in the winter and can be avoided by cutting the scion late in the fall.

Good scion wood is that from the tips of the limbs of trees which have made a growth of from 12 to 18 inches

during the past season. Avoid blighted or woolly aphid infested branches. Water-sprouts are not supposed to make good scions, as such succulent growth is not likely to be as hardy as normal growth. Wood from young trees which have not borne fruit should not be used, unless the variety is known positively, for sometimes trees turn out to be some other variety than that which was ordered.

If any individual tree produces fruit of extra good color or quality for that variety, it is commonly supposed that scions from that tree will do the same. There is considerable doubt, however, as to whether these characters are inherent or are simply acquired through favorable environment and will disappear with a change of environment. At any rate, there is no harm in taking scions from trees which produce the best fruit.

After the twigs are cut off, they should be buried either on the north side of some building where drainage is good or in sand in the cellar, and not allowed to become wet or dry, but kept moist and cool through the winter.

S. Van Smith.  
Colorado Station, Ft. Collins.

### Seven Acres That Paid \$715

BY GEORGE G. PARRISH.

[Written for Farmers Mail and Breeze.]

I live 7 miles from the Kansas City market and have been growing large quantities of beans, peas, tomatoes, and cucumbers for this market. At the end of seasons when I checked up accounts I usually did not have any more clear money per acre than the growing of corn or wheat would have brought me. My first products would always bring a fine price but by the time the main crop became marketable other gardeners would also have large supplies to sell and this would knock the bottom out of prices.

To get a fair price for our products when they were plentiful was our problem and I think we have solved it by installing a canning outfit, operated like those in the large canneries but on a smaller scale. My factory will can from 600 to 2,000 cans in 10 hours and one man with the help of three or four women can do the work. Last spring I transplanted 7 acres of tomatoes about the first of June. They began ripening about August 20 and at that time were worth about 25 cents per bushel. In two weeks they were ripening so fast we could not handle them all in the canneries. We were unable to hire help to pick the tomatoes so with the help of my father and two sisters we picked tomatoes about half the time and canned them during the rest of it. Between August 20 and September 25 we ran the factory 20 full days and in this time put up 9,200 cans.

On the night of September 25, frost killed all the vines and ruined most of the tomatoes. I went over the patch and picked about 200 bushels of ripe and green fruit that brought \$315 on the Kansas City market. I sold the canned tomatoes to grocers at \$1.20 per dozen and the pack netted me \$400. That is a pretty nice return from 7 acres without considering those sold after the frost and many others that rotted for want of pickers.

I find the canning business nice work. It does not require an expert to do it. It will not take long for one to learn to put up a better pack than the large factories turn out. I opened cans in comparison with all the well known factory brands and invariably I had the best tomatoes. It does not take much capital to start and the investment pays about 75 per cent besides furnishing a market for stuff that would bring little or nothing.

We now eat canned tomatoes from the East and fruit from the West while at the same time we live in as good or a better tomato and fruit country than can be found anywhere in the United States. R. I. Fulton, Mo.

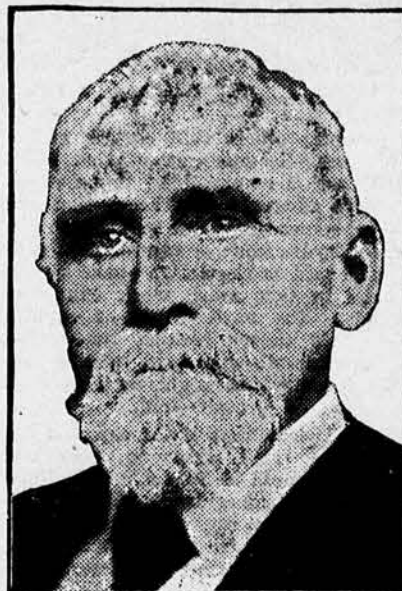
### Grange For State School Books

The press reports say that the Kansas Grange at its annual meeting last week at Manhattan opposed the county adviser plan. That is one way of construing the intent of the resolution passed by the organization which would leave the adoption of the plan to the vote of the people of the county at a general election.

The delegates favored the state publication of school textbooks and asked for

the repeal of the law requiring rural teachers to be graduates of high schools. The meeting also declared in favor of a law to prohibit discrimination in carlot prices on the part of dealers or corporations. This action was aimed at those dealers who are refusing to make the same prices to grange organizations that they do to local stores.

The executive committee was ordered to employ a state agent who is to make arrangements with wholesalers and job-



A. P. REARDON

The new master of the Kansas Grange. His home is at McLouth, Jefferson county.

bers to furnish farm machinery and supplies direct to the consumer through the Grange. He will also look after the sale of farm products direct to consumers and if necessary, will have the power to establish warehouses.

President Waters of the Agricultural college was unanimously endorsed for secretary of agriculture at Washington. Emporia was selected as the place of meeting next year. A. P. Reardon was elected state master, J. L. Heberling, of Wakarusa, overseer, L. S. Fry, of Manhattan, lecturer, — Wedd, of Olathe, secretary and George Black, of Olathe, member of the executive committee.

### Barometers For Farmers' Use

HOMEMADE WEATHER.

It is very probable that within a few years the average progressive farmer will be his own weather forecaster. This will be made possible through the possession of a mercurial barometer which is now being made for farm use. The principle of the barometer is old and the instrument is essentially the same as when invented by Torricelli in 1643 but until recently it has been in use only by weather observers and was believed to be too technical an instrument to be of practical value on the farm.

Briefly, the barometer is a glass tube 33 or more inches long, and closed at one end. It is filled with mercury and the open end inverted in a cup also containing mercury. The rise and fall of the mercury in the tube, caused by the varying pressure of the atmosphere on the mercury in the cup, indicates the kind of weather that may be expected within the next 12 to 48 hours. The coming of a storm is always accompanied by a diminished atmospheric pressure which means a "low barometer." This lower pressure covers a considerable area in all directions from the storm proper and will be in evidence from 12 to 48 hours before the storm arrives, or after it has passed, depending on its rate of travel. Thus if the mercury in the tube drops as much as a fourth to a half inch from normal in a few hours, foul weather is on the way. On the other hand a corresponding rise in the tube during a storm period indicates the approach of fair weather.

You can more than pay your hired man's salary by selling your empty bags to Fredonia Linseed Oil Works, Fredonia, Kansas.—Adv't.

### All Like the Mail and Breeze

Thomas N. Price, Sharon Springs, Kan., sheriff of Wallace county writes, "I am no longer living on a farm but my family, from large to small, likes to read the Mail and Breeze."

## TREES

That Thrive and Pay from the Grower to the Planter AT WHOLESALE PRICES

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Our Special Service department will advise you as to the best varieties to plant for your locality, advise as to cultivating, pruning, spraying, etc. The experts in charge are at your service free of cost.

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General line of nursery stock including apple, peach, pear, cherry, plum, apricot, quince, grape vines, berry plants, roses, shrubs, rhubarb, asparagus, etc., also black locust. Certificate of inspection with each shipment. OUR 1913 CATALOG GIVES VALUABLE INSTRUCTIONS how to plant and care for vines, shrubs, fruit and ornamental trees. Write or drop a postal today for this valuable catalog.  
J. W. HINSHAW, Prop., Box A., EUREKA, KAN.

FREE SEEDS We mail you free enough Radish and Lettuce Seed to more than repay you for sending us a postal for a copy of our Big 1913 Seed and Poultry Supply Catalogue. Just send us your name and we send the Free Seeds and the catalogue. We handle everything, nearly, in Seeds and Poultry Supplies.  
THE WESTERN SEED HOUSE, Salina, Kans.

## Garden Truck in December

Rock Island Colony farmers are making money this month—you can buy a choice farm for \$2.50 per acre, first payment—come to the Gulf Coast country of Texas.

Rock Island Colony farms in Colorado County, Texas, on main line of San Antonio & Arkansas Pass Ry.—75 miles from Houston.

Rock Island is a splendid town with banks, creamery, hotels, churches, schools, stores.

Each farm in tract fronts public highway; soil a rich chocolate loam; rainfall last year 43 inches; climate famous for health; 254 feet above sea level.

This is the safe and sure crop country. Corn, 50 bushels to the acre; garden truck, winter crop from \$150 to \$400 per acre.

Broomcorn factory will take all broomcorn you can grow, brings \$200 per ton. Rock Island Creamery wants butter fat; splendid field for dairy and stock growing.

### \$2.50 Per Acre

Puts you on the land; balance very easy terms; no taxes until paid for; land sells for \$35 per acre—adjoining land sells for \$50 to \$75; make a small payment and use balance of your money to improve first year's crop ought to clear you.

FREE Write for descriptive literature and excursion dates. We pay your Pullman fare, and show you a wonderful country. Why rent in the North when you can get rich in the Gulf Coast country? A post card will put you in touch with a lifetime opportunity. Investigate now.

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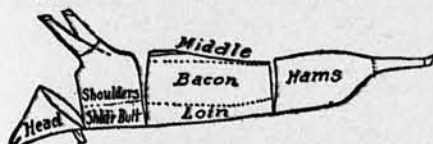
## Putting Up the Year's Meat

BY LILY B. CRAMPTON.

[Written for Farmers Mail and Breeze.]

The first of the year is undoubtedly the best time to kill hogs. January is the best month, February is not so good and no butchering should be done as late as March. When killing time comes our hogs are shot without preliminary worrying, which leaves the meat in the best possible condition. A large vinegar barrel is inclined at an angle against a platform in which the hogs are scalded. The scalding water contains several handfuls of wood ashes.

After cleaning and opening the hogs they should be left hanging in the open air with cut side next to the wind until they are thoroughly cold, but not frozen.



CUTTING UP A HOG.

Then remove to your smokehouse, lay on a couple of thick oak boards, cut through on each side of backbone from neck to tail, peel off lard from top, and lay backbone aside. Take half of hog, cut back of shoulder from top to bottom, saw off foot above first joint and trim off corners of shoulder. Cut off in front of ham not too closely, saw off foot between first and second joint and trim ham so it will present an oval appearance. Be careful not to trim around the bone very closely as it spoils the appearance and keeping quality of the ham.

### How "Head Cheese" Is Made.

It is an easy matter to peel out the ribs after a few preliminary cuts. Crack ribs clear across about twice with an ax and they are then ready to cook or put down in brine. The head is separated into upper and lower portions by unjointing the jaws. Take out tongue and cut off ears close to head. With knife start at snout and peel flesh off of bone for a little way back, when, by firmly pressing down bone, and pulling back flesh, it can all be peeled from each jaw bone with little or no meat left.

Cut out the eyes and cut head up into convenient pieces. Peel off the meat rind from jowls and cut out fat for lard. Put the lean with sausage meat. To finish cleaning head place pieces in hot water and with a butcher knife scrape and wash until perfectly clean, then soak an hour or more. This, when cooked well done, combined with the liver and "melt" which were cooked separately, run through the meat chopper, seasoned to taste and recooked, makes the delectable delicacy known as "head cheese." It may be packed in jars, weighted until cold, covered with melted lard, and put in the cellar. I have kept it this way until June.

### The "Makin's" for Sausage.

When cutting up the hog save all scraps of lean from ham and shoulder trimmings, neck trimmings, heart and both large and small tenderloins. Some sausage meat may be obtained from heads. Cut into suitable pieces and run this through a meat chopper into a tub large enough to allow thorough mixing. The old rule for seasoning sausage is, a single handful of salt and a tablespoonful of ground black pepper to each hog. Some add a teaspoonful of ground sage and others like a clove or two and some garlic minced and added to the ground meat. To stuff sausage, save the small intestines, empty them and wash thoroughly through several waters, always keeping the water warm.

To clean the cases place a smooth board in the bucket, take up one end of a case (the end which lay next the stomach) and with a dull knife scrape and press downward, the full length of case. Put into fresh warm water, and repeat. Wash in several waters and finally soak in cold salty water. Put cases on regular stuffer or stuffer spout of lard press and fill with sausage. For summer use we coil the stuffed sausage neatly and compactly in quart tin cans and down the center hole lay a straight length. Put lids on and if you have a steam cooker, pack 8 quart cans into it and steam about 7 hours, then seal cans. This sausage is delicious. To dispose of the liquid in which the head cheese meat was cooked, strain to remove bones, skim off surplus fat, season with salt and pepper, and when boiling stir in corn meal until consistency

of mush. Some add a quantity of chopped boiled meat before sifting in the meal. This is called by the old Dutch name, "ponhans" and is to be sliced and fried.

After singeing the feet and ears put them into very warm water and scrape until perfectly clean, then crack the bones in the legs. Boil until meat falls from bones and while still hot pick out the bones. Strain juice and let it get cold. Remove all grease from top and put liquid and meat from feet and ears in a vessel and set on stove. Season with salt, pepper and a dash of nutmeg, and enough vinegar to make it pleasantly acid. When heated through pour all into a crock and let it get cold. This is known as "souse" and is served in slices.

Tongues of hogs are to be well scalded, skinned, cooked in salted water, and when done laid in vinegar. Slice and serve cold. The brains are delicious when chopped and fried in butter, salted and peppered. When about done break several eggs over them, stir until done and serve.

### Cutting Fat and Rendering Lard.

When the hogs were hung and opened and the insides removed, the entrails should have been taken to a warm place. The white veil of fat attached to the stomach and "melt" should be removed and put in a jar of cold water. Now strip off all the fat clinging to small intestines, cut into small pieces and place in jar of water. This should be washed through four or five different waters and left to soak over night in slightly salted water, when it is as sweet as any other fat. It should be drained well however, before rendering. The leaf lard is cut and kept to itself. The fat from the back, jowls and thick fat of sides should be skinned and then cut into small pieces.

We always render lard out of doors in a 20-gallon iron kettle. The side and back fat is put in first and partly rendered before the leaf lard is added. Always take from fire a little while before done as it fries quite a while afterward. Use a lard press or much lard will be left in cracklings. Never put lard in tin cans as it becomes rancid in tin very easily. Wooden firkins, tubs or earthen jars are ideal lard receptacles. Set jars in water when filling, to prevent cracking.

### Curing and Smoking the Meat.

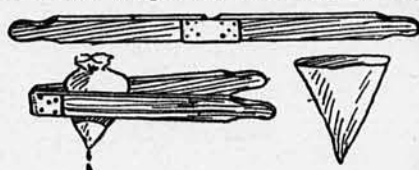
When dry salting meat, let it lie over night to get thoroughly cold but never to freeze. Then rub salt freely into cut side of pieces and spread a 1/2 inch layer of salt all over cut surface of meat. Pack in tight box or barrel and leave six or eight weeks. Examine it several times and rub in salt if needed. Then take up, shake off salt, make a hole in shanks of hams, insert a loop of wire, hang high in smoke house and smoke briskly for about 7 days with cob, hickory or apple wood smoke. When well smoked, sprinkle with black pepper, then with powdered borax, wrap in newspaper, slip into flour sacks tied securely and hang in smoke house until used.

To cure meat in brine cool the pieces, rub in dry salt and pack them into an oak barrel. Pour brine over it, using about 3 pints of salt to a gallon of water. We then put in a little more salt for good measure. Have hams and shoulders in bottom of barrel and sides on top. Cover several inches with brine, weight well and cover the barrels. Leave in brine 7 or 8 weeks, but examine from time to time to make sure it is all right. Then remove from brine, drain, wipe, hang up and smoke and proceed as with dry salt method. Borax in no way is injurious as the surface of meat is always trimmed off and it is a perfect repellent of any insects. These rules have all been tested and are proven.

Arkansas City, Kan.

### How to Make a Lard Press

Mr. Editor—To make this lard press take two boards about 5 inches wide and 30 inches long, and thick enough that



HOW PRESS IS USED.

they will not bend. Dress down one end of each board until it is the right size to grasp with the hand, and fasten the other ends together with a hinge. Make a cone-shaped sack of strong muslin for

holding the lard, fill partly full and tie the top. One person holds the lard sack while the other catches it lightly near the top with the press. M. L. Hill. Saline county, Nebraska.

### Lamer's Big Percheron Sale.

The sale of Percheron mares and stallions announced by C. W. Lamer to be held in Salina, Kan., on December 27 is one that will interest horsemen far and wide. The offering includes Mr. Lamer's entire show herd of 1912 and 10 head of the best stallions included in his last importation which were unloaded direct from France in time for the fall shows. It is conceded that C. W. Lamer is one of the best all around judges of horses in this country. His long experience with horses, having handled no less than 4,000 head per year, has equipped him in a way unsurpassed, perhaps, by any other breeder of draft horses. The imported mares and stallions that go in this sale were selected by Mr. Lamer who spent the summer in France. These horses arrived just in time to be shown at the Oklahoma State Fair in October where they won the bulk of the prizes including the grand championship, also the first grand prize on group of five stallions owned by exhibitor. A week later these horses were the winners in classes and group of five stallions and the aged Imp. Illman achieved the distinction of winning the grand championship at the American Royal. Breeders who attend the sale, which will be held in Mr. Lamer's commodious sale barns in Salina will have the opportunity to purchase the high class stallions that were winners in the fall shows. The auction includes 10 head of superb stallions, 2 to 5 years old, and three outstanding yearling stallions; 24

mares 2 to 5 years old safe in foal to the best stallions, and seven head of yearling mares. The auction will include one imported Hackney stallion and two Mammoth jacks. Attention is directed to the announcement which appears in this issue of this paper.

Cut out the Middle Man's profit by selling your empty bags to the Fredonia Linseed Oil Works, Fredonia, Kansas.—Advt.



## ACCIDENTS WILL HAPPEN

The colts will get kicked and strained, run into barb wire fences, or fall. Then you need

## ABSORBINE

As it takes out soreness and inflammation promptly, stops lameness, removes bunches and swellings. Bog Spavins, Wind Fuffs, Splints, Curbs, heels cuts, lacerations. No blister, no hair gone and horse can be used. \$2.00 a bottle at dealers or delivered. Book 2 H FREE. Write for it. W.F. YOUNG, P.O. Box 208 Temple St., Springfield, Mass.

## A \$55 Saddle for \$38 Cash

Our latest 1910 Swell Fork Saddle, 16-inch swell front, 28-inch wool lined skirt, 3-inch stirrup leather, 34 rig, made of best oak leather, guaranteed for ten years; beef hide covered solid steel fork.

### The Fred Mueller

SADDLE & HARNESS CO.  
1413-15-17-19 Lochner St.  
Denver, Colorado

Send in your name for our 1913 catalogue, now ready.



The Celebrated Mueller Saddle.

**Low Steel Wheels**

"ELECTRIC" STEELS to fit any wagon—old or new. Make a new wagon of your old gear at small cost. We guarantee fit. Give a low lift—you get more work done in less time, with less labor. Cost less than wood wheels and last longer. Do not rut fields and meadows. Investigate "Electric" Steel Wheels. ELECTRIC HANDY WAGON—made of Oak, Hickory and Steel. Just what you want for all kinds of knock-about work. Will last a lifetime. Has unbreakable steel wheels. Easy draft. Let us show you how to save yourself and your team. Write us today for free book. Address

**ELECTRIC WHEEL CO., Box 30, Quincy, Illinois.**

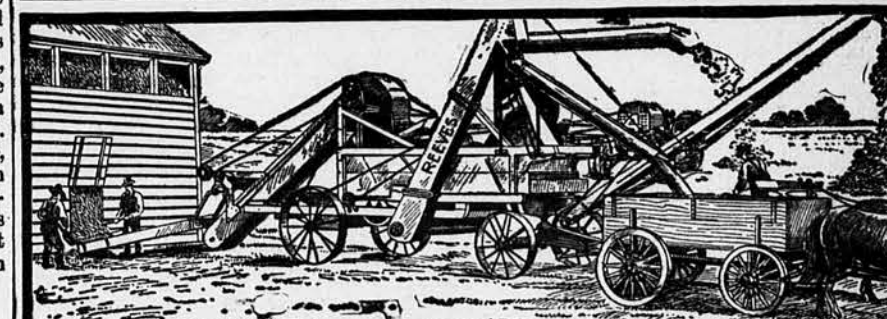
## \$250 Motorcycle Given Away



YOU see in this picture a boy riding one of the \$250 Excelsior Motorcycles we are giving away. In other parts of the picture are the faces of several other boys. They are hard to find but by turning the picture about you will be able to see them. Mark at least two of the faces with a cross (X) and send the picture to me with your name and address and I will tell you all about the contest and how to win the seven horse power motorcycle and many other prizes.

**1500 Votes FREE** We will send you a special coupon good for 1,500 votes toward the Motorcycle. All that you have to do to get this coupon is to send your name and address at once.

**PEOPLE'S CO., 524 Popular Building, Des Moines, Ia.**



## Higher Prices for Clean Corn

FARMERS get from 2 1/2 to 5c more per bushel for corn shelled in this machine. It is cleaned so well that it grades from 1 to 2 points higher. Think of the increased earnings this would have brought you if you had shelled your corn with it last year! Perhaps enough to pay its entire cost and let you make big profits by shelling corn for your neighbors.

## Reeves Illinois Special Corn Sheller

has the most advanced type of suction fan arrangement that positively cleans the corn of all dust, chaff and foreign matter. The only machine of its kind. Does good, quick work, cheaper than hand labor, with a capacity of over 1000 bushels per hour.

Will stand many years of the hardest use. Built on the cone cylinder type—has long ribs, chilled to stand hardest wear. The cob carrier swings to right or left or out ahead, throwing cobs clear of the machine and wagons.

**EMERSON-BRANTINGHAM IMPLEMENT CO., 39 Iron St., Rockford, Ill.**  
The largest and most complete line of farm machinery in the world. (27752)

Many farmers are now buying the Reeves Corn Sheller for their own use and to do contract work for their neighbors. They have found it to be a bigger profit maker than a threshing machine. Let us prove to you how you can make big money this year, and also get higher prices for your own corn by shelling it clean. Send your name and address for our booklet and full information.

The Reeves Illinois Special Corn Sheller is sold by most all implement dealers. If not sold in your town, write us.



# The WOMEN

Conducted by



# FOLKS

Mabel E. Graves

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

## Christmas Gifts.

She needed pots and a new floor broom. And window shades for the children's room; Her sheets were down to a threadbare three. And her tablecloths were a sight to see. She wanted scarfs and a towel rack. And a good, plain, useful dressing sack. Some kitchen spoons and a box for bread. A pair of scissors and sewing thread. She hoped some practical friend would stop And figure out that she'd like a mop. Or a bath room rug or a lacquered tray. Or a few plain plates for every day. She hoped and hoped and she wished a lot. But these, of course, were the things she got:

A cut glass vase and a bonbonniere, A china thing for receiving hair, Some oyster forks, a manicure set, A chafing dish and a cellaret. A boudoir cap and a drawn-work mat. And a sterling this and a sterling that; A gilt-edged book of a lofty theme, And fancy bags till she longed to scream; Some curling tongs and a powder puff And a bunch of other useless stuff. But though she inwardly raged, she wrote To all of her friends the self-same note, And said to each of the generous host, "Just how did you guess what I needed most?"

Ella Bentley Arthur.

If you want to beat some cream for your fruit salad or a filling for your cake, be sure to have it cold and thick, and you'll have no trouble.

It's a pity there should be heart aches at Christmas time. Christmas ought to be one day in the year when we can forget all our little jealousies. Whatever we have received or haven't received, if our hearts are tender with a love for others that is the best gift the day could bring.

The United States Department of Education announces that 21 states in the Union have abolished the common drinking cup in schools. This is good news for those who realize how quickly measles, colds, diphtheria, and other diseases are spread when all the children in school drink from the same cup.

A treat has been prepared for the women during the farmer's institute at Manhattan, December 30 to January 3. It will be as good as going to school for a week, only better. Here are some of the things that will be discussed: Cleaning and care of clothes; Adapting and designing patterns; Practical sanitation in the home; The unexpected guest; The fireless cooker; The ideal sick room in the home; The care of children; What to do until the doctor comes; Food for the sick; Attractive home surroundings; House decoration. These are just some of the things. Every woman who finds it possible to attend will feel she has been well repaid for her time spent.

## Papers Save Extra Work.

We can make our daily papers save us so much work if we just think. When sitting down to pare fruit or vegetables one is easily laid in the lap and it saves the apron. Or it can be spread on the table, then rolled up and the muss put in the stove. We farmers' wives need to use all the short cuts possible in our work.

Linn, Kan. Mrs. Dora Clark.

## When Baby Has Colic.

[Prize Letter.]

If baby has colic take an ordinary bottle and fit with a rubber nipple. Fill with water as hot as you can drink, and give to the baby, he will almost instantly stop crying and go to sleep. He wants something to suck on and the hot water warms and cleanses the stomach. It works like a charm, and water is always good for the baby. Use a stiff brush when washing baby's soiled clothes.

Mrs. W. S. Dalton.

Winfield, Kan.

## How to Frame Post Cards.

My brother prepared a piece of white wood about 6 by 9 inches, smoothing it with plane and sandpaper. I took a piece of paper the same size and marked off a space in the center the exact size of a postcard. Around this space I drew a simple design, then by means of carbon

paper transferred it to the wood and burned in the design with a pyrography needle. When the burning was finished I glued a beautiful color reproduction of a famous painting in the space provided for it, and had a very pretty ornament for the wall.

Kansas.

F. Roselle.

## Removes Indelible Pencil Marks.

In answer to the inquiry of November 9 in regard to a way of taking out indelible lead pencil marks from cotton goods: I have had success by washing the article in water to which kerosene had been added. After washing it let the article come slowly to a boil, then rinse, and the mark will be gone. A little lemon juice will answer the same purpose.

Mrs. George P. Ernenwein.

Verona Station, N. Y.

## Use for Old Window Shades.

I put a window shade back of my stove on the wall. It keeps the splatter of grease from the wall paper. I also have one back of the sink, as it can be easily wiped clean with a damp cloth. I find old shades very good for lining and covering my fruit box in winter, since they keep out wind and cold. They are also good for shelf paper where pots and kettles are kept.

Mrs. T. W. Sloan.

R. 1, Utopia, Kan.

## A Homemade Linoleum.

If you are in need of a covering for your kitchen floor that will be warm, serviceable and neat, try making one from any old carpet you may have. Tack on barn loft floor or any place where it won't be disturbed until dry. Make a paste of flour and water, and put all over the carpet with a brush. Let dry, cover again with paste, and let dry. Then cover with two coats of good paint; and when dry you will be pleased with the result.

Beloit, Kan.

Mrs. A. Gledhill.

## Keeps the Stovepipe Clean.

[Prize Letter.]

If you are burning wood, instead of taking the stove pipe down each month to clean it make an opening in the elbow with a shutter over it, then when it needs cleaning simply open the shutter and clean it out with a brush or swab, or with a jointed rod if the pipe is long. The soot can be pushed out of the end or drawn forward so it will drop down the perpendicular length. It will cost 15 cents to have the elbow fixed so.

Mrs. George P. Ernenwein.

Verona Station, N. Y.

## Preparing the Christmas Popcorn.

[Prize Letter.]

A corn popper can be made by taking a 15-inch piece of wire screen, folding it over and sewing around the sides. Sew with a wire and fasten on the cover with wire after the corn is filled in.

When you are ready to make the popcorn into balls take  $\frac{3}{4}$  cup coffee sugar,  $\frac{3}{4}$  cup granulated sugar,  $\frac{1}{2}$  cup New Orleans molasses,  $\frac{1}{2}$  cup water, 1 tablespoon vinegar. Cook without stirring till it spins a thread, then add  $\frac{1}{4}$  cup butter and  $\frac{1}{4}$  teaspoon soda. Pour evenly over 4 quarts of fresh popcorn, stirring constantly, then dip the hands in cold water and press quickly into balls.

To make pink popcorn use red sugar instead of coffee sugar and omit the molasses. To make yellow popcorn use saffron tea instead of water and omit the molasses. To make brown popcorn add  $\frac{1}{2}$  cup grated chocolate.

If you want sugared popcorn without the balls pour the mixture over the

corn and stir constantly until cold. Each kernel will then be nicely coated. Make sacks from mosquito netting and fill by putting in a cup of brown popcorn, then a cup of yellow, then a cup of white, lastly a cup of pink; and you have a pretty combination for Christmas sacks for the little folks.

Mrs. Ettie McLaughlin.

Clayton, Kan.

## Scrambled Eggs With Onions.

[Prize Recipe.]

Cut a cupful of bacon into tiny cubes, and put in a frying pan. When it begins to fry add 1 large onion minced fine, and when nice and brown add 6 eggs well scrambled, a pinch of salt and a dash of pepper. Stir a few minutes, but don't let eggs cook too hard. I have been asked by friends and strangers how I prepared this dish, so delighted were they. For sandwiches you will never find a better mixture. Just spread between thin slices of bread. That alone will make an all-round meal, and so easy to prepare.

Mrs. E. H. Callaway.

Greenland, Ark.

## How to Keep Well.

Don't sleep in a draft.  
Don't go to bed with cold feet.  
Don't stand over hot-air registers.  
Don't eat what you do not need, just to save it.  
Don't try to cool off too quickly after exercising.  
Don't sleep in a room without ventilation of some kind.  
Don't stuff a cold lest you should next be obliged to starve a fever.  
Don't sit in a damp or chilly room without a fire.  
Don't try to get along without flannel underclothing in winter.

Mrs. E. J. C.

Colorado Springs, Colo.

## Good Times on the Farm.

In all communities there are three classes to be considered in planning social entertainment: The fathers and mothers, the young people and the children. In the first place parents should try to plan the home life so all the family may find their greatest enjoyment there. Instill in the children a love for good books, teach them to enjoy reading aloud, and if possible have them sing together.

For the social life outside the home there is probably nothing better for the mothers than a woman's club. In our own community we have such an organization, now 10 years old, which not only furnishes inspiration during its 26 meetings each year for its 32 members, but gives from four to eight open meetings each year at which are entertained all the husbands and children of the members.

For the young people, who of course must have more of entertainment and outside enjoyment than either the little children or the parents, we must be governed in part by the attitude of others

in the community. They should be allowed to have amusements suited to their time of life. Believe in them, trust them. Allow them to have parties, socials, and even dancing and card playing at home rather than to have them without the enjoyment which is natural to them. Talk to them and warn them of the perils of life, then let them have a good time with their young friends in their own way. Do not teach them to be exclusive. There is good in all and we are much more likely to bring that good out by kindness than by neglect.

For the little children, plan little parties, birthday surprises, little picnics, or maybe a little club like the Band of Mercy which one of our teachers organized in the school, and which was kept up by children under 12 years of age during vacation. It takes so little to make children happy—the neighbors' children, as well as our own—and it is so short a time that they are young and care free that it is only right we should spend freely of our time, strength and money to make them happy.

Mrs. Jay Wiley.

Mead, Neb.

## The Indoor Part of Butchering.

Not being able to stand rendering the lard out of doors in a big kettle, I try to make as little muss indoors as possible. I have an oilcloth apron, similar in shape to a butcher's apron. The best part of a discarded table oilcloth would be all right. Then I lay several thicknesses of newspaper on the table and floor, and also make a newspaper track to the stove and across in front of it.

I always render the very fattest meat but keep it separate from the leaf lard, as it takes much longer to cook. I have the lard mostly cut before beginning, and use two or three large pots at one time. The rinds skinned from the rendered fat meat I bake in dripping pans in the oven. The lard from these I put in old tin cans and save for the men's use, as they often want lard for various purposes with stock.

When through I carefully gather up all papers and burn, also wipe off the top of the stove and the outside of the kettles with paper. I often put the back bones to boil in one kettle and the hearts, tongues, etc., in another for mincemeat. If there is a third kettle I cover and set away to boil meat in another day, and thus avoid much unpleasant washing. Other utensils I wipe several times with paper before washing. A little soap and hot water make the oilcloth apron as clean as ever.

When the men can help we get the sausage muss through with, using the same papers; but often it takes another day and more papers. My oilcloth apron comes in very useful on washing and churning days also.

Mrs. M. E. H.

Harveyville, Kan.

Make money by saving your empty bags. Write the Fredonia Linseed Oil Works, Fredonia, Kansas, for prices.—Advt.

# Quality Pianos

At the Lowest Prices in the United States

It is never necessary to make an apology to your friends about the quality of the piano you buy at Jenkins, nor have a feeling that you paid more for your Piano than your neighbor, who purchased the same make. Our ONE PRICE, NO COMMISSION PLAN does not mean "get all we can"—it does mean "Give all we can." It means the greatest economy and greatest satisfaction in piano buying. It means that nowhere in the world could you buy more piano quality for less money; it means freedom from all puzzle schemes and trick piano selling, devised to induce you to pay a higher price for a piano than it is worth. Our fall stock of pianos is now coming in. Note the values listed below.



"The Pilot is under no obligations to the Jenkins Music House, of Kansas City, to write this, but recent dealings with them constrains us to say for the benefit of our friends that we never knew a method of selling more open and honest than theirs, and, did we know about what price and style piano we wished to buy we would about as lieve send our twelve-year-old daughter to purchase it as to employ an expert. Their prices are plainly marked on every one of their hundreds of instruments and are the same to cash buyer or the one who wishes to make monthly payments."

**\$155** For a Brand New **\$275** BARCLAY. \$5 monthly.  
**\$125** For a Brand New **\$175** RARMORE.  
**\$175** For a Brand New **\$300** BARCLAY. \$5 monthly.  
**\$200** For a Brand New **\$300** WOODWARD.

Write Today **J. W. Jenkins Sons Music Co., Kansas City, Mo.**



# HOME DRESSMAKING

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



- 5996—Child's Dress, sizes 3, 5, 7 yrs.
- 6013—Ladies' Dress, 6 sizes, 32 to 42 inches bust measure. Size 36 measures 2 1-8 yards around lower edge of skirt.
- 6002—Tunic Skirt, 5 sizes, 22 to 30 inches waist measure.
- 4156—Boys' Blouse Suit, sizes 4, 6, 8, 10 years.
- 6011—Ladies' Waist, 6 sizes, 32 to 42 bust measure.
- 6015—Ladies' Skirt, 5 sizes, 22 to 30 inches waist measure.
- 5989—Ladies' Dress, 6 sizes, 32 to 42 inches bust measure.
- 4664—Fancy Apron, one size.
- 6016—Misses and Small Women's Coat, sizes 14, 16, 18 years.
- 5992—Child's Dress, sizes 1/2, 1, 2, 3, 5 yrs.

## 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.

Joy for the Little Folks.

[Prize Letter.]

I wish to tell how I furnished amusement for my two little ones, and incidentally for all the other little ones in our block, at a total outlay of 25 cents. At a house that was being built close by I gathered up all the smooth little blocks I wanted—there are always thousands of them among the refuse—and had an obliging carpenter saw some of them into oblong and triangular shapes. For 15 cents I bought some porch decora-

tions and two stair rounds which I sawed into different shapes, and a broom handle and a curtain pole furnished columns. All the blocks must be in fours, of exact size and shape for building purposes. Two 5-cent packages of dye, red and green, dissolved in hot water colored the blocks beautifully; and when I had finished I had a set of 300 blocks nicer than any other building blocks I have ever seen.

A blackboard made of a wide board and liquid slating, with colored crayon made by standing white crayons in glasses filled with red and green dyes, was also an all-the-year-round amusement at a cost of 25 cents for material.

Mrs. A. J. Tadlock.

Wellington, Kan.

## A Neighborhood Social Club

BY MRS. GLENN C. FITCH.

A few weeks ago hundreds of women assembled at Lethbridge, Canada, to discuss methods of helping women; and while perhaps none of the Mail and Breeze women folks were there we can bear in mind their motto: "I cannot do everything, but what I can do I will do." With this thought in mind I want to tell the Women Folks of a social club composed of farmers' wives in this neighborhood.

The club was organized March 28, 1907, and is known as the "Merry-Go-Round club." The club meets Thursday afternoons every two weeks at the homes of the members, taking them in their turn alphabetically. The club was not organized as a study club. The object is sociability, friendliness and mutual help. Every sixth meeting is an open meeting held at night, to which the families of the members are invited. The club colors are pink and light green, and the flower, a pink rose. The motto is, "Keep on keeping on."

The club officers are president, vice-president, secretary and treasurer. Membership is limited to 30 members and the dues are \$1 per year. We have a committee to purchase gifts for departing members, also a flower committee to send flowers to the sick. The territory covered by the club is six miles square.

At our afternoon meetings roll call is answered in various helpful ways. One time choice recipes are given; another time suggestions on canning fruit, questions, quotations, or anything that is helpful or timely. St. Patrick's day roll call last spring was answered with Irish anecdotes. At each meeting the hostess tells what the roll call will be for the next meeting. If a member is absent she must pay a forfeit. This is paid the next time she comes by giving a reading, a musical number, or telling a story. After the forfeits are paid a general good time is enjoyed, sometimes in games, sometimes in conversation. The hostess serves light refreshments. The members are not selfish, but often bring friends who are welcomed by the club.

At the open meetings a program is given and games are enjoyed. The club serves refreshments. There are usually 75 to 100 at these meetings. In August each year the members and their families enjoy an all-day picnic in a grove, and various contests are held. This is the home-coming meeting and members who have moved away come back for this picnic. We have such good times that I wish every farmer's wife could belong to a club. Try organizing a club in your neighborhood. You will know your neighbors better and you'll find they're human like yourself. Don't think you have too much work to do. Remember "all work and no play makes Jack a dull boy," and it's the same with the housewife. If you wish to organize a club and need more information write, and, "what I can do, I will do."

R. 2, Ottawa, Kan.

## Days When You Don't Look Well.

There are days when, no matter with what beauty the world has credited us, we shrink from the image our mirrors fling back at us.

On the days when we don't look well we usually are not well. Our most imperative need at such times is rest. The girl who goes early to bed and sleeps round the clock, or at least for nine or ten hours, awakes feeling and looking better. This is an object lesson in the truth that to look well we must feel well, and to feel well we must be so.

Many a woman has wept farewell tears to departing youth when really

what she needed was an extra hour's sleep every night for a week.

But there are secondary aids that will assist this primary one in the work of making the most of our appearance. Perhaps all the weariness and listlessness seems to settle in your eyes. You can liven them by placing a witch hazel bandage over them. This bandage is simply a piece of muslin folded several times and saturated with witch hazel. Lay this loosely over the eyes for as long a time as circumstances will permit. If the bandage dries moisten it again with witch hazel.

Should you, despite your tired, bloodless aspect, have to be seen in public, bathe the face in tepid water, using handfuls of almond meal, wet with a few drops of benzoin instead of soap. Then dash cold water upon the face. This will soon call back the truant color.

If on this bad day of yours you are shocked at the network of fine lines about the eyes and lips, don't fancy they have come to stay. Lie down, relax every muscle and rest as completely as possible. During the last half of this rest pat cold cream into the parts of the face where the tired lines appeared, then slowly iron them away in the opposite direction from that in which they appeared. Rub horizontal lines in a perpendicular direction, and vice versa.

If you are forced to be mingled with others while you feel "dead tired" don't allow the muscles of your face to sag or your eyes to grow listless. Recall your best expression, summon it, and keep it.

## A Substitute for Eggs

I have heard a good many say they could not make pumpkin pies very often because they called for so many eggs. If this is the case with you, try this instead: To each pie add 1 tablespoon of flour and a little butter. This will take the place of the eggs, and if you were not told the difference you would not know.

Chandler, Tex.

Reader.

## 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.

# 66 "Many Print" Transfer EMBROIDERY PATTERNS FREE



## Most Stupendous Pattern Bargain Ever Offered!!

These 66 COMPLETE PATTERNS would cost you a large sum of money if purchased one at a time in any retail store. Each pattern will transfer from 6 to 8 times to any kind of fabric.

## Lesson Course FREE!

In addition to this I am going to include, without extra charge, one illustrated course of embroidery lessons. In these instructions you will find illustrated and fully described the 27 stitches used in fancy work. This is the most complete collection of its kind ever published and is a big premium in itself.

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

**SEND** postal for list or write me what you want, see what a good proposition I will give you, some good trades. Youngs, Howard, Kan.

**160 ACRES CORN LAND**, 70 acres cult., 4 miles Benkelman, Nebr. \$12.50 acre, half cash, bal. 10 years 6 per cent. Box 18, Eckley, Colo.

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**WE SELL LAND** in several different counties, and if you want a square deal in best farm bargains, write Johns and Stugard, Chanute, Kan. You will see the best when you see ours.

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**COMPLETE** information how and where to get homestead land, prairie or timbered. 50c money order. Roy Atkinson, Elkton, Colo.

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**150 BUSHELS** of cleaned alfalfa seed \$8.50 per bu., sacks free. John Ryman, Dunlap, Kan.

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**WE WANT** to buy choice alfalfa seed and pop corn in local lots; also cow peas, cane seed, millet, Kafir corn, seed corn, seed oats and milo maize in carlots. Send samples and name lowest price f. o. b. your track. Drop us a postal for our Big Seed Book for 1913. Binding Stevens Seed Co., Tulsa, Okla.

## WANTED.

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

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**\$75.00 MONTH** paid Railway Mail Clerks. Examinations coming. Preparation free. Franklin Institute, Dept. J 54, Rochester, N. Y.

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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.

**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.

**SALESMEN WANTED**—In every county in Arkansas, Colorado, Illinois, Missouri, Kansas, Nebraska and Oklahoma. We grow the stock that will get and hold the trade. We pay cash each week, and furnish outfit free. Let us explain our proposition to you. Ince Nursery Co., Lawrence, Kansas.

**YOUR opportunity** to learn salesmanship quickly. We want ten more good men to act as special representatives in the best territory in Oklahoma and Kansas. Will pay extraordinarily liberal commissions to start. Send one bank reference with application. Address, Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

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

## HELP WANTED.

**MAN AND WIFE** on farm, good home to right parties. H. L. Harvey, Kincaid, Kans.

**GOVERNMENT FARMERS WANTED**—\$60 to \$75 monthly. Free living quarters. Write Ozment, 38 F. St. Louis.

**UNCLE SAM NEEDS STENOGRAPHERS**. I will teach you by mail. Twelve years as Government stenographer enables me to properly train my pupils for Civil Service examination. Instruction based on actual experience. Address Harold Gibson, 1010 Paseo, Kansas City, Mo.

**GOVERNMENT POSITIONS OPEN** TO men and women. \$90.00 monthly. Annual vacations. Short hours. No "layoffs." Parcels post means thousands of Postal appointments. "Full" unnecessary. Farmers eligible. Write immediately for free list of positions open. Franklin Institute, Dept. J 54, Rochester, N. Y.

## AGENTS WANTED.

**AGENTS** to sell nursery stock. Good reference required. Good wages paid. Nurseries, Desk B 2131 N. Lawrence, Wichita, Kan.

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

**CAN USE** a few old experienced salesmen for Oklahoma and Kansas to act as special representatives in good territory. Write Circulation Manager, Farmers Mail and Breeze, Topeka, Kan.

**AGENTS**—To sell vacuum cleaner; no pump machine; works like carpet sweeper; 3 year guarantee; \$50 to \$100 weekly. Write the Mohawk System, Mfrs., Kansas City, Mo.

**AGENTS** for \$150,000 Government collection Brady War Photographs with Lessing's History of Civil War, just published in one volume. 1500 illustrations. No such opportunity has been offered to agents within recent years. Selling outfits now ready. Send your application for territory at once to Buffton Book Company, 216 Scarritt Bldg., Kansas City, Mo.

## SALESMEN.

**SALESMAN** to sell fruit trees; salary or commission. Western Nursery Co., 1750 Mass. St., Lawrence, Kan.

## PATENTS.

**PATENTS** obtained for \$25. Booklet free. Harry Patton, 360 McGill Bldg., Washington, D. C.

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

**WE HELP YOU PERFECT** your patent so as to make it valuable. Patent, developing, legal and exploiting services. Free booklet. Inventors Service Co., Washington, D. C.

## MISCELLANEOUS.

**LEAF TOBACCO**, to chew or smoke. 20 cents pound. True Cutler, Holt, Mo.

**FOR RENT**—80 acres 6 miles south of Topeka. \$275.00. A. T. Cooley, Grand Valley, Colo.

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

**WANT TO RENT** farm where everything is furnished. L. Matson, Care L. Adams, Cambridge, Kansas.

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

**FENCE POSTS** made from heavy White Oak timber. Ten cents each, car lots. R. R. Reynolds, Onset, Ark.

**BAD DEBTS** collected on commission. Bank reference. Established in this city 1889. N. S. Martin & Co., Arkansas City, Kan.

**POULTRY SUPPLIES**. Send us a postal for our big catalogue of poultry supplies. Garden seeds free with every request for the catalogue. The Western Seed House, Salina, Kan.

**OREGON ALMANAC FREE**—144 pages. Official publication of the Oregon State Immigration Commission. Complete and authentic information on every county of Oregon, its farms, climate, and opportunities. Special questions answered with painstaking detail. Portland Commercial Club, Room 700, Portland, Ore.

**BIG WESTERN WEEKLY** 6 MONTHS 10c—Biggest and best general weekly published in the west. Interesting and instructive departments for young and old. Tells about opportunities in the west for ambitious men. Special offer, 6 months' trial subscription—26 big issues—10c. Address Weekly Capital, Department W. A. 12, Topeka, Kansas.

## New Crop Records For Kansas

Kansas now has a million acres in alfalfa. The figures are from Secretary Coburn's final report for the year. A great showing also is made by the sorghums this year. The returns indicate they are properly taking a larger place in Kansas farming. The increase in acreage over last year amounts to 54 per cent, the total being 1,422,114 acres. For the first time alfalfa has reached the mil-

lion-acre mark, the exact figures being 1,000,785 acres. This represents nearly one-fourth of the whole alfalfa acreage of the United States. With the exception of mules and milk cows, all livestock decreased in numbers through the year.

Kansas' most valuable farm crop in 1912 was corn. According to Secretary Coburn, its value surpassed that of wheat by nearly 12 million dollars, and exceeded that of livestock by almost 11

million dollars. The aggregate value of farm crops and livestock for the year is \$580,155,476, which is greater by 46 millions than the value of 1910 crops which had held the high record previously.

## Granges Unitedly For Waters

At its annual convention held last week at Manhattan the Kansas State Grange gave President Waters of Kansas

Agricultural college its unanimous endorsement for secretary of the department of agriculture at Washington. The state Grange of Missouri took similar action the week previous during its annual session at Kirksville. Every farmer's organization, big or little, should do the same thing and do it early. A western man should be made secretary of agriculture and if a western man is chosen President Waters should be the man.



# MARKET PROBABILITIES

## Heavy Receipts of Cattle Continue and Indicate a Sharp Shortage After Holidays—Christmas Run Of Hogs Also Large and Packers Are Having Their Inning—Sheep Strengthening All Along the Line—Grain and Hay Improving

[Written Specially for the Farmers Mail and Breeze.]

Chicago broke out with another deluge of beef steers Monday and prices were lowered 15 to 25 cents from the low close last week, and to a new low point for the season. Other markets reported comparatively little beef, but were forced down by the Chicago break in prices.

Ante-Christmas supplies of cattle of the old fashioned proportions were received at the western markets last week and operated as a depressing influence. Numbers were not so excessively large so much as the run was principally beef, and of a better sort than markets have been receiving in prior weeks. On the part of the shipper the incentive to move stock was the fact that cattle on feed had made unusual gains, prices were good, a spell of bad weather might break, and needs of Christmas money in some quarters. Feeders saw a real profit in sight at present prices, and a winter always carries its uncertainties, consequently heavy marketing was logical. Prices receded 25 to 40 cents, extremes as much as 50 cents, though at the lower figures values continued much higher than a year ago. The drop in prices however does not alter the bullish position of the market, in fact the liberal marketing with its tax on future supplies operates as a sure source of strength later. If receipts now were abnormally small that would mean that many more for the period following the holidays. Most of the cattle coming are of the 60 to 90 day fed kind, more of them fed less than 75 days than over that length of time. It is about a \$7.75 to \$9.50 deal for that class, with some long term fed beefs making \$10 to \$11, a few that looked Christmasy going at \$11 to \$11.50. From now on the \$10 to \$11 kinds will practically drop out of the quotation list, and the \$7.50 to \$9.50 kinds predominate. Range stuff is all in and meal fed Texans and Oklahoma steers are moving. Beet pulp and hay fed western steers will be a sort of reserve for spring marketing.

### Cow Trade Still Broad.

The lower prices for steers last week had no important effect on the butcher cattle market. Packers continued to go after the cows and heifers at Missouri river points, though in the East there was an easier feeling and in some cases prices were quoted down 10 to 20 cents, mostly on the class that had been fed and for kinds that sold at \$7.50 or better. "Canner" cows were picked up as eagerly as at any previous time this year, and though the canning season is officially closed by the statute of limitation, packers still have plenty of empty cans, and only a few filled ones. Calves were in active demand at firm prices, \$10 to \$11 taking choice ones in the East, and \$9 to \$10 in the West. Bulls and stags sold at firm prices.

### Stocker Trade Limited by Supplies.

Demand for stockers and feeders continued active, though at mid-week there was a period of dullness. The volume of business was limited owing to small receipts. There are plenty of vacant spots to be filled before the first of the year and it begins to look as though many of them will continue vacant owing to lack of supplies. While prices added nothing new in the record column last week, some 500-pound stockers at \$7 to \$7.25, and 1,000-pound feeders at \$7.50 to \$7.65 looked mighty high.

### Hog Values Hit Bumpers.

Hog supplies though fairly liberal the first of the week, were not excessive. Prices were quoted steady to 5 cents lower. The top price in St. Louis was \$7.50, in Chicago \$7.42, in Kansas City \$7.32, in St. Joseph \$7.20, and Omaha \$7.15.

The packers last week were in a bearish mood, made so to a large extent by their failure in former weeks to turn on the downward pressure to any noticeable extent. Early in the week prices had some rebound to them, which was clearly against the bearish principle. Tuesday, however, it was lower prices or a complete lay down, and by Friday in Kansas City, as if to get revenge for exalted prices formerly, packers squeezed speculators in rough shape. The week ending Saturday closed with an irregular decline of 35 to 55 cents, more at river markets than eastward, largely because Missouri river points in the preceding week maintained higher prices than the lake market. Two weeks' receipts of more than 400,000 hogs at the five western markets aided materially in the decline. The liberal supply is characterized as the ante-Christmas run, and in the next few weeks, especially after the holidays, will not be maintained.

### Eight Cents for Lambs.

The 8-cent lamb made its market appearance last week for the first time since early spring, and though its arrival had been expected for some time the actual appearance was a sign for strengthening prices all along the line.

In Chicago some choice lambs made \$8.35, and elsewhere top prices ranged above \$7.55. The offerings were of the short fed type, though in fine condition and showed well worth the money on killing sheets. The newest offerings were pea-fed lambs from the San Luis valley in Colorado. They brought \$7.55. In the sheep line the trade was less active than for lambs, though prices for them improved. Light weight sheep sold more readily than the other kinds, and yearlings just out of lamb clothing made the best mark, going as high as \$7.25. The market now is practically on the basis of fed stuff, with quotations showing a higher range in proportion. Conditions seem to favor still higher prices, as fewer sheep are figured to be on feed now than a year ago.

### The Movement of Livestock.

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

	Cattle	Hogs	Sheep
Kansas City .....	47,800	75,525	27,842
Chicago .....	63,200	173,000	144,000
Omaha .....	23,300	61,000	45,500
St. Louis .....	36,300	69,500	17,800
St. Joseph .....	10,800	53,100	5,600
Total .....	186,900	432,125	260,742
Preceding week .....	184,550	423,900	258,300
Year ago .....	171,900	447,550	252,500

The following table shows receipts of cattle, hogs and sheep at the five western markets, Monday, December 16, together with totals a week ago, and a year ago.

	Cattle	Hogs	Sheep
Kansas City .....	17,000	8,000	5,000
Chicago .....	40,000	35,000	68,000
Omaha .....	5,300	6,300	11,000
St. Louis .....	9,500	11,000	5,000
St. Joseph .....	2,000	4,000	2,000
Totals .....	74,300	67,300	91,000
A week ago .....	55,100	62,300	65,200
A year ago .....	51,075	92,600	59,450

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

	Cattle		Hogs		Sheep	
Per 100 lbs.	1912	1911	1912	1911	1912	1911
Chicago..	\$10.30	\$8.90	\$7.45	\$6.25	\$6.65	\$5.30
Kan. City	10.50	8.75	7.40	6.20	7.00	5.00

### Horse Trade Is Dull.

The holiday dullness has taken the horse and mule trade and consequently there is much uncertainty in the demand. In the past week there was some inquiry and on one or two occasions it looked as though a fair volume of business would develop but after a few sales had been reported demand had practically vanished. Moderate declines have occurred but that is the accompaniment of dullness. Very little trade is expected now until after the holidays.

### Improved Prices for Grain and Hay.

Demand for grain improved moderately this week owing to light receipts but there were only slight advances in prices. Wheat was up about 1 cent, and corn in some cases 2 cents a bushel. Neither grain is moving as freely as had been expected owing to the low prices. Oats held about steady. Prairie hay was quoted up 50 cents to \$1 a ton, and the supply last week was small. Other hay showed no important price change.

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

	Kansas City	St. Louis
Wheat—		
Hard No. 2 .....	\$ .84 @ .87 1/2	\$ .87 @ .91
Soft No. 2 .....	.99 @ 1.03	1.05 @ 1.08 1/2
Corn—		
White No. 2 .....	.45 @ .45 1/2	.49 @ .49 1/2
Mixed corn .....	.46 @ .46 1/2	.46 @ .47
Oats—		
No. 2 white .....	.34 @ .35	.35 @ .35 1/2
No. 2 mixed .....	.32 1/2 @ .33	.33 @ .33 1/2

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

	Wheat		Corn		Oats	
	1912	1911	1912	1911	1912	1911
Chicago...	\$1.06	\$1.09	46½	62¾	35	49½
Kan. City.	1.03	1.04½	46¾	66	40	48¾

### Kansas City Hay Quotations.

Prairie, choice .....	\$12.00 @ 12.50
Prairie, No. 1 .....	10.00 @ 11.50
Prairie, No. 2 .....	8.50 @ 10.00
Prairie, No. 3 .....	6.50 @ 8.00
Timothy, choice .....	13.00 @ 13.50
Timothy, No. 1 .....	11.50 @ 12.50
Timothy, No. 2 .....	8.50 @ 11.00
Timothy, No. 3 .....	5.50 @ 8.00
Clover mixed, choice .....	12.50 @ 13.00
Clover mixed, No. 1 .....	11.00 @ 12.00
Clover mixed, No. 2 .....	9.00 @ 10.50
Clover, choice .....	12.50 @ 13.00
Clover, No. 1 .....	11.50 @ 12.00
Clover, No. 2 .....	10.00 @ 11.00
Clover, No. 3 .....	16.00 @ 17.00
Alfalfa, choice .....	14.50 @ 15.50
Alfalfa, No. 1 .....	11.50 @ 13.50
Alfalfa, No. 2 .....	8.00 @ 10.50
Alfalfa, No. 3 .....	5.50 @ 6.00
Straw .....	5.00 @ 5.50
Packing hay .....	5.00 @ 5.50

### Seeds.

Kafir corn, No. 2 white, \$1.02 1/2 c a cwt.; No. 3 white, 82c a cwt.; alfalfa, \$9.12 a cwt.; flaxseed \$1.05 a bushel; timothy, \$1.50 @ 1.75 a bushel; cane seed, 90c @ \$1.05; millet seed, 95c @ \$1.15.

### Sagging Broomcorn Prices.

Demand for broomcorn is narrow. Few buyers are in the country, and growers show more eagerness to dispose of their holdings than a few weeks ago. The best of this year's crop has found its way into second hands and big broommakers appear indifferent about the remaining crop. Choice green selfworking corn is quoted at \$35 to \$36 a ton; common to fair selfworking, \$50 to \$55 a ton, and other grades \$20 up.

### Livestock in Kansas City.

Cattle prices last week fell 25 to 40 cents, the decline showing all along the line and extending into the finished class. Some 1,741-pound steers sold at \$11.10, the highest price ever paid at this market. Some 1,388-pound steers brought \$10.50, but only a few loads made \$10 or better. Most of the short fed steers sold at \$8 to \$9.50. Butcher cattle were quoted down 10 to 15 cents. Cows sold at \$3.50 to \$7.50, and heifers \$4 to \$9.25. Veal calves sold up to \$10 and bulls up to \$6.25. Stock steers are quoted at \$5.25 to \$7.25, and feeders \$5.50 to \$7.75.

Hog prices in Kansas City fell 55 cents last week to the lowest level since March 20. On Friday packers squeezed the speculators sharply and they were forced to reduce their big holdings, and at the same time prices here which had been higher than in Chicago fell behind the lake market. The top price Saturday was \$7.32 1/2 and bulk \$7 to \$7.30.

The following table shows the range in prices of hogs last week and in the preceding week:

	Last week	Preceding wk.
Monday .....	\$7.60 @ 7.90	\$7.55 @ 7.82 1/2
Tuesday .....	7.45 @ 7.85	7.50 @ 7.80
Wednesday .....	7.30 @ 7.60	7.50 @ 7.75
Thursday .....	7.15 @ 7.50	7.55 @ 7.80
Friday .....	7.00 @ 7.40	7.55 @ 7.85
Saturday .....	7.00 @ 7.32 1/2	7.50 @ 7.80

Western fed lambs sold up to \$7.90 and practically all the fat lambs brought \$7.50 or better. Some feeding lambs brought \$7.00. Yearlings sold up to \$7. Lambs are quoted at \$7 to \$7.90, yearlings \$5.50 to \$7, wethers \$4.25 to \$5 and ewes \$4 to \$4.75.

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

	1912	1911	Inc.	Dec.
Cattle .....	1,860,507	2,076,705	.....	216,198
Calves .....	197,350	241,503	.....	44,153
Hogs .....	2,428,766	3,025,728	.....	596,962
Sheep .....	2,075,867	2,117,595	.....	41,718
H. & M. ....	70,418	82,214	.....	11,796
Cars .....	117,165	126,693	.....	19,528

### Livestock in St. Louis.

Cattle prices last week showed the most important change of the season. Early in the week a lower tendency was evident and the net loss before the close was 25 to 50 cents. Fairly liberal receipts together with lack of shipping demand were factors in the decline. Cows were quoted off 25 cents, and calves held steady. Native beef steers are quoted at \$5.50 to \$10.75, cows and heifers \$4 to \$7, stockers and feeders \$5.25 to \$6.75, Texas and Indian steers \$5 to \$7.75, Texas and Indian cows and heifers \$3.75 to \$5.25, calves \$5 to \$10.25.

A net loss of 30 to 35 cents occurred in hog prices last week, but in the turn downward the St. Louis market remained the high point and fully 5 cents above Chicago. The top price Saturday was \$7.50, and bulk \$7.15 to \$7.40.

Advances of 25 to 50 cents occurred in sheep prices, and the market was firm at the advance. Receipts have been fairly large. Lambs are quoted at \$5.50 to \$8.25, native muttons \$4 to \$5.25, and yearlings up to \$6.90.

The following table shows receipts of cattle, hogs and sheep in St. Louis thus far this year compared with the same period in 1911.

	1912	1911	Inc.	Dec.
Cattle .....	1,134,453	1,028,077	106,376	.....
Hogs .....	2,378,736	2,946,403	.....	567,667
Sheep .....	1,010,262	952,309	57,953	.....
H. & M. ....	153,156	185,583	.....	12,427
Cars .....	79,953	83,392	.....	4,439

### Livestock in St. Joseph.

Last week added to the declines in cattle that started in the preceding week, and the market at the decline was dull. Receipts were not heavy for the time of the year but the loss in prices was caused by declines elsewhere which practically closed the trade to outside competition. There was some shipping demand from nearby butchers. Dressed beef steers are quoted at \$6.50 to \$10.25, cows and heifers \$3.65 to \$8.25, calves \$5 to \$9.75, stockers and feeders \$5 to \$6.75. A few feeders sold at \$6.65, but sales above \$6.50 were scarce.

About 55 to 60 cents was taken off of hog values last week, and the market closed in the lowest position since March. Receipts have been liberal, and the quality of the offerings was good. The top price Saturday was \$7.25 and bulk \$7 to \$7.15.

Sheep recorded a good 25 to 40 cent advance last week and prices were the highest of the season. The trade was active, and killers were anxious for all of the offerings available. Lambs are quoted at \$7 to \$8, yearlings \$5.25 to \$6.65, wethers \$4.25 to \$5, and ewes \$4 to \$4.75.

The following table shows receipts of livestock in St. Joseph thus far this year compared with the same period in 1911.

	1912	1911	Inc.	Dec.
Cattle .....	476,130	492,784	.....	16,654
Hogs .....	1,893,655	1,787,234	111,421	.....
Sheep .....	713,755	681,064	32,691	.....
H. & M. ....	37,240	40,907	.....	3,667

### Butter, Eggs and Poultry.

Elgin, Dec. 16.—Butter this week is firm at 34 cents.

Kansas City, Dec. 16.—Prices this week on produce are:

Eggs—Firsts, new white wood cases included, 24 @ 25c a doz.; seconds, 16 @ 17c.

Butter—Creamery, extras, 34 1/2 @ 35c a lb.; firsts, 32 @ 33 1/2c; seconds, 30 @ 30 1/2c; packing stock, 21c.

Live Poultry—Broilers, 14 @ 15c a lb.;

spring chickens, 11 @ 12c; hens, 10 @ 10 1/2c;

young roosters, 9c; old roosters, 8c; young

turkeys and turkey hens, 15 1/2 @ 16 1/2c; old

toms, 12 1/2 @ 14 1/2c; cull turkeys, 10c; ducks,

12c; geese, 9 @ 10c; pigeons, 75c a doz.

### Produce Prices New and One Year Ago.

(Quotations on Best Stock.)

	Butter		Eggs		Hens	
	1912	1911	1912	1911	1912	1911
Chicago...	33	34	23	31	11	29
Kan. City..	35	35	25	31	10 1/2	29 1/2

### Howe's Good Duroc Sale.

J. U. Howe, Wichita, Kan., sold December 12, 40 head of Durocs that brought \$1,239. The eight tried sows averaged \$41. The 40 head including spring pigs and boars of which the offering mostly consisted, averaged right at \$31. Breeders and buyers from surrounding towns and counties were in evidence, a few came up from Oklahoma. Every indication as evidenced by this sale gives assurance of a strong demand for purebred breeding stock and advanced prices may be expected in the near future. Cole Snyder and Arnold did the selling. It was a satisfactory auction to all concerned. The following is a representative list of sales.

FEMALES.	
No.	
4—W. R. Crow, Hutchinson, Kan. ....	\$65.00
5—A. W. Haas, Valley Center, Kan. ....	50.00
6—J. C. Reynolds, Valley Center, Kan. ....	48.00
7—P. M. Drake, Valley Center, Kan. ....	48.00
8—H. M. Harrington, Clearwater, Kan. ....	50.00
10—Dennis Loomis, Garden Plain, Kan. ....	50.00
13—S. C. Campbell, Enid, Okla. ....	33.00
14—H. H. Hoar, Carver, Okla. ....	33.00
16—G. T. Sykes, Wichita, Kan. ....	24.00
23—H. A. J. Coppins, Wichita, Kan. ....	24.00
30—G. W. Hettrick, Milledale, Kan. ....	31.00
31—Page House, Wichita, Kan. ....	23.00
32—S. S. Spittler, Wichita, Kan. ....	25.00
33—C. R. Myers, Udall, Kan. ....	33.00
43—John Harder, Whitewater, Kan. ....	31.00

MALES.	
No.	
2—Earl Doud, Wichita, Kan. ....	45.00
17—P. M. Drake, Valley Center, Kan. ....	31.00
25—John Harder, Whitewater, Kan. ....	26.00
26—Wm. Corber, Wichita, Kan. ....	16.00
29—J. W. Hall, Cheney, Kan. ....	24.00
35—Page House, Wichita, Kan. ....	28.00
36—J. O. Eastman, Greenwich, Kan. ....	21.00
37—Chas. Myers, Udall, Kan. ....	33.00
42—W. R. Crow, Hutchinson, Kan. ....	20.00

### Carter's Duroc-Jersey Sale.

Leon Carter, Asherville, Kan., has recently purchased of W. T. Fitch, Minneapolis, Kan., Riverbend Col. This boar has been in service in Mr. Fitch's herd for two years and has covered himself with glory as a breeder. At the Ottawa county fair this fall he was senior grand champion and last season his get just about swept the platter in the under 6 months class. The date of Mr. Carter's bred sow sale is January 30. He has 45 sows bred for this event. Dreamland Col., by Waveland Col., and L. C.'s Defender, by old Defender, are two herd boars that were bought from eastern herds of well known reputation. The breeding is very popular and new blood in Kansas, Riverbend Col. was sired by Muncie Chief and the three boars are as good as any in the West. Mr. Carter's coming bred sow sale will be advertised in Farmers Mail and Breeze in due time. Arrange to attend this good sale. Everything is insured.

### Why Huston Stopped His Ad.

Several days ago we received a letter from W. R. Huston of Americus, Kan., which reads as follows: "I would like February 25 as a date for bred sow sale. Please let me know at once if that date suits; if not, when would you suggest? Please discontinue boar advertisement as I am nearly sold out of good ones. Please have ad stopped at once as I want those inquiries to quit, till I have something to sell." This certainly speaks well for the high quality Durocs which Mr. Huston breeds, also for the pulling power of Farmers Mail and Breeze.

### Badges for Boy Top Notchers

The boys of Jewell county, Kansas, now have a corn club of their own. On the last day of the county farmers' institute, the boys attending it got together and organized for business. Clarence Emery was chosen president and Marion Walker, secretary. Both live near Mankato. Next year this club will have charge of the corn contest held in connection with the institute and several other lines of work are being laid out that will prove instructive as well as interesting. The club also will have a "topnotch" division and every boy raising 60 or more bushels of corn per acre will be entitled to an honor badge.

### Wrong Doers Take Notice

Among the standing rewards offered by the Anti-Horsethief association of Oklahoma is \$500 for the conviction of any person who murders or injures a member of the organization, and \$100 for the conviction of a person stealing a horse or mule from a member. In case of a member being killed while on duty in running down a criminal the association will pay \$1,000 to his family. A recent addition to the list is \$500 for the conviction of any person committing a crime against a woman in the family or under the protection of a member of the association.





## Bergner & Sons' Coach Horses

**65 Head** German Coach Horses, with Size, Beauty and Action

A general purpose horse that fits the farmer's need. Write for further particulars. We are offering stallions at prices you will be able to pay for with proceeds of one season's stand. Also mares either single or in matched teams. Write or call soon.

**J. C. BERGNER & SONS, "Waldock Rancho," Pratt, Kan.**

## Imported Stallions: Percheron, Shire, Belgian

Each year we show our New Importation the same Month they land. Each year they win more than all other Exhibitors combined. At the American Royal this year, we won 2nd on 4-year-old Percheron, 1st, 3rd and 4th on 3-year-old, 1st and 3rd on 2-year-old, and 1st and Champion Group of Five Stallions. Our Horses are Handsome and the best to buy; Our Guarantee and Insurance the very best.

**PERCHERON IMPORTING CO., Chas. R. Kirk, South St. Joseph, Mo.**

## Imported Percheron Stallions, Jacks and Jennets



FOR SALE: 5 imported Percheron stallions 4 to 6 yrs. old and all tried and regular breeders. Can show colts. Weight 1800 to 2200 lbs., one Morgan stallion 7 yrs. old. Ten head large black jacks two to seven yrs. old. All broke. Good performers. Can show colts and mares in foal. 10 head big black jennets all bred to our imported jack. Prices reasonable. Our horses and jacks were shown at the Hutchinson State Fair this year in six different classes and won in every class. Write or come to farm 4 miles from Raymond or Chase.

**J. P. & M. H. MALONE, CHASE, KANSAS**



## They Are So Different!

All Imported, both PERCHERONS and BELGIANS. Last importation arrived Sept. 1st. The selects of both countries. I buy my own horses. All sound, big, flat boned. Ages, two and three years. Prices reasonable. Perfect guarantee goes with each horse and for two years at that.

**W. H. RICHARDS, V. S., (Stables in the City) Emporia, Kansas**

## Robison's Percherons

Stud headed by the champion, Casino 27830 (45462.)

Stallions and Mares, all ages for sale.

Importation of 40 head landed at the farm September 23; 30 head more landed here October 20. All are for sale.

**J. C. Robison, Towanda, Kan.**



**PIONEER STOCK FARM** We have on hands at all times Percheron, Belgian, Shire and German Coach stallions and mares from weanlings to 6 years old. Imported and home bred stallions and mares weighing up to a ton or better. They are priced to sell. I am selling all the time. Can show you. Come and see.

**JOHN W. WADDILL & SON, (Adair County), BRASHEAR, MO.**

## 50 - PERCHERON STALLIONS - 50

Bishop Brothers have 50 big boned stallions that weigh 1,700 to 2,100 pounds that they can and will sell for less money than any firm in the business. We have them to sell. Write us.

**BISHOP BROTHERS, Box A, TOWANDA KANSAS.**

## PERCHERON AND ROYAL BELGIAN Stallions and Mares

Our recent importations are now for sale. You will like the type because they have the QUALITY, BONE and WEIGHT AND are PRICED RIGHT. Come on write,

**Wolf Brothers, Box B, Albion, Nebraska**



The West's Largest Importing and Breeding Establishment. Importers and Breeders of

## Percherons, Belgians and Shire Stallions and Mares

**120 Head to Select from**

Our Stallions and mares are strong and massive, with great quality, style and conformation, with splendid color and dispositions. They are selected with an eye single to the wants of the most critical American buyers, and we can sell them for less money than any one in the business, quality considered. The stallions will go into any community and command the best mares, command the men who are the best pay and who take the best care of their stock. Let us know your wants. We can suit you in both price and quality.

**L. R. WILEY, Emporia, Kan.**

# Lamer's Percheron Sale

## Salina, Kan., Friday, Dec. 27, 1912

We will sell at Salina, Kansas, on Friday, December 27, 1912, Fifty-seven (57) head of imported and home-grown Mares and Stallions, consisting of:

**24 Mares, 2 to 5 years old, in foal**

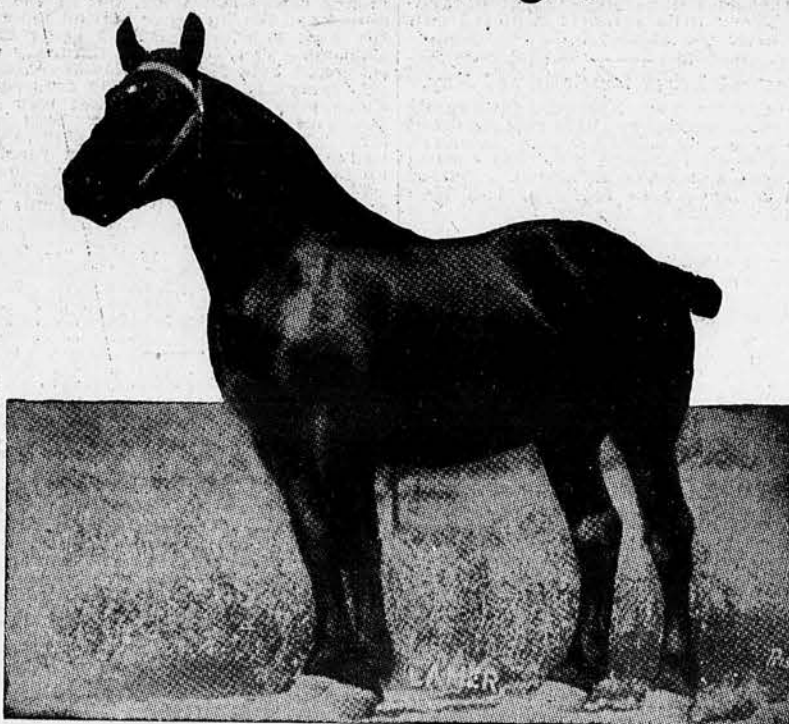
**7 "Yearling" Mares**

**12 "Suckling Colts"**

**10 Stallions, 2 to 5 years old**

**3 "Yearling" Stallions**

**1 Imported Hackney Stallion, 2 Jacks**



This consignment of horses was very carefully selected by me during the past summer and I can say, without the least hesitancy, that they are as good, or better, a lot as will be offered at public auction this winter.

Our aged mares are all in foal by the best Stallions in the country and I can assure you that I bought only the kind that would build up a reputation for myself and establish a foundation of a family of horses.

We also have 40 Percheron and Belgian Stallions in the stables,—from 2 to 5 years old, weighing from 1,700 to 2,100 pounds,—that we are offering at private sale.

**Date of Sale December 27, 1912. Write for Catalogue.**

P. S.—On the following day, Saturday, December 28, 1912, we will sell 100 head of grade farm mares and mules

**C. W. LAMER & CO., Salina, Kan.**



## 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, 820 Lincoln St., Topeka, Kan., Kansas and Nebraska.  
C. H. Walker, Kansas, Missouri and Nebraska, 3632 Flora Ave., Kansas City, Mo.  
Geo. W. Berry, E. Kansas and southern Missouri, Capper Bldg., Topeka, Kan.  
H. W. Graham, Iowa and Illinois, Chillicothe, Mo.  
E. R. Dersey, Girard, Kan.

### PUREBRED STOCK SALES.

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

### Combination Sale.

Feb. 12-13-14—L. E. Wooderson, Mgr., Caldwell, Kan.

### Percheron Horses.

Dec. 27—C. W. Lamer & Co., Salina, Kan.  
Feb. 20—The Knuckles Co. (Nebr.) Horse Breeders' assn., Percy Baird, Sec., at Lincoln.

### Jacks and Jennets.

Feb. 6—Limerick & Bradford, Columbia, Mo.

### Poland China Hogs.

Jan. 15—P. I. McEchron, Princeton, Kan.  
Jan. 17—S. A. Roberts, Knoxville, Ia.  
Jan. 21—Peter Ellerbroek Est., Sheldon, Ia.  
Jan. 22—E. Gritters, Hull, Ia.  
Jan. 22—G. L. Hawley, Horton, Mo.  
Jan. 30—C. W. Jones, Solomon, Kan.  
Feb. 5—J. L. Griffiths, Riley, Kan.  
Feb. 5—Williams Bros., Clarinda, Ia.  
Feb. 6—H. Fesenmeyer, Danville, Kan.  
Feb. 7—Olivier & Sons, Braddyville, Ia.  
Feb. 7—J. O. James, Sabatha, Kan.  
Feb. 12—T. J. Meisner, Effingham, Kan.  
Feb. 14—H. B. Walter, Effingham, Kan.  
Feb. 14—C. M. Prater, Oxford, Kan.  
Feb. 15—Thos. F. Walker & Son, Alexandria, Neb.  
Feb. 18—J. H. Harter, Westmoreland, Kan.  
Feb. 21—R. W. Halford, Manning, Ia.  
Feb. 22—C. L. Branick, Hlawatha, Kan.  
Feb. 22—C. C. Ingram, Bloomington, Neb.  
Feb. 25—Deming Ranch, Oswego, Kan.  
Feb. 26—J. W. Pfander & Sons, Clarinda, Ia.  
Feb. 26—L. R. McClarnon, Braddyville, Ia.

### Duroc-Jersey Hogs.

Jan. 8—Mungell & Isenberg, Herington, Kan.  
Jan. 16—H. E. Miner, Guide Rock, Nebr.  
Jan. 16—F. C. Crocker, Filley, Neb.  
Jan. 22—Thompson Bros., Garrison, Kan.  
Jan. 24—John Higgins, Abilene, Kan.  
Jan. 29—W. E. Monasmith, Formoso, Kan.  
Jan. 30—Leon Carter, Asherville, Kan.  
Jan. 31—W. H. Seddon, Persia, Ia.  
Feb. 1—Geo. P. Philippi, Lebanon, Kan., at Esbon, Kan.  
Feb. 4—J. O. Hunt, Marysville, Kan.  
Feb. 5—Mosier & Fitzwater, Goff, Kan.  
Feb. 5—Samuelson Bros., Cleburne, Kan.  
Feb. 6—Samuelson Bros., Blaine, Kan.  
Feb. 5—Mosier & Fitzwater, Goff, Kan.  
Feb. 7—Agricultural College, Manhattan, Kan.  
Feb. 7—A. T. Cross, Guide Rock, Neb.  
Feb. 8—Hammond & Buskirk, Newton, Kan.  
Feb. 8—Geo. E. Garrett, Bloomington, Neb.  
Feb. 11—H. H. Shaw, Hebron, Neb.  
Feb. 19—E. M. Myers, Burr Oak, Kan.  
Feb. 19—Geo. W. Schwab, Clay Center, Nebr.  
Feb. 20—Rinehart & Son, Smith Center, Kan.  
Feb. 20—Chas. Stith, Eureka, Kan.  
Feb. 21—W. C. Whitney, Agra, Kan.

### Berkshire Hogs.

Feb. 7—Agricultural College, Manhattan, Kan.

### O. I. C. Swine.

Feb. 6—H. L. Bode, Friend, Neb.  
Feb. 7—Chas. H. Murray, Friend, Neb.

### Hampshire Hogs.

Jan. 23—T. W. Lavelock, Princeton, Kan.

### Polled Durham Cattle.

Jan. 2—Achenbach Bros., Washington, Kan.

### Holsteins.

Feb. 4—Rock Brook Farm, Omaha, Neb.

### Herefords.

Jan. 13—Ben Anderson, Knox City, Mo.  
Feb. 26—Warren T. McCray, Kentland, Ind.

### Fine Compliment For Truman

The cable announces that J. G. Truman, of Truman's Pioneer Stud Farm, Bushnell, Ill., has been elected president of the Thorney Shire Horse Show, one of the leading local shows of England. This is a fine compliment and a deserved recognition of an American breeder and importer who has done more to make the shire horse known and appreciated in the United States than any other man.

### J. H. Lee Made a Director

The Percheron Society of America chose J. H. Lee, of Harveyville, Kan., for one of its directors at its annual meeting held at Chicago at the week of the International Livestock Show. While the recognition is due Kansas as one of the

foremost Percheron states, the society could hardly have selected a more alive and enthusiastic Percheron breeder for the honor.

The society has had a very prosperous year. More animals were recorded, by 2,000, than any previous year's record shows. Total number registered for year ending October 31, 1912, was 10,132. During the same period the membership of the society was increased by 709, making a total of 4,600 members in the United States and Canada. The society paid out

Farmers Mail and Breeze, Topeka, Kan.  
Gentlemen:—Your statement of \$16.00 at hand and will say have sold my place through your paper for \$34,820. Money well spent.  
Very truly yours,  
C. F. FAY, Haigler, Neb.

December 3, 1912.

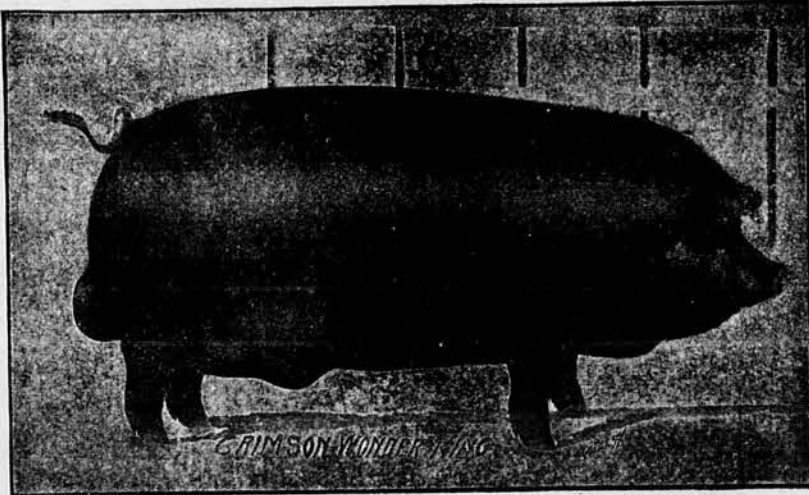
more than \$11,000 during the year as prize money at 54 different fairs and shows. Officers elected for the ensuing year are: President, A. P. Nave, Attica, Ind.; vice-president, W. S. Corsa, Whitehall, Ill.; secretary, Wayne Dinsmore, Chicago, Ill.; board of directors, C. M. North, Grand Island, Nebr.; J. H. Lee, Harveyville, Kan., A. P. Nave, and W. S. Corsa.

### Kansas and Oklahoma.

BY A. B. HUNTER.

### Grand Champion Four State Fairs.

R. B. Baird, Central City, Neb., whose Poland China herd was the sensation of the fairs he visited last season, has selected January 25 as his sale date. Write him today for a catalog. They will be out early. This catalog will be good reading. His great boar, Columbus, weighs 1,050 pounds



and won first, champion and grand champion at four state fairs. Last year Baird's herd won 86 prizes, 17 grand champions, 35 firsts, 14 seconds, 14 thirds and 6 fourths. What do you think of that? Write for his catalog, mentioning Farmers Mail and Breeze.

### Prater Poland Chinas.

C. M. Prater, Oxford, Kan., will hold a closing out sale at his farm near Oxford, Friday, February 14. He will offer 40 head of Poland Chinas, consisting of tried sows, spring boars and gilts and fall pigs. The sows and gilts will all be safe in pig to his two great herd boars, Master Stroke by Master Meddler, a litter mate to Master Meddler 2d, and Edgewood, by Sentinel. Both of these outstanding herd boars go in the sale. The writer recently visited this herd and was greatly surprised to find such a herd of hogs. They are equal in breeding to any herd in the state of Kansas and a number with proper fitting could win at the big shows. Masterstroke, the boar that most of the spring boars and gilts are by, is a wonderful sire. He is a litter mate to Frank Winn's Master Meddler 2d. Masterstroke goes in the sale. Write today for catalog, mentioning Farmers Mail and Breeze.

### Chas. Stith's Durocs.

Chas. Stith, Eureka, Kan., will hold a bred sow sale Thursday, February 20. The writer recently visited this herd and was pleased to note the constant improvement that has taken place in this herd. Mr. Stith now has nearly 200 head, all purebred and thrifty Durocs. In this herd are 25 tried herd sows, all immune. The fall crop of pigs out of these sows shows more quality and size than is usually seen in the best herds. At the head of this herd is Model Duroc, the sire of these good fall pigs. Model Duroc is by Dandy Duke and out of Greenwood Queen. Dandy Duke was grand champion at the American Royal and the sire of Beauty's Babe, grand champion at Hutchinson State Fair, 1911. Mr. Stith a few years ago went out to the shows and won a number of prizes. The way Model Duroc's pigs are showing up we prophesy trouble for those who show against

"Charley" when he starts out to show again. If you want any kind of Duroc breeding stock write Mr. Stith today, mentioning Farmers Mail and Breeze.

### Kansas and Nebraska.

BY J. W. JOHNSON.

L. E. Holmes, Bloomington, Neb., a Poland China breeder, is offering sows, bred to Hyden's Big Hadley, by Big Hadley, for March and April farrow. This herd boar is one of the best strictly big type boars in southern Nebraska and litters from him will look good next spring. Ask Mr. Holmes to price you a sow bred to him.

### Crocker's Spring Sale.

F. C. Crocker, Filley, Neb., will sell a draft of 50 spring gilts from his Duroc-Jersey herd Thursday, January 16. The draft of 50 gilts are the actual tops of 100 head. The sale will be made in Beatrice in nice, comfortable quarters. Mr. Crocker is well known because of the interest he has displayed in behalf of the swine industry of Nebraska and because of the posi-

tion he holds as president of the Nebraska State Swine Breeders association. You are invited to be the guest of Mr. Crocker on the above date and you are requested to register at the Paddock hotel as his guest while in Beatrice. Ask Mr. Crocker to book you for a catalog. Mention Farmers Mail and Breeze.

### O. I. C. Herd Boars.

In this issue F. C. Gookin, Russell, Kan., changes his advertisement and is offering two choice herd boars and some good gilts, bred, at \$25 while they last. Mr. Gookin is sold out of boars with the exception of the two herd boars which he is offering. He has had a splendid trade all season and has recently bought a new herd boar. Write him about a bred gilt or one of these boars.

### Look at This Boar.

John T. Higgins offers for sale one of his herd boars, Crimson Wonder King. This boar is owned jointly by Mr. Higgins and J. D. Shepherd of Abilene. Litter mates to this boar head the R. & S. herd at Smith Center, Kan., and the good herd of

He will sell 35 head, 10 tried sows and 25 fall gilts that are in the best possible breeding condition and bred to Sunkist Chief, the new boar that Mr. Miner bought at the Iowa State Fair this fall where he was the first premium pig under 6 months. The 25 gilts are by Model H. and bred to this young boar. The 10 tried sows are bred to Model H. Everything bred for early spring farrow. The offering is one of the very best to be made this season and breeders should arrange to attend or be represented in the sale. Mail bids may be sent to the Farmers Mail and Breeze representative in care of Mr. Miner. Watch for display advertisement and fieldnotes.

### Cross's Duroc-Jersey Sows.

A. T. Cross, Guide Rock, Neb., will not hold a bred sow sale this winter. The reason is that he believes in the future of the Duroc-Jersey hog business and is keeping

### JACKS AND JENNETS.

**BEST MAMMOTH JACKS IN KENTUCKY.**  
We have forty-five of the best, big bone, Mammoth jacks in Kentucky. Visit the Cloverdale Farm and save two or three large profits. Write for circular and testimonials. H. T. BROWN & CO., Box B, Lexington, Ky.

**Jacks and Jennets**  
One of the largest selections of large Black Mammoth Jacks in the West. In 10 hands standard. I have the large kind that all are looking for; the kind that bring the large high-class mule. Reference: the five banks of Lawrence.

AL. E. SMITH, LAWRENCE, KANSAS.

### PUREBRED HORSES.

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

**Percheron and Belgian Stallions and Mares.** Imported and home bred. Easy terms. HART BROS., OSCEOLA, IOWA.

**200 Percherons** Stallions and Mares For Sale. Singmaster & Son, Keota, Iowa

**Truman's Pioneer Stud Farm**  
America's Largest Importers

**Shire, Percheron and Belgian Horses**  
Write for Illustrated Catalogue.  
TRUMAN'S, Box E, BUSHNELL, ILLINOIS

### STALLIONS and JACKS

Percherons and Belgians, also Mammoth Jacks and Jennets. State Fair winners and all at prices that will move them. Write today describing your wants.

C. F. COOPER

R. 4, Box 4, Hutchinson, Kan.

**PERCHERONS BELGIANS SHIRES**  
ONE OF THE OLDEST AND LARGEST IMPORTERS IN AMERICA

Our horses are big, smooth flat-boned fellows, with great quality style and conformation. Will please the most critical. Prices reasonable. Satisfaction guaranteed. Letters from hundreds of satisfied customers and big illustrated catalog mailed free.  
Watson, Woods Bros. & Kelly Co.  
BOX 1 LINCOLN, NEB.

### Belgian and Percheron Stallions and Belgian Mares

Imported and Home-Bred, ELEVEN American Royal Prize Winners. All of our horses have been selected with extreme care as to breeding qualities. Every one sound and fully acclimated. Sold with breeding guarantee and terms to suit and at farmers' prices. Come and see us. Write for particulars.

BLUE VALLEY STOCK FARM, Blue Mound, Linn County, Kansas.

### OIL-OIL-OIL

WHOLESALE PRICE TO CONSUMERS—Combining best quality with low price. NO WATER IN MY KEROSENE OR GASOLINE.

XXX 46 gravity water white kerosene.....\$5.50 for 52 gal. bbl.  
XX 42 gravity kerosene (the kind usually sold) .....\$4.75 for 52 gal. bbl.  
XXX 64 gravity gasoline.....\$8.75 for 52 gal. bbl.  
1 case graphite axle grease (2 doz. 3 pound pails) .....\$3.50  
40 gravity prime white stove distillate.....\$4.25 for 52 gal. bbl.  
38 gravity stove distillate.....\$4.00 for 52 gal. bbl.  
60 gallon (26 gauge) galvanized steel tank with pump and hood cover complete—a great convenience in every home.....\$3.60  
Extra heavy pure crude oil, steamed and settled, (black oil) good lubricant, just the thing for greasing tools.....\$3.50 for 52 gal. bbl.  
STANNARD'S PROCESSED CRUDE OIL, the best dip made for killing lice and curing mange. One application will do more to kill lice and cure mange than three applications of any other dip made (it destroys the nits).....\$5.00 for 52 gal. bbl.  
I also carry a full line of lubricating oils.  
I pay \$1.25 each for crude oil barrels, \$1.50 each for refined oil barrels, returned to me at refinery in good order, freight prepaid. Send the money with your order.  
C. A. STANNARD, BOX M, EMPORIA, KAN.



for his own use 50 of the choicest fall, spring and tried sows on his farm. They are bred for March and early April farrow and are as toppy a lot of bred sows as are owned in Nebraska. Mr. Cross figures that he should raise around 300 pigs from this bunch of picked sows that will put him in the hog business right next season. His 200 acre Republican river bottom farm has been very productive this season and he has just finished corn shucking and has over 5,000 bushels of corn in his cribs. At the head of his herd of Duroc-Jerseys are two herd boars that have become very popular, Col. C. and Prince Wonder 2d. Prince Wonder 2d is particularly popular in Kansas where much of his get is to be found. Both boars are of the best of breeding. Watch the result from the 50 sows Mr. Cross has picked for his own use.

#### Amcoats's Shorthorn Sale.

In this issue S. B. Amcoats, Clay Center, Kan., is offering a 2-year-old pure Scotch bull and some young bulls, Scotch and Scotch topped, for sale. He is also offering a few cows and heifers for sale. Mr. Amcoats's Shorthorn herd is one of the real strong herds of the state. Two years ago he bought the actual tops of around 30 head from the Fred Gifford herd at Wakefield, Kan., which was added to his already strong herd. The Gifford herd was fresh from victories in a number of good shows of a season or two before. In selling to Mr. Amcoats Mr. Gifford dispersed his herd

#### LIVESTOCK AUCTIONEERS.

**Wm. H. Harper, LIVESTOCK Auctioneer.**  
GLASCO, KANSAS. Phone for Dates.

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

**Col. D.F. Perkins, Concordia, Kan.**  
Up-to-date methods in the Auction business. Purebred stock sales and big sales generally. Write for dates.

**Chas. E. Reeble, Emporia, Kan.**  
Pure Bred Live Stock and Real Estate Auctioneer.  
Speaks German. Write or wire for dates.

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

**J. H. JONES, LIVE STOCK**  
600 Kan. Ave., Topeka  
and farm sales solicited. 16 years experience.

**Lafe Burger** Live Stock and Real Estate Auctioneer  
Wellington, Kan.

**L. R. BRADY LIVESTOCK AUCTIONEER**  
Manhattan, Kan. Write or wire for dates.

**COL. S. B. YOUNG, Osborne, Kan.**  
Livestock Auctioneer. Write for dates.

**T. E. GORDON, WATERVILLE, KANS.**  
Livestock and Real Estate Auctioneer.  
WRITE FOR DATES.

**JAS. W. SPARKS Live Stock Auctioneer**  
MARSHALL, MO.

**Will Myers,** Livestock Auctioneer  
Beloit, Kansas.  
Write or phone for dates. I am located right to give good service.

**Col. J. R. LOYD, ATHOL, KANSAS.**  
LIVESTOCK AUCTIONEER.  
Write for terms and dates, and reference.

**Col. N. B. PRICE,** Mankato, Kans.  
LIVESTOCK AUCTIONEER.  
Phone or write for dates. Bonney K. heads my Duroc-Jersey herd

**COL. FRANK REGAN,**  
ESBON, KANSAS.  
Livestock Auctioneer. Write for open dates.

**G. C. DENNEY GUIDE ROCK,**  
Nebr. Livestock Auctioneer. Pure bred stock sales and big farm sales. Write or phone.

**R. H. DENGATE, Lucas, Kan.**  
LIVESTOCK AUCTIONEER.  
DATES CLAIMED ARE PROTECTED.

**N. S. HOYT, Mankato, Kan.**  
Livestock Auctioneer. Big Horse and other Stock Sales a specialty. Terms reasonable. Special service to breeders.

**G. A. DRYBREAD Elk City, Kans.**  
Live stock and farm sales made anywhere. Give me a trial. Satisfaction guaranteed.

**FRANK J. ZAUN FINE STOCK AUCTIONEER**  
INDEPENDENCE, MO. Bell Phone, 675 Ind.  
"GET ZAUN, HE KNOWS HOW!"



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

which had been prominent for nearly 30 years. The combination of the two herds at Clay Center is readily conceded one of the strongest in the West. The young bulls that Mr. Amcoats is offering are out of choice cows and a herd bull of reputation. The 2-year-old pure Scotch bull is one of real merit. A few cows and heifers are offered. Write, mentioning Farmers Mail and Breeze for full particulars.

#### A Reliable Poultry Firm.

The Nebraska Poultry Company, at Clay Center, Neb., was established about 10 years ago and has grown to be the biggest industry of the kind in the world. Forty-two breeds of poultry are raised by this company and the stock and eggs are sold for breeding purposes all over the United States. W. F. Holcomb, the manager, organized the company in a modest way 10 years ago and by the strictest of fair dealing and good business methods has built the company up to where it is a marvelous institution. The 42 breeds are bred on different farms and are under the direct supervision of Manager Holcomb, who devotes all of his time to the business. Mr. Holcomb has just completed a fine new office building which is the new home of the company. A big packing department is in connection and all of their shipping crates, which are made of the lightest material, are made here. The baskets for shipping eggs are bought by the carload. Last season they shipped for hatching over 300,000 eggs. All of standard breeds. The immense business has been built up and made a big success because of the fair and honest methods always practiced. Testimonials that would fill their catalog every year are voluntarily offered. If you are interested in any kind of purebred poultry write the Nebraska Poultry Company for information of any kind and it will be forthcoming. Get their prices on farm raised poultry handled by experts before you buy elsewhere.

#### Kansas, Missouri and Iowa.

BY C. H. WALKER.

#### Cloverdale Jacks and Percherons.

The Cloverdale Farm, H. T. Brown & Co., Lexington, Ky., proprietors, announces its offering of Kentucky Mammoth Jacks and Percheron stallions and mares. The Jacks include 45 of the best, biggest boned Kentucky Mammoths in the Bluegrass state. These Jacks are sired by the famous Dr. McCord 1776, Big Mac, King Grant 683, Clark 1891, and Cook's Napoleon 848, the sire of more big 2, 3 and 4-year-old Jacks than any other sire in Kentucky. These Jacks are all registered or eligible. They are bred in old Kentucky—real Kentucky Mammoths. The Percherons include 32 head, all registered. There are both stallions and mares ranging in age from yearlings to 5-years-old. Blacks and grays. All this stock—jacks and horses—is priced low—priced where it can be handled by our readers at a profit, and you are cordially invited to investigate.

#### Weller's Boar Bargains.

J. E. Weller, of Faucett, Mo., is making attractive prices on a number of toppy Duroc-Jersey boar pigs of April farrow and a number of later ones farrowed in July and early fall. These are by Red Rambler 97511, considered the best breeding son of Crimson Rambler, the boar that for a good many years sired the largest number of first prize winners at the strong Interstate Show at St. Joseph, Mo. These are out of Mr. Weller's best bred sows, which include daughters of Hanley, Ambition, Crimson Wonder Again and Tip Top Notcher. The April boars will weigh better than 200 pounds; are strong of bone and desirable throughout. The later pigs show extra stretch, good heads and feet and are the kind with an outcome. At the very low price of \$25, this offer is indeed attractive. Mr. Weller also has a number of choice April gilts which he will sell, bred to E. Pluribus Unum 130853, the young boar recently added to the herd. He is a son of La Follette's Last, by old La Follette, and is out of a dam by Malcolm's Model 13879. Mr. Weller has gained a reputation for good reliable breeding stock, and enjoys a good trade in a big territory. Look up his card in this issue and write him. Kindly mention this paper when making inquiry.

#### Kansas and Missouri

GEO. W. BERRY.

#### Achenbach's Polled Durham Sale.

The public sale of Polled Durham cattle announced by Achenbach Brothers, to be held at Washington, Kans., January 2, is an event of unusual importance. Because of the rapidly increasing demand for Polled Durhams the breeding stock has generally been absorbed by ready customers, and very few auctions of cattle of this breed have been held. Achenbach Bros. are among the oldest and most successful breeders of Polled Durhams and have retained their choice females until they have built up one of the largest herds of the breed in pursuance of their policy to establish a herd of strictly choice cows deeply bred in polled blood. Their herd comprises the largest selection of choicely bred females of uniform type and combining the breed characteristics, rare fleshing and milking qualities with nicely polled heads, to be found on one farm in the West. They now feel that they are in a position to spare a portion of their cows and heifers, and will divide the herd with the public. The offering will be fairly representative of the herd and, in the broader sense, will reflect credit on the breed. The sale includes 25 cows and heifers, which have been carefully selected, and, added to these, one of the herd bulls, The Baron X 7435, and 11 choice, young bulls, with the purpose of making an attractive offering. The cows that will be sold are by such bulls as Belvedere X 2712, a champion show bull owned by Achenbach Bros. for several years, and Orange Cur X 5565, a Scotch bred Double Standard Polled Durham bull and a sire of prize winners. The young bulls and heifers were got by The Baron X 7435, a bull of extraordinary scale, a winner at the state fairs of Iowa, Nebraska and Kansas, a deeply bred Scotch bull whose pedigree is unexcelled in either the Polled Durham or the Shorthorn records. Eight head of females are bred to Meadow Sultan X 8721, a pure white bull that has been a prize winner wherever shown since a calf and conceded to be one of the great

bulls of the breed. The balance of the cows are bred or have calves at foot by The Baron X 7435. The cows with their calves by these great bulls will make attractions and prove profitable investments on the farms where they are purchased. The catalogue will be mailed on application to Achenbach Brothers, Washington, Kans.

#### Missouri, Kansas and Iowa.

BY ED. R. DORSEY.

On the 4th day of February, the Platte County Sale Company, under the management of J. B. Dillingham, of Platte City, Missouri, will sell fifty Jacks and thirty Jennets. A few of the Jennets have young Jack colts at heels. Platte county is one of the leading Jack and mule counties of the world and has been for ages. At the World's Fair at St. Louis in 1904, mules bred in Platte county and sired by the Platte county Jacks, won the following prizes: 1st and 3rd on single mule, 16 hands high or over, 1st and 3rd on pair of mules 16 hands high or over, 1st and 2nd on three mules abreast, 1st on a four mule team, 1st on a six mule team hitched to a wagon. They won the same prizes offered by the State of Missouri at the same show. We make this statement to give the readers an idea of the kind of Jacks that will be sold at this sale. We might add that one of the Jacks to be sold in this sale owned by Ben Moore, sired the first and third premium sucking mule and the first prize two-year mule at the American Royal in 1912 and the Jack is only five years old now. Other Jacks in the sale have sired state and county winners. Any other information can be had by dropping Mr. Dillingham a letter. Mr. Dillingham is thoroughly posted in the Jack business. He was raised in the heart of the Jack-country.

G. L. Hawley of Horton, Mo., breeds large type Poland Chinas with 60 per cent of his herd tracing to Big Hadley. Mr. Hawley is a thorough business man, having had years of experience on the road representing the Gold Medal Flour Company and two other good firms. This experience has helped him ever so much with this business. This is one of Missouri's good herds and on January 23 Mr. Hawley will sell 60 head; 50 will be sows, 40 bred and 10 open. At the head of the herd is Don Hadley 2d (56379), a litter brother to the Roy Johnston Don Hadley, sired by Big Hadley, out of Kansas Queen 6th (126713) by Expansion John, second dam Kansas Queen 2d. Osage Leader 63138.

#### Herd Established Over 25 Years Evergreen Crest Galloways

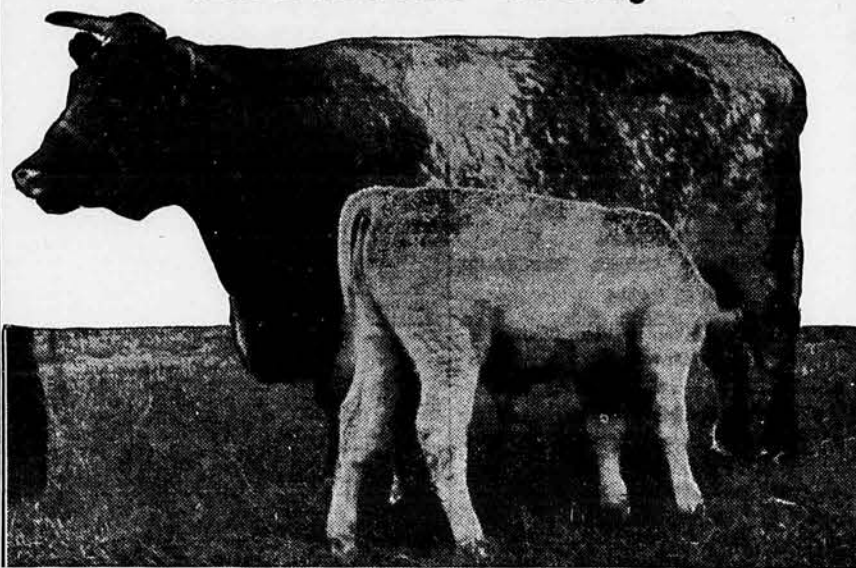
Twenty cows and heifers for sale, either registered or high grades. All two years old and over are bred to Flagstaff 29205 and Sally's Othello 33696. Anyone desiring a herd of breeding cows should inspect this offering. Also two yearling bulls for sale.  
J. & W. R. CLELLAND, NEW HAMPTON, MISSOURI.

#### Holstein Cows and Heifers at Bargain Prices!

On account of shortage of ensilage crop in N. Y. state I am shipping west 300 head of high-grade Holstein heifers and cows, 2 to 5 years of age. These are arriving in lots of 50 every week and I will make attractive price to men that can handle a carload. All tuberculin tested and bred to registered bulls. Also a few registered bulls ready for service.  
ROCK BROOK FARM, STA. B, OMAHA, NEB.

## Lookabaugh Shorthorns

### At Private Treaty



The Kind I Breed and Sell.

### Over 200 Head From Which to Select

A great variety of prize winners and prize winning blood. Breeding stock of both sexes and all ages. If you want breeding stock don't miss this opportunity. As many good Shorthorns cannot be seen on any other farm in the whole Southwest.

Cows with Calf at Foot and Re-bred.

Richly Bred Young Things, Show Prospects.

Handsome Young Bulls, Herd Header Material.

Rugged Young Bulls, the Farmer and Stockman Kind.

In fact a splendid array of foundation Shorthorns, that carry the blood of the best families and the most noted sires of the breed. Don't wait, but come and get your first pick. Visitors always welcome at Pleasant Valley Stock Farm. Write your wants today. Address

**H. C. Lookabaugh, Watonga, Okla.**



## DAIRY CATTLE.

**HOLSTEINS FOR SALE**—30 head of registered heifers and males, also 73 head of fine bred heifers and young cows, \$58.50 and up. Come and see them. M. P. KNUDSEN, CONCORDIA, KANSAS.

**Holstein Bulls** Registered, good individuals. Ready for light service. E. H. H. EMERY, WETMORE, KANSAS.

**BANKS' FARM JERSEYS** Quality with milk and butter records. One of the best sons of CHAMPION FLYING FOX, imported, at head of herd. Stock for sale. W. N. BANKS, Independence, Kan.

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

**OAK HILL HOLSTEINS** Bulls ready for spring service by Shadybrook Gerben Sir Korndyke out of A. R. O. dams. Heifers bred. Also a few fresh cows. All tuberculin tested. BEN SCHNEIDER, NORTONVILLE, KAN.

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

**HOLSTEINS FOR SALE** Bred yearling heifers; 2-year-olds, fresh this winter; a few young cows, milkers and springers; also bulls, high-grade and registered, up to 18 months of age. IRA ROMIG, Sta. B., TOPEKA, KANSAS.

**Holstein-Friesian Bulls** For sale—choice young bulls, sired by Pierterje Hengerveld Nannette, first prize bull 3 state fairs, 1911, from producing cows. Exceptionally fine markings. W. C. JONES, Rural 2, Topeka, Kan.

**Holsteins!**

I will sell the following high grade Holsteins, many of them practically full bloods, and in good condition: 50 yearling heifers and 50 1½-year-old heifers just being bred to a son of a 24 lb. dam; 100 2 to 2½-year-old heifers and 100 2½ to 3-year-old heifers bred to a high class registered bull, to freshen from Dec. 1st, 1912, to March 1st, 1913. 100 matured cows, very heavy producers, springing up ready to freshen soon, most of them in calf from registered bulls. A number of high colored registered bulls, ranging in age from 6 months up, out of heavy producing dams, and selected especially to head choice herds. Can fill any order from one animal up. Have a small surplus of excellent registered cows and heifers I will dispose of. Also have 100 head of high grade Guernsey cows and heifers from yearlings up. Write me regarding your wants. JAMES DORSEY, Gilberts, Illinois

## HEREFORDS.

**BLUE GRASS Herefords** STOCK FARM Cows, heifers and young bulls for sale. 100 head in herd. Breeding matrons by Millett, Lamplighter, Shadland Dean 2d, Gentry Briton 6th, Hesiod 2d and Wilton Almo 6th. Visitors Welcome. W. T. WRIGHT, Route 8, Mt. Pleasant, Iowa.

**Klaus Bros.' Herefords!** We offer 16 head of strong, rugged bulls, herd header material, ready for service, sired by Fulfiller 3rd, Fulfiller 25th and Beau Onward. Priced right and worth the money. KLAUS BROS., BENDENA, KANSAS.

**Mathews' Registered Herefords** For sale. 36 bulls, 9 to 21 months old and 20 early spring heifer calves. The kind that will make you money. FRED MATHEWS & SONS, Kinsley, Kan.

**Star Breeding Farm**

**HEREFORDS** Headed by Topdon 4th. 80 Bulls, 14 to 30 mos. Single or carloads. Can spare a few females in lots to suit buyer. **DUROCS** Of most fashionable breeding headed by Model Top 7745. Choice individuals of both sexes for sale at all times.

Sam'l Drybread, Elk City, Kansas

**Modern Herefords**

**ROBT. H. HAZLETT**

Hazford Place  
Eldorado, Kansas

## RED POLLED CATTLE.

**Foster's Red Polls**

Write for prices on breeding stock. C. E. FOSTER, R. R. 4, Eldorado, Kansas.

**RED POLLED BULLS**

and heifers by Actor 7781 and Launfal 18221. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Pigs. Write or come. CHAS. MORRISON & SON, Phillipsburg, Kan.

## ABERDEEN-ANGUS.

**Angus Bulls For Sale**

sired by Rutgers Heatherson 3d 118104, Presto 2d 133774 and Professor Kurtz 135693. Ready for service including two choice Blackbirds. Priced right. Satisfaction guaranteed. W. G. DENTON, DENTON, KANSAS.

**ANGUS CATTLE**

Bulls and females for sale; singly or in carload lots. Address SUTTON & PORTEOUS Lawrence, Kan.

neglected. The catalogs will be out January 1 and will be mailed only to those calling for them.

## Williams Bros. Sell Feb. 5.

While on our Iowa trip we called on Williams Bros., of Villisca, breeders of mammoth Poland China hogs, said to be the largest herd in the state, headed by Pawnee Nelson, the half-ton son of Pawnee Lad, also Big Sampson and A Jumbo, three most elegant herd hogs. On February 5 they will sell sixty bred sows, a few of their original herd sows, twenty-five fall yearlings and twenty-five early spring pigs. They will be sired by Pawnee Nelson, 53478, Big Sampson 58095, A Jumbo 58093, Long King 45837, Young Look 47722, W's Major 45234, and out of sows sired by W's Major, Young Look, Longfellow H, Pawnee Prince, and other good ones. This will be one of the greatest sales to be held in Iowa this season and the attraction of the sale will be eight fall yearling sows sired by Big Sampson and out of Mary B. We really believe it is the largest and best litter for the number we ever saw go through a sale ring. They also are selling a number of fall yearlings and early spring gilts sired by Pawnee Nelson that would be a credit to any Poland China breeder.

Williams Bros. have the right idea of hogs. They breed width as well as length and height, preferring the kind that can go on the market at any age or to grow as large as the largest. Pawnee Nelson is duplicating his illustrious old sire's breeding and the Poland China world well knows the standing that Pawnee Lad had in his lifetime as a breeder in comparison with the very best.

As this sale will be one of the really good kind we would advise the readers of this paper to remember the date of Feb. 5th. Villisca is on the main line of the C. B. & Q., with six passenger trains each way daily, which makes it very handy to reach. —E. R. D.

## Iowa and Illinois.

BY H. W. GRAHAM.

## Singmaster's 200 Percherons.

Singmaster & Son, Keota, Iowa, call attention to their 200 Percheron stallions and mares for sale in this issue. This is one of the largest importing horse firms in America. They won 16 prizes at the late International Livestock Show at Chicago. Sold a 9-month-old stallion colt while there for \$1,000. Also sold one stallion and two mares while at Chicago for \$3,750. The prizes they won rank among the blue and the purple. Their exhibit at Chicago attracted much attention to their 36 fine animals in the show. They are quoting some very attractive prices on their stallions and mares this season and anyone in need of either cannot help but find what they want in their several stables.

## Cold Day For Yoakam Sale.

There was a fair crowd at the M. Yoakam & Sons' Polled Durham sale at Webster, Iowa, Thursday, Dec. 12th. The day was the coldest experienced this year and the sale being held in a tent without any fire had a tendency to keep prices down. The top of the females was \$137.50 for the 8-year-old cow, Lady Maple, purchased by W. B. Bonfield, of Ottumwa, Iowa. The top for the bulls was \$205 paid by G. J. Geers, of Pilot Grove, Iowa, for the 2-year-old bull, Secret Prince. Under the prevailing conditions, Mr. Yoakam & Sons were very well pleased with the sale and will continue the breeding of the Double Standard Polled Durham cattle. They have several young bulls that they will offer at private sale later. Col. F. M. Woods did the selling. A list of the sales of \$100 and better follow:

## FEMALES.

Lady Superior, Wm. Krues, Center Pt., Ia., \$100; Lady Maple, W. B. Bonfield, Ottumwa, Ia., \$137.50; Orange 3rd, F. M. Edgerton, Gibson, Ia., \$107.50; Lady Fawn, Fred Bolln, Williamsburg, Ia., \$100; Daisy Esterday, Wm. Krues, Center Pt., Ia., \$102.50; Red Jane, G. J. Geers, Pilot Grove, Ia., \$160.

## BULLS.

Baron Tip, J. D. Tompkins, Marengo, Ia., \$112.50; Golden Banff, Ira C. Hadley, Richmond, Ia., \$132.50; Golden Cupbearer, R. B. Canston, Deep River, Ia., \$155; Secret Prince, G. J. Geers, Pilot Grove, Ia., \$205; Scottish Tip, C. T. Ayers, Osceola, Ia., \$11; Charming Prince, H. J. Kettler, Plattville, Wis., \$137.50.

## SUMMARY.

17 females .... \$1,732.00; average.... \$101.88  
10 bulls ..... 1,150.00; average.... 115.00  
27 head ..... 2,882.00; average.... 106.75

## Editorial News Notes

The Silver Mfg. Company, of Salem, Ohio, has started its 1913 season's advertising. See ad on page 6. And note the 240 page book on silos and silage. You can get a copy for 10 cents. It is a splendid book, illustrated fully, and is worth a dollar of the money of any man interested in the silage question. The edition is limited, so it would be best to send for a copy early. Please say you saw the book offered in Farmers Mail and Breeze.

"The Flying Dutchman" is the name of the Endless Apron Chain Drive manure spreader advertised by the Moline Plow Company on page 7. Read the ad carefully. It's a great spreader, strong, simple, light draft, steel wheels, steel frame, steel brake. It is claimed to be "the lightest draft low down spreader ever built." Get the handsome free booklet offered. Address Moline Plow Company, Dept. 15, Moline, Ill.

## Greenwood County Nursery.

J. W. Hinshaw, Eureka, Kan., proprietor of Greenwood County Nursery, started in 1882 as a nursery salesman and by perseverance and industry has become owner of the Greenwood County Nursery. He started in the nursery business on a small scale in 1890 and now has 800 acres of land and a finely arranged nursery, 200 acres of it adjoining Eureka, the county seat of Greenwood county, Kansas. His reputation for square dealing has made him thousands of satisfied customers. The Greenwood County Nursery has just completed its 1913 catalog. It gives valuable instructions how to plant

# PUBLIC SALE OF Polled Durhams

## Washington, Kan., January 2, 1913

We extend a cordial invitation to breeders and farmers to attend our first Public Sale of Registered Polled Durham Cattle; to be held at our farm adjoining Washington, Kansas. The offering has been carefully selected with the view of making it fairly representative of our herd and in fact creditable to the breed. Your attention is invited to the choice Cows and Heifers and Young Bulls, including our present Herd Bull,

THE BARON X 7435 (S.H.322862)

The first prize aged Bull, Iowa and Kansas State Fairs, a Bull of extraordinary scale and a richly Scotch bred Linwood Golden Drop.

Eight Cows Bred to  
MEADOW SULTAN X 8721 (S. H. 353690)

A winner at the Big State Fairs since a calf, got by Sultan of Anoka and descended through Lady Mellow X, to A. Cruickshank's best Scotch bred cattle.

Nine Cows Got by  
Belvedere X  
A Great Show Bull

Eleven Bulls  
9 to 14 months old by  
The Baron X

Nine Cows Got by  
Orange Cup X  
A Sire of Merit

Eleven Cows With Calves  
at foot by  
The Baron X

The offering is deeply bred in Polled Blood and is strictly choice individually and will be sold in good condition. Col. Geo. Bellows will conduct the sale. We shall be pleased to mail you the Catalog. Write us for it.

**ACHENBACH BROS., Props.**  
**WASHINGTON, KAN.**

## SHORTHORNS.

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

**SHORTHORNS**

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

**Scotch and Scotch Tops**

A pure Scotch two-year-old bull and young bulls, Scotch and Scotch topped, of serviceable ages. Also a few good cows and heifers. S. B. AMCOATS, CLAY CENTER, KANSAS.

## 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

ABILENE : : KANSAS

## SHEEP.

**Special Notice to Sheep Men**

Send us your address, we will mail you literature on the breeding of Karakule-Arabi sheep for the production of Persian, Astrachan and Krimmer lambs, wholesale furriers quote our half and quarter blood Karakule-Lincoln skins \$8.00 to \$15.00 each. Mutton increase in weight and price. Address KARAKULE-ARABI SHEEP CO., Majestic Theatre Bldg., Topeka, Kan.

## CHAMPION MOLASSES FEED CARRIES THE HIGHEST HONORS

Was fed to the cattle that brought the highest prices this year on the Omaha, St. Joseph, Kansas City, St. Louis and Chicago markets; also carried all blue ribbons and sweepstakes at recent K. C. Royal Stock Show. Equally good for horses, hogs and sheep. Write us.

CHAMPION FEED CO., Tarkio, Mo.

**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.

## HAMPSHIRE.

**Pure Bred Hampshires**

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

**Hampshire Hogs** Have one two-year-old boar and several boar pigs four-months-old for sale. W. E. WOODRUFF, KINSLEY, KANSAS.

**WRITE J. F. PRICE,**  
Medora, Kans.  
For prices on Pedigreed  
Hampshire Hogs

**REGISTERED  
HAMPSHIRE HOGS**

of various ages not akin; two registered and one grade Dutch Belt bulls, also 1 spotted Arab stallion. C. W. WEISENBAUM, ALTAMONT, KAN.

**Try The White Belts**

Special prices on boars. Sale of bred sows and gilts  
January 23, 1913  
T. W. Lavelock, Princeton, Kas.

## BERKSHIRES.

**Hazlewood's Berkshires!**

Choice spring boars and gilts priced to sell. Write today. W. O. Hazlewood, R. 8, Wichita, Kansas

**WAITE'S BERKSHIRES.**

Choice young Boars and Gilts, also tried cows. Best famous Robins Hood Blood. We guarantee satisfaction. Call or write LEON A. WAITE, WINFIELD, KAN.

**GOOD SOWS BRED**

to champions and grand champions. I also have some splendid fall pigs that I will sell single or in pairs no kin.

C. G. NASH, Eskridge, Kan.

## 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 Bacon Compton, Berryton Duke and Premier Longfellow. Also a choice Shorthorn bull calf by Silk Goods and out of a show cow.

W. J. GRIST, :: OZAWKIE, KANSAS



**MULE FOOT HOGS.**

**Mule Foot Hogs** More premiums won in 1912 than any herd in the U. S. Bred sows, some extra spring farrow boars and pigs in pairs not related. Pedigrees furnished. **ZENE G. HADLEY, R. F. D. 5, WILMINGTON, OHIO.**

**O. I. C. SWINE.**

**40 Choice O. I. C. Pigs** **H. W. Haynes, Meriden, Kan.**

**EDGEWOOD O. I. C's.** Choice gilts and sows, also tried sows. **HENRY MURR, TONGANOXIE, KANSAS.**

**Two Herd Boars** For sale and choice bred gilts at \$25 while they last. **F. C. GOOKIN, RUSSELL, KANSAS**

**O. I. C.** Yearling and tried sows and spring gilts bred to good boar. Also, fall pigs at special prices. **R. W. GAGE, Garnett, Kansas**

**KENT'S IOWA HERD** 100—Good length, heavy-bone spring boars—50 fall and yearlings, also large number of sows from my great State Fair prize winning herd. It will pay you to write me today for prices and the way I will ship these hogs before paying for them. **THOS. F. KENT, Walnut, Iowa, R. F. D. No. 2.**

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

**O. I. C. 125 HEAD HOGS** Pigs in pairs, Bred Sows and Service Boars **W. H. Lynch, Reading, Kansas.**

**Neef's Cholera Proof O. I. C's.**

Boars of all ages from 8 weeks to yearlings. Also prize sows bred and gilts bred or open. Can furnish pairs or trios, no kin. Herd headed by O. K. Perfection, by O. K. Winner, and Neef's Oak, by White Oak. All stock priced worth the money. **Riverside Farms, JOHN H. NEEF, Prop., Boonville, Mo.**

**POLAND CHINAS.**

**ROY JOHNSTON of South Mound, Ks.,** Sells Sixty Bred Sows, Jan. 20. Write for catalog.

**Polands—Barred Rocks** Summer and fall pigs by Referendum and J. C. Metal and out of choice sows. Priced to sell. Also 50 Barred Rock Cockerels. **A. N. Waechter & Son, Riverton, Neb.**

**Klein's Tabor Valley Herd** Is offering a few choice spring boars at right prices. Also a fine lot of fall pigs not related. Headquarters for Rhode Island Red Cockerels. **L. E. KLEIN, ZEANDALE, KANSAS.**

**Albright's Boar Offering** Five big, smooth Sept. yearling boars, sired by A. L.'s Hadley. 15 spring boars sired by Cavett's Mastiff. Big, well grown fellows. Smooth as you ever saw. **A. L. ALBRIGHT, WATERTVILLE, 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**

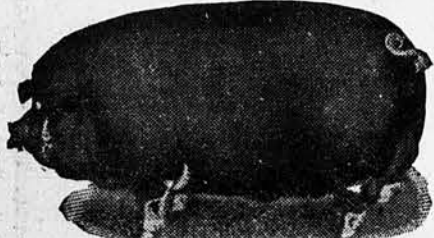
**Say! Mr. Farmer and Mr. Breeder**

I have a fine crop of fall pigs all sired by my great young Poland China boar

**Advance 60548**

for which I have recently refused \$500 cash. I have decided to sell all of them, both boars and gilts for \$15.00 each. Dirt cheap. First come first served. Come and take your choice, or send a friend to choose for you. If you can do neither then send check and let me choose for you.

**Paul E. Haworth**  
Lawrence, Kansas



Defender 54201, the big easy feeder. A few males by him or gilts bred to him. The Expansion herd of Poland Chinas. Write wants to **PHIL DAWSON, Prop., ENDICOTT, NEB.**

and care for vines, shrubs, fruit and ornamental trees. Write today or drop a postal for this catalog. It is free. Please mention this paper. See ad on page 13.

**Big Town Lot Sale.**

Beautiful Overlook Addition to Conway Springs is to be sold at public auction—not because the owner, J. M. Frantz, has to sell it, but for the purpose of improving Conway Springs and giving many people an opportunity to get desirable homes here. Overlook Addition is one of the most desirable tracts of land adjoining the original townsite of Conway Springs, and now a part of the city, lying northwest of the springs, only the city school grounds lying between Overlook Addition and Central Park, in which the springs are located. Any lot in Overlook Addition is a desirable building site for a residence. The elevation of the addition is just enough to afford a splendid view of the city and the country in every direction from any part of the tract. It is to be strictly a residence section of the city of Conway Springs and already some of the very finest homes in Sumner county have been built there. Most of the choicest building locations are still open for improvements and will be sold at the auction to be held at Conway Springs on Friday, December 27. We have the water which is recognized everywhere it is known to be the best and purest in the state. We have the ideal location for one of the very best towns in the state in which we live, as it is now. Splendid homes are going to be built in Overlook Addition and those who get lots there now will get the benefit of the increase in values and enjoy all the privileges of modern conveniences in a pretty progressive city in a peace-loving well regulated community. There will be buyers here from many parts of the country to get lots in Overlook Addition December 27. This is your opportunity. You have let others pass by in this country and can see now where you made the mistake of not getting some of the good things when they could have been taken at a low price. Do not let this chance pass. The lots will be auctioned off fast. Come to Conway Springs on the day of the sale, look the addition over and you will want a building lot there.

**For Hired Men Who Want to Know**

Kansas Agricultural college is inviting the hired man who spends his summer earnings in town in winter, to come to Manhattan and take the short course in farming and stock raising. The invitation includes farm hands, farmers' sons, tenants, or anyone else on the farm. The course begins January 7, and ends March 19 and includes crop production, grain judging, farm management, farm mechanics, livestock feeding, breeding and judging, dairy farming, creamery management, and orchard and garden work. Expenses while taking the course will range from \$50 to \$75. Dean J. H. Miller of the college extension department at Manhattan will be glad to furnish further information.

**Capper's Course Approved**

(Continued from Page 2.)

right of the name of Capper were rejected although these ballots were legal without question. The supreme court has held that election boards cannot be compelled to count legal ballots which they have rejected, and that the only remedy is by contest. Hodges was beaten by several thousand votes, but has received the certificate of election, and will get the office unless Capper files a contest and forces a recount. While the Democrats are willing to take the office knowing that they are not entitled to it, we trust that they will amend the law so that election boards cannot beat a candidate in the future who is the choice of the people.

**Capper Showed Proper Timber.**

From the Atchison Globe.

Arthur Capper showed proper timber for governor when he declined to contest. He would have stood no show, and wisely concluded to pass it up.

**Farmers Mail and Breeze Pays Advertisers.**

Farmers Mail and Breeze, Topeka, Kan. Dear Sirs—Enclosed find draft for \$17.50 in payment for insertion of ad in Farmers Mail and Breeze, Missouri Ruralist, Weekly Capital and Oklahoma Farmer, for month of November. The results to date have been satisfactory. Yours very truly,  
**J. C. SCHOFIELD,**  
Real Estate Dealer.  
Edna, Tex., Dec. 3, 1912.

Farmers Mail and Breeze, Topeka, Kan. Gentlemen—I want to carry my ad in your paper as it is the only one that has given me satisfaction. Yours very truly,  
**L. E. KLEIN,**  
Poland Chinas.  
Zeandale, Kan., Dec. 6, 1912.

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

**POLAND CHINAS.**

**LARGE WITH PLENTY OF QUALITY.** Handsome young boars, gilts bred or open. Best of large type blood lines. Some boars, herd headers. Satisfaction guaranteed on all breeding stock. **OLIVER & SONS, DANVILLE, KANSAS.**

**ALFALFA TEA FED POLAND CHINAS.** Best large type blood lines; bred sows and gilts, the kind both farmer and breeder should raise. If you want to know more about them and how they are raised on alfalfa tea, address.  
**H. W. HOAK, ATTICA, KANSAS.**

**SPRING BOARS and GILTS.** Strictly big type. Write for prices and descriptions. **Howard R. Ames, Maple Hill, Ks.**

**NEBRASKA TYPE.** A fine lot of summer and fall pigs by Hyden's Big Hadley 2nd, Pan Wonder and Neb. Chief. Bargains in the best. **C. C. Ingram, Bloomington, Neb.**

**POLAND CHINAS** Select young boars. Gilts, bred or open. Prices right. Call or address **H. L. BROOKS, LARNED, KANSAS**

**QUALITY and SIZE** Big, Smooth Poland China Boars and Gilts. Spring farrow. Write for prices. **LAMBERT BROTHERS, SMITH CENTER, KANSAS.**

**HARTMAN'S BIG-TYPE POLANDS** Spring boars and gilts. Gilts bred or open. No fall sale. Three fall boars. Everything guaranteed. **J. J. HARTMAN, ELMO, KANSAS.**

**Big Boned Bred Sows** March and February gilts sired by Gold Mine, bred to Pan Look and Wide Awake; also, tried sows bred to Gold Mine. **Dietrich & Spaulding, Richmond, Kansas.**

**Becker's Poland Chinas** Good spring boars. Fall yearling gilts, bred for early spring litters. Some nice spring gilts bred or open. Special prices on summer and fall pigs, either sex. **J. H. BECKER, NEWTON, KANSAS**

**POLAND CHINAS!**

Bred sows at private sale. Also fall and spring boars. Sows bred to Tom Lipton, Welcomer, Iron Clad 2d and others. Priced right. Ask for prices and descriptions. **JOSEPH M. BAIER, ELMO, KANSAS.**

**Big Type Poland Chinas**

With unusual size and show yard quality. The kind you saw us win with at Topeka and Hutchinson. Don't you want some of them? **R. B. BAIRD, CENTRAL CITY, NEBR.**

**Schneider's Poland Chinas** Can furnish choice summer and fall pigs, pairs or trios, not akin, by Guy's Expansion and Goldust Hadley. Also 10 head of yearling sows bred to these boars. **JOE SCHNEIDER, Nortonville, Kansas.**

**DUROC-JERSEYS.**

**DUROC-JERSEY BOARS AT \$25.** I am making special prices now on spring boars sired by my state fair winners. Also a choice line of gilts bred to my prize winning herd boars. **CHAS. L. TAYLOR, OLEAN, MISSOURI.**

**FALL AND SPRING BOARS.** Some tried sows and spring gilts bred for spring farrow to our young herd boar, Col. Buddy by the famous B. & C's Col. Priced to sell. Spring boars ready for service \$16.00 to \$20.00. Fall boar by B. & C's Col. \$25.00 **JUDAH BROS., HIATTVILLE, KANSAS.**

**FOR SALE.**

Duroc and Poland China boars; Durocs of Ohio Chief, Kant, Be Best and Buddy, K. strain. Poland China descendants of Meddler's Choice. All good ones; prices right. **JOHN H. BUST, ALTAMONT, KANSAS.**

**BEAVER VALLEY HERD DUROCS.** Boars and gilts sired by Grand Master Col. II 94903 (Grand Champion and sire of winners at Oklahoma State Fair, 1911), Defender's Col. 112297, Autocrat 94766 and Muncie Col. 113779. Satisfaction guaranteed. **W. A. WILLIAMS, MARLOW, OKLAHOMA.**

**Pleasant View Durocs.** Choice March and April boars and gilts for sale. Write for prices. **T. P. TEAGARDEN, WAYNE, KAN.**

**DORR'S DUROCS.** 75 head of big bred gilts, boars ready for service and summer pigs at farmers' prices. **CHAS. DORR & SONS, OSAGE CITY, KAN.**

**A Fine Offering Bred Sows and Gilts** Also open gilts and summer pigs. Best of breeding. **R. C. WATSON, ALTOONA, KANSAS.**

**BIG TYPE DUROCS** Herd rich in blood of Col. Wonder, Buddy and Monarch families. 45 head tried sows and gilts in our bred sow sale. February 5. Stock for sale. Send for catalogue. **MOSER & FITZWATER, GOFF, KANSAS.**

**LITTLE OAK DUROCS** Early spring boars served for February 22 bred sow sale. **Geo. P. PHILIPPI, Lebanon, Kan.**

**Crimson Wonder Breeding** Top boars spg. pigs. Write for prices. A square deal. **DAVID BOESIGER, COURTLAND, NEBR.**

**Outstanding Duroc-Jersey Herd Boar**

To close a partnership I will sell **CRIMSON WONDER KING 127473**, by grand champion Crimson Wonder Again, sire of more prize winners than any other living hog. Crimson Wonder King's dam is by Valley King, grand champion boar of Nebraska and Iowa in 1911. Litter brothers of this boar head some of the best herds in Kansas and the breeder who buys him will add strength and prestige to his herd. I have his dam and three litter sisters in my herd and can not use him longer to advantage. He is offered for absolutely no fault and fully guaranteed. If you want him write today. **Bred Sow sale Jan. 24, 1913. Address**

**JOHN T. HIGGINS, Abilene, Kan.**

**DUROC-JERSEYS.**

**DORR'S DUROCS** 10 summer boars, 30 gilts and 25 fall pigs, all vaccinated. Sired by A. Crimmon Wonder boar. Prices low. **A. G. DORR, OSAGE CITY, KANSAS**

**FALL YEARLING BOARS** A few very choice ones; and fall and summer pigs at bargains. Bred sow sale February 8th. **P. C. GARRETT & SON, Bloomington, Nebraska.**

**FISHER'S DUROCS** "A chance of a life time." My entire spring crop sired by Old Graduate Col. and Crimson Prince at \$15 to \$25 each. Closing out. Don't delay. Write today. **H. E. FISHER, Danville, Harper Co., Kan.**

**Clover Dale Durocs**

Choice lot of sows bred to King of Coils. 3d. Boars ready for service and fancy bunch of fall pigs. Stock all in fine, healthy condition. **L. T. SPELLMAN, PAOLA, KANSAS.**

**Bonnie View Farm**

**Duroc-Jerseys:** Boars and gilts. **Plymouth Rocks:** 100 cockerels. **Searle & Cottle, Berryton, Ks.**

**Deep Creek Herd Durocs**

Extra choice early fall pigs now ready to ship from dams sired by State Fair Champion boars. Satisfaction guaranteed. **C. O. ANDERSON, MANHATTAN, KANSAS**

**BIG TYPE DUROC-JERSEYS**

Spring males at \$25; summer pigs \$10, trios \$25; fall boars, good ones at \$30 to \$40; yearling sows, open or bred. Every hog shipped on approval. Satisfied customers in 22 states. Red Polled cattle, cheap. **GEO. W. SCHWAB, CLAY CENTER, NEB.**

**FALL BOARS BY DREXEL'S PRIDE**

the sire of my show hogs. Spring pigs by him and Queen's Wonder 112317, a sensational Crimson Wonder Again yearling. All choice and priced right. **W. T. HUTCHISON, CLEVELAND, MO.**

**Quivera Place DUROCS**

Spring boars for sale by Quivera and M. & M's. Col. Gilts reserved for Jan. 8 bred sow sale. **MUNSELL & ISENBERG, Herington, Kan.**

**Leon Carter, Asherville, Kan.**

Duroc-Jerseys. Oldest herd in Mitchell county. Plenty of new breeding in my bred sow sale Thursday, Jan. 30. 45 head. Write for catalog.

**ROYAL SCION FARM DUROCS**

Fashionably Bred Durocs, spring boars and bred gilts, by the great Graduate Col. Also sows and gilts bred to him. **G. C. Norman, Prop., Winfield, Kan.**

**College Hill DUROCS**

March and April boars and gilts from state fair winners. Choice boars by G. M's. Col. and Carl's Critic. Farm joins Agricultural College. **W. W. BALES & SON, Manhattan, Kansas**

**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. Glasen, Union City, Okla.**

**Good E Nuff Again King 35203**

The great Duroc boar of the West heads our herd. 25 gilts and 20 boars sired by him. 8 tried sows and 12 fancy gilts bred to him for sale. Herd boars and show prospects a specialty. Prices right. **W. W. OTEY & SONS, WINFIELD, KAN.** "The Men with the Guarantee."

**BANCROFT'S DUROCS**

We hold no public sales. Nothing but the best offered as breeding stock. Yearling and spring boars. Sows and gilts open or bred to order for spring litters. 135 fall 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, KANSAS.**

**Stith's Durocs**

200 head from which to select. Fashionable blood lines. Strong in blood of prize winners. Let me supply you with show yard type or the farmer's kind. Sows and gilts bred to my herd header, Model Duroc, and other good sires. Fall pigs, pairs or trios, priced for quick sale. Write today stating your wants. **CHAS. STITH, EUREKA, KAN.**

**Tatarrax Herd DUROCS**

Spring and Fall boars by the Grand Champion Tatarrax and G. M's. Tat. Col. and out of our best herd sows. The finest Fall and Summer pigs we ever offered. Pairs and trios unrelated. Prices right. Visitors always welcome. Farm adjoins town. **Hammond & Buskirk, Newton, Kan.**



# BIG BARGAINS IN REAL ESTATE

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

WRITE J. M. McCown, Emporia, Kansas, special bargain list, farms and ranches.

FOR SALE. Good Kaw bottom farms 17 mi. Topeka. Good churches and schools. On U. P. R. R. Jas. McLean, Rossville, Kas.

320 A. smooth mixed land, 100 in cult., not far from the new Santa Fe R. R., \$10 per a. Other bargains. Moore & Falls, Liberal, Kan.

LOOK HERE! 80 acres good land nicely improved, 5 miles town, gas well, \$50 per a. Easy terms. Other bargains. Kraushaar & Belding, Pleasanton, Kansas.

COMANCHE CO. 320 a., 160 in wheat, 160 in grass, \$40 a. 480 a., 380 in cult., 220 wheat, \$45 a. 2 mi. good town. Owner, Marshall Barlow, Coldwater, Kan.

MARSHALL CO. bargain. 235 a. river bottom. 300 cult. 35 alfalfa. 25 wheat. House 7 r. 2 mi. city. \$23,500. Terms \$4,500. E. F. DEWEY, Blue Rapids, Kansas.

FOR SALE. 800 a. well imp. Market 3 mi. 80 a. alf., 65 a. wheat. R.F.D., phone. Genuine bargain. Short time. For photo and des. address Jno. H. Hall, Wayne, Kan.

MUST SELL. SACRIFICE. 160 Summer county, highly improved, close to town; 40 acres alfalfa, 60 pasture, excellent farm. Information, Lock Box 285, Wellington, Kan.

BARGAIN in ranch lands. 30,000 a. fine grass, abundant water, considerable farm land, \$12.50 a., 1/4 cash, bal. 10 yrs. Can divide. No trades. Taylor & Bratcher, Coldwater, Kan.

WRITE for big printed list of corn and alf. farms in rain belt of Kansas. Biggest list choice farms in state. Kenyon & Holtsman, Concordia, Kan. (Pioneer Kan. farmers.)

GREATEST cash bargains in Jefferson Co. 60 a. at \$50; 120 a. at \$50; 200 a. at \$45; 160 at \$65, all tillable, well imp., on easy terms. J. A. DECKER, Valley Falls, Kan.

CENTRAL Southern Kan. alfalfa lands. 320 a. valley land, 200 suitable for alfalfa, \$8,000. 160 a. in valley, 120 in cult., \$4,800. For free list write P. H. THORNTON, Coldwater, Kan.

FOR SALE. Genuine bargain. 320 acres bluestem meadow and pasture. Four-fifths mow or cultivatable, abundance creek water, best of bluestem grass, fine location Bourbon Co., Kan. Chenault Bros., Fort Scott, Kan.

6% FIRST farm mortgages—the safest investment. Security, 3 times amount of mtg. Int. collected and remitted free. Large or small amounts. Write for information and loan list. Graves Farm Loan Inv. Co., Pittsburg, Kas.

160 A. Solomon River Val., good 5 r. house, barn 30x40, well and mill. 50 a. alf., 30 a. grass, 3 mi. to market. Price \$50 a. \$1,500 cash, bal. terms. Corn on farm make 50 bu. to a. I. R. ELDRED, Phillipsburg, Kan.

120 A. SMOOTH LAND, 2 1/2 mi. of Parker, 4 room house. Good outbuildings. Plenty of water. Price \$5,500. 80 acres smooth land 3 1/2 mi. R. R. 5 room house, good outbuildings, orchard, plenty water, price \$35 per a. 120 acres 3 mi. Parker, smooth land, house 4 rooms, outbuildings, good water. Price \$4,800. W. C. OLDFIELD, Parker, Kansas.

NORTHEAST KANSAS BARGAINS: 80 a., 10 in grass, 50 a. cult., orch. \$25 a. \$500 will handle. 110 a. main road, small house, good barn, fine orch. \$2,500. Fine quarter near town, 8 r. house, splendid barn, all in grass but 40 a. \$12,000. Terms or will take city res. Send for list. W. M. PENNINGTON, McLouth, Jefferson Co., Kan.

TENANT WANTED—For 500 acres bottom land in Graham Co., Kansas. Two sets of improvements. One mile from good R. R. town—must have 12 horses, or over, and three sets tools. Tenant to own 1/2 interest in stock on farm. Two grown sons, capable wife, and one married farm hand. Must understand western Kansas conditions. Family must be Christian. Give particulars and references. Address "O," care of Farmers Mail and Breeze.

80 ACRE home farm, 3 1/2 miles from town, half in cultivation, pasture, alfalfa, good water, four room house, barn, orchard. Price \$8,600.00. No trades. Write for free list. V. E. NIQUETTE, Salina, Kan.

80 ACRES Jewell Co. alfalfa and corn land, 7 room house, with cistern; barn for 6 head of horses. Cement floor corn crib; will hold 900 bu. corn. Hen house. Hog sheds. Hog lots, etc. All improvements put up in last four years. About 12 acres in alfalfa, 12 a. pasture, 45 a. corn; bal. millet, hog lots and trees. Will sell right if sold soon. Possession at once. Write owner.

E. J. FOOTE, Webber, Kansas.

CASH BARGAIN. 240 a. well improved, bottom land close to town. No waste. Part time. Price \$84. Exchanges. Write JESSE SIMPSON, Scandia, Kan.

THREE BUTLER CO., KANSAS FARMS. 80 acres, new house and barn, \$2,800. 160 a., fair bldgs., \$6,400. 320 a., big red barn and 8 room house—new; 35 a. of alfalfa, 160 corn ground; bal. wild grass. Price \$16,000. Write GUSS SCHIMPF, Burns, Marion Co., Kansas.

ALFALFA AND WHEAT LANDS at \$20 up. Grass lands \$10 up. Crops are good; prices are rapidly advancing—NOW'S the time to buy. List free. A few exchanges considered—they must be gilt edge. WILLIAMS & PICKENS, Meade, Kan.

10% CASH on terms 10 per cent monthly at prices \$17.50 to \$50.00. Rapidly growing little city. Just where you want to live or make a profitable investment.

JOHN W. BAUGHMAN, Desk 6, PLAINS, KANSAS

AGENTS WANTED, to sell Neosho Valley corn and alfalfa lands, \$40.00 to \$60.00 per a. G. W. Clark Land Co., Chetopa, Kan.

HUTCHINSON, Kan.: Choice city property to trade for good farm. Describe fully with price. Buy our 1,760 bargain at \$12.50 per acre. Haines Realty Co., Hutchinson, Kan.

180 A. good soil, all in wheat, price \$9,000. 160 a. well impr. Wheat and alfalfa. Trade equity of \$5,000 for gen'l mdse. or grocery stock. Price \$10,000. References, 1st Nat'l Bank, Commercial, Citizens and Reno State banks, city. R. F. McDermed, Real Estate Broker, Hutchinson, Kansas.

FARMS bought at right prices are a good investment. Send for our booklet containing choice bargains in the corn and alfalfa belt of southeast Kansas. Farms, prices and terms are right. Write for it today. MILLER & SON, Petrolia, Kan.

LINN CO. EASTERN KAN. Well improved farms, level, fine soil, corn, alfalfa, tame grass belt. Close to school house, church and towns. \$25 to \$75. Write quick for state map, literature, and bargain list. WAIT & DEAN, Blue Mound, Kan.

80 ACRES located 2 1/2 miles of railroad, 7 room house, barn 30x40, 2 never failing wells, 60 acres cultivation, 10 acres wild hay, 10 a. bluegrass pasture, orchard. Price \$57.50 per acre. Terms to suit. MANSFIELD, Ottawa, Kansas.

672 ACRE farm. 3 sets improvements, near Arkansas City, Kan. 65 in alfalfa. Best of terms. Ask about this good farm. 80, 160, 240, 320, 408, 620, all above farms are good prices from \$30 up to \$56 per a. WM. GODBY, Arkansas City, Kan.

240 ACRES located 4 miles of railroad, 100 acres wild grass and bluegrass pasture, 25 a. hay meadow, 100 acres corn land, orchard, 7 room house, barn, 2 wells, price \$65 per acre. Owner will trade for a livery stock or residence property. MANSFIELD, Ottawa, Kansas.

COFFEY COUNTY, EASTERN KANSAS. Good homes and investments. Corn, tame grass and ranch lands, \$30 to \$60 per a. List free. LANE & KENT, Burlington, Kan.

LOOK AT THIS SNAP. 160 acres 2 1/2 miles from town. Well imp. All nice smooth level land. Price \$7,000. Terms. Gile & Bonsall, South Haven, Kan.

EASTERN KANSAS FARM BARGAIN. 120 a. 3 1/2 mi. town, 100 a. cult., 2 a. orchard, bal. meadow, fair bldgs., windmill and tank; R. F. D. and phone. Price \$45 a. J. C. RAPP & CO., Osage City, Kan.

FOR SALE. 320 acres level wheat land \$9.00 per acre. Carry 1/2 on land. Also many other good bargains in corn, wheat and alfalfa lands. L. E. PENDLETON, Dodge City, Kan.

210 A. ALFALFA land 6 mi. from Emporia. Two sets improvements, \$75 per acre. Write for list of farms and ranches. T. B. GODSEY, EMPORIA, KANSAS.

We Want to Buy Land in the shallow water district, north of Garden City. Send us legal numbers and price. NIQUETTE & BOSWORTH, Garden City, Kan.

715 ACRES 225 a. bottom; all clover and alfalfa; water in abundance; improvements fine. Will take smaller farm part pay. Send for description. 17 mi. Topeka, 3 mi. R. R. BLACK-HOOK & CO., Topeka, Kan.

Business Block Bargain One story cement block building and lot. Well located in one of the best Kansas towns. Sacrifice sale at \$4,000. For particulars write L. D. ARNOLD, Manhattan, Kan.

181 3-4 A. Read This For sale or exchange, one of the best imp. alfalfa and hog farms in Eastern Kansas. Owner wants less land, as good, farther north, near college town. Price \$125 per a. Address W. L. MORRIS, Owner's Agency, Garnett, Kan.

400 ACRES FOR SALE Two sets of improvements in fair condition; plenty shade trees, 2 good wells, windmills and concrete water tanks; also creek water at each place. 240 a. of bottom alfalfa land and 160 a. of upland (black soil). 200 a. in wheat, 30 a. alfalfa, 60 a. pasture, bal. corn land, all tillable. 2 mi. town. Phone. Level roads. Will sell part or all. Terms on part. Price \$80 per acre. T. F. JOHNSTON, Garfield, Kan.

FARM AT AUCTION 240 acres 6 miles south of Garden Plain, Kan., only 20 miles west of Wichita. House, barn, granary, fenced, running water, half in cultivation, all good farm land except 40 acres pasture. 70 acres good growing wheat goes to buyer. Part time. Auction at farm Tuesday, Jan. 7th. Auctioneer, Col. Wm. Arnold, Wichita, Kan. For further information address owner, M. M. HAGUE, Garden Plain, Kan.

Sedgwick County Farm Bargains 280 A. first bottom farm, fair improvements. One mile of R. road town, \$50 per A., \$2,000 cash, will suit you. 101 A. bottom farm one mile of city 8,000 people. Fine improvements, great bargain \$110 per acre, \$1,000 cash. 320 farm, fair improvements raised 28 bushels wheat per A. this year, \$75 per A. Terms. 80 farm, improved, good land, near city, \$80 per A. 21 A. farm, well improved, suburbs of Wichita \$8,500. Call on or write, H. E. OSBURN, 227 E. Douglass Ave., Wichita, Kansas.

MONEY-MAKERS AND GOOD HOMES. Lands in Oklahoma, Texas and Kansas for sale, no exchanges. City property and stocks of mdse. to exchange. List free. JABEZ F. BRADSHAW, Lenexa, Kan.

COMANCHE COUNTY BARGAIN. 480 a. improved, 9 miles from Coldwater. 178 a. fine growing wheat, all goes, for quick sale, price \$27.00 per a. Terms if desired. C. A. HEATON, Larned, Kansas.

LOOK BEFORE YOU LEAP. Come to northeast Kansas. (Marshall and Washington Co.) 75 farms for sale. New list ready and free showing land \$11 to \$125 per acre. Pralle Bros. Realty Co., Bremen, Kan.

TWO ADJOINING FARMS. 160 a. and 100 a. well imp., 5 mi. from Co. seat and 9 mi. from the best town in S. E. Kansas. A fine layout for two brothers or father and son. A bargain. Write today for description and photos. IOLA LAND COMPANY, Iola, Kan.

LINN AND BOURBON CO. FARMS. Biggest bargains in Kan. Corn, wheat, timothy, clover, bluegrass land \$15-\$80. Coal, wood, gas, abundance good water. Fruit, everything that goes to make life pleasant. Large illus. folder free. EBY-CADY REALTY CO., Pleasanton and Ft. Scott, Kan.

THE GRASS THAT FEATENS. I have a fine list of small ranches, from 320 to 1,600 acres in the great livestock county of Butler, Kansas; famous for its wealth in alfalfa, kafir corn and native grass limestone pastures. V. A. OSBURN, Eldorado, Kansas.

THINK OF IT. We will sell you 160 or 320 acres of the best unimproved corn and wheat land in Wallace county, Kansas, for \$10 an acre. \$1 an acre down, balance in nine equal payments 8 per cent.

THE WARD-SCOTT INVESTMENT CO., Sharon Springs, Kansas.

FOR QUICK SALE. Stock of general mdse., invoice \$5,000, A-1 condition, small town eastern Kansas. Now doing good business. Excellent location. 10% off for quick sale. Might exchange for small farm, clear and worth the money. "OPPORTUNITY," care of Farmers Mail and Breeze, Topeka, Kansas.

Bargains in S.W. Kansas Land 640 a. 8 mi. N. W. of Dodge City, 500 a. in cultivation. 200 a. in wheat, all goes. Small improvements, school on land. Price \$30 per a. Will sell on easy terms for 11 years at 8%. Will consider trade as first payment. Have several good farms to trade for rental property; also 50 quarters near the new railroad now being built southwest from Dodge City. L. L. TAYLOR & CO., Dodge City, Kansas.

Meade, Gray and Ford Counties Good wheat, corn, oats, and alfalfa land. Some farms as low as \$20.00, on good easy terms. Agents take notice. CLAY McKIBBEN, Dodge City, Kansas.

ALFALFA LANDS \$40 to \$50 ACRE EAST END OF HODGEMAN COUNTY Very best bottom land, with running water, some timber. Excellent wheat land at \$20 to \$30 per acre. Come and see or write for list. M. W. PETERSON, Hanston, Kan.

Overlook Addition to Conway Springs, Kan. The Greatest AUCTION SALE of LOTS ever held within a radius of 100 miles of "The Pure Water City."

All of the lots in Overlook Addition will be sold at Public Auction to the highest bidder at CONWAY SPRINGS on Friday, Dec. 27, 1912. Beginning promptly at one o'clock p. m.

55 LOCATIONS What Will They Bring? Smallest locations or lots 68 feet by 140 feet. Largest 85 feet by 210 feet.

FIRST PRIZE A prize of \$50.00 will be given to the person guessing nearest the actual selling price of the Addition on day of Sale.

SECOND PRIZE The second guess nearest to the selling price of the Addition on date of Sale will be presented with a half dozen bottles of "Nature's Best" water 99.99 per cent Pure, express prepaid to any express office in Kansas or any adjoining state. Bottles to be returned when empty, at our expense by express.

The water is being shipped by the carload. The past year's sales amounted to 6,000 bottles, or twelve carloads. Any one can participate in this contest. Guesses must be in possession of J. M. Frantz not later than one o'clock p. m., on date of Sale. Come and make your guess in the morning on day of Sale.

This addition is laid out in small tracts, with an eighty-foot street and a cross street eighty feet wide, with elevated and terraced lawns, with maple and elm trees lining both sides of street, and with evergreen trees planted on each tract, with an elevation of twenty feet above the business district, where ten thousand wagon loads of dirt have been moved, putting the addition in fine condition, making it one of the best additions in the state of Kansas. The trees are now three years old, all doing well, and a more beautiful city Addition cannot be found anywhere in Kansas. No part of this Addition is more than six blocks from the heart of the City of Conway Springs.

TERMS: One-Fourth Cash on Day of Sale Balance payable monthly or quarterly as desired by the purchaser, no monthly payment on principal to be less than five dollars or quarterly payment on principal to be less than fifteen dollars; and all contracts shall provide for all the deferred payments within five years from date of sale. Interest, 6 per cent per annum, payable monthly or quarterly at payment periods named in contract. 6 per cent discount for cash on all amounts paid above the one-fourth cash payment on day of sale. Deed, abstract and contract will be placed in escrow in bank, where all payments shall be paid and receipts given. J. M. Frantz or his heirs, successors or assigns, shall pay all taxes on all lots remaining unimproved during the life of any contract, but in no case shall the amount of yearly taxes paid be in excess of the amount of interest due on unpaid balance.

Every farmer, merchant and others should attend this Sale.

J. M. FRANTZ, Conway Springs, Kan., has a population of over 1,200; splendid schools, seven churches, electric lights, fine water system, progressive people and modern business institutions.

C. C. TAYLOR, Clerk. COL. BOYD NEWCOM and W. H. ARNOLD, Auctioneers.



## OKLAHOMA

N. E. OKLA. prairie farms. Easy payments. Write J. T. Ragan, Vinita, Okla.

INDIAN LANDS eastern Okla. rain belt. Write J. J. Harrison, Pryor, Okla.

600 FARMS and other prop. for sale or ex. Blackwell Real Estate Co., Blackwell, Okla.

BARGAINS in Tex. Co. farms. Some exs. Write for list. Harvey Cox, Hooker, Okla.

EASTERN Okla. corn, alfalfa, wheat and fruit farms. \$10 to \$50 per a. Write Ebey & Harrison Bros., Ada, Okla.

WHY NOT come to Bryan county, Oklahoma, where you can raise anything that grows? For information write JOHNSON & MARSHALL, Durant, Oklahoma.

BARGAIN IN KAY CO. 240 a. smooth black land, 5 ml. market, imp., good water, price \$27 a. \$2,000 cash, bal. terms. Write Stevens-Cronan Realty Co., Newkirk, Okla.

FOR SALE OR LEASE—16 a., 10 r. house, barn 42x45, yards, etc., in city limits. Best location livestock breeding barn in Southwest. Co. seat town. C. N. Palmer, Medford, Okla.

30 TO \$60 per acre will buy improved and, deep soil, no rock, no hardpan, 42 inch rainfall, adjoining Eufaula on the northwest. Write me what you want. CHARLES WHITAKER, Eufaula, (Eastern) Oklahoma.

640 A. covered with grass and timber. Water. Fine grazing propositions. \$2 per a. Plenty of pasture propositions, practically all prairie, \$6 to \$8 per acre. Better buy this grass land while you have chance. Title from government. Write us. SOUTHERN REALTY CO., McAlester, Okla.

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

SEVERAL FINE FARMS FOR SALE in the best corn and cotton belt of Eastern Oklahoma; 30 to 600 acre tracts, \$25 to \$60 per acre. R. B. HUTCHINSON, Checotah, Okla.

FOR SALE. 160 a. 1 ml. of small R. R. town, fair improvements, 1/4 of 140 acres wheat. Price \$50.00 per acre, will guarantee investor \$500.00 rent. J. H. FUSS, Medford, Okla.

Oklahoma Wants You 500 choice farms good. 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.

## AMERICAN REALTY CO.

Are offering Splendid Bargains in Stock and Grain Farms. Our Specialties—Impr. ALFALFA, Fruit and Poultry Farms. We have the Farms they all want, fine location, near towns, good schools, and churches, fine climate; excellent water. Send for lists, then see for yourself. 304-6 Surety Bldg., Muskogee, Okla.

## LOUISIANA

NORTH LOUISIANA railroad land, best in U. S. Low prices, 15 years' time. Write for literature. Hugo Jacobson, Salina, Kan., Immigration Agt.

TO HOMESEEKERS AND INVESTORS. Can suit anyone wanting home in Louisiana; thousands of a. of timber land, when timber is removed make fine farm and pasture land. G. B. HAYNES, Monroe, La.

## Ruston, Louisiana

Is the best place for a tenant farmer that only has a little money to own a farm. Rich fertile soil—Ample rainfall.

## Healthy Climate

Two crops a year—Good markets. \$10.00 to \$25.00 an acre, easy terms. No floods, mosquitoes or swamps. Write for illustrated literature. NORTH LOUISIANA REALTY & INV. CO. RUSTON, LOUISIANA.

## Highest Elevation in State

## NO MOSQUITOES, NO MALARIA.

Good water, fine alfalfa and corn land, ample rainfall. 11 railroads. 100 miles from overflow district. Iowa, Missouri, Kansas, Nebraska and Oklahoma people living here and all satisfied. Shreveport, best town in state, center of oil and gas belt, by far the best lands in the South. \$10 to \$50 an acre. Improved and unimproved. Buy your ticket to Shreveport, the key of the South.

## Louisiana Farm Lands Company

W. A. Jones, Sec'y, Shreveport, Louisiana.

## ARKANSAS

BARGAIN—1,567 acres fine land; 1,200 acres rich bottom; 700 acres in cultivation; 10 tenant houses; good water, good health, \$21 per acre; small cash payment, easy terms. Farms all kinds and sizes, cheap. J. T. Carlton, De Queen, Ark.

The greatest state in the "Union" ARKANSAS; and has never been "boomed." Quit growing \$20.00 crops on \$100.00 land. Grow \$100.00 crops on \$20.00 land. Level land. No overflows. No rocks. No Negroes. 15,000 acres to select from. Let me help you own a home of your own. Price \$10.00 per acre up. \$2.00 per acre down. 7 years in which to pay balance. 6% interest. Live Agents Wanted. W. B. LOCURTE, "The Honest Land Man" Gifford, Arkansas.

## ARKANSAS

GOOD corn and rice land. Cheap. Easy terms. See W. P. Cook, Brinkley, Ark.

GOOD fruit and farm land, cheap; terms. S. L. Consalus, Mammoth Spring, Ark.

GET our booklet "Arkansas Farm Lands," Holman Real Estate Co., Little Rock, Ark.

80 ACRES partly improved \$600. Other lands. F. E. Jones, Mammoth Springs, Ark.

LARGE and small improved farms in all parts of Arkansas for sale. Write Chambers Realty Company, Little Rock, Ark.

FREE information about Ark. general farming, fruit or stock raising land, at low prices. Virgil J. May, Booneville, Ark.

ARKANSAS RIVER BOTTOM plantations, virgin timber lands, small farms. Send for list. Dumas Realty Co., Dumas, Ark.

RED RIVER corn and alfalfa farms, \$20 to \$50 per acre; income \$50 to \$80 per acre. List free. L. A. JUSTUS, Foreman, Ark.

YAZOO-DELTA Black Alluv. lands. Upland farms Ark., Miss. and La. Gulf Coast truck farms. Galbreath Bros., Memphis, Tenn.

520 ACRE FARM, one-third cultivation. 6 room house, fine soil and productive. Price \$8 per a. Terms. Polk Real Estate Co., Little Rock, Ark.

DO YOU want a farm in Arkansas? If so, write for my illustrated book. Imp. and unimp. prairie, timber and rice lands. Write me today. Olaf H. Kyster, Stuttgart, 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.

CHOICE southern farms, ranches, plantations. Big crops—sure crops—winter crops. More money, less work, good health. McKinney Land Co., 78 No. Main, Memphis, Tenn.

IF INTERESTED in N. E. Arkansas farm and timber lands, write for list. F. M. MESSER, Walnut Ridge, Ark.

420 ACRES rich dark loam land; 120 cultivation; bal. timbered; level, no rocks; 1 ml. R. R. \$12 acre, 1/4 down. ROBERT SESSIONS, Winthrop, Ark.

80 A. farm 3 miles out, level as a floor, well drained no hills, no rocks, improved second bottom, no swamps or overflow, \$1,500. 120 a. better improved, fine as you want, \$3,000. List and description free. ED HOPKINS, Kensett, Arkansas.

MISS., ARK., AND LA. FARMS in the Mississippi Valley are the best and cheapest. Write for list. No trades. HURST TRUST CO., Memphis, Tenn.

A REMARKABLE BARGAIN. 623 ACRES; good 8 room residence; two tenant houses; 130 a. cultivation. 2 ml. railroad town. No wash land. Price \$10 per a. Other lands. R. C. THOMAS, Magnolia, Ark.

ARKANSAS LAND. 17,000 acres, all tillable, no rock or hills, for sale in small farms, Grant county, \$1.50 per acre cash, balance 20 years at 6 per cent. Can employ 60 men and teams. B. T. TETER & CO., 210 W. 2nd St., Little Rock, Ark.

For Sale in Southwest Arkansas 80 improved farms at a price ranging from \$15.00 to \$40.00 per acre. Write for literature. SOUTHERN REALTY & TRUST COMPANY, Ashdown, Arkansas.

## 620 A. Bottom Land

or any part thereof at \$15 per acre, within two miles of two railroads, no overflow, level, fine grass land, good hunting and fishing. We don't care for all cash. 1/4 section of timbered land, about 20 acres cleared, level, no rocks, at \$15.00 per. Also a few improved farms. Write us, we will take care of you.

M. & B. TIMBER CO., Farm Department, Malvern, Ark.

## \$1.50 Per Acre Down

BALANCE 20 YEARS AT 6 PER CENT. To close out the Frank Kendall Estate we will offer 20,000 acres of very fine agricultural over-land located 2 to 10 miles of Pine Bluff, a city of more than 25,000 population. Fine climate. No cold winters; 48 inches rainfall per year. Good schools and churches. These lands are selling rapidly at \$15 per acre. See or write FRANK KENDALL LUMBER CO., Pine Bluff, Ark.

## MISSOURI.

WELL imp. 160 acre farm, 6 1/2 miles out; \$4,500, on easy terms. Write for particulars. DeMotte Realty Co., Mountain Grove, Mo.

OSZARK MTS., THE BEST. We have thousands of homes for you at reasonable prices and good terms. Come at once or send for list. OSZARK REAL ESTATE CO., Ava, Mo.

POLK COUNTY FARMS For Sale or Exchange Ideal climate, pure water, fine pastures, short feeding season, productive soil, prices and terms to suit. HARRY T. WEST REALTY CO., Bolivar, Mo.

## Famous Blue Grass Land

480 a. 1 ml. King City, Gentry Co., Mo. 31 ml. N. E. St. Joseph in famous blue grass belt. Well fenced and watered, large barn capable of housing 150 horses, 2 stallion stables with 10 box stalls and corrals, hog house and cattle sheds, 7 room house, large dipping tank for horses, mules, cattle, hogs, with steam boiler. Farm mostly in blue grass for last 15 years, splendid timothy and clover. Will sell from 40 acres up, on terms to suit. Best stock, grain and blue grass farm in Mo. Price \$90 per a. W. L. Bowman Realty Co., King City, Mo.

## A Remarkable Bargain

320 A. all level land, 65 a. in cult., 80 a. pasture; bal. saw and tie timber. 180 fenced, wire and rail; 9 room house, good well at house; barn 70x76; good well at barn; smoke house, other outbuildings; phone in house; handy to school and church; 6 ml. to North View on Frisco R. R. 5 ml. to Fairgrove; 8 ml. to Co. seat, Marshfield; price \$17,600. Incumbent \$5,000. 5 per cent, due 6 years; will exchange for good Kansas farm. Will assume as much as \$9,000. What have you to offer? See or write PURDY & COMPANY, Springfield, Mo.

## MISSOURI.

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

WRITE Morris & Walker for list of south Missouri farms, Mountain View, Mo.

80 A. farm, \$1,800 impr. Write picture. B-Z terms. Box 594, Mt. View, Missouri.

STOP! Listen! 40 a. farm \$350. Terms. Other farms. McGrath, Mountain View, Mo.

FOR FARM BARGAINS in the corn belt, see or write Elliott & Coleman, Pleasant Hill, Mo.

STOP today. Write King & Coon for book, Polk Co. land. King & Coon, Flemington, Polk Co., Mo.

FARMS for sale in Northwest Missouri. Write Booher & Williams, Savannah, Mo., for list. No trades.

LOOK HERE! 160 acres good land, well imp., 1 ml. town. \$3,800. Other farms. Chas. Rowlett, Trask, Mo.

200 A. 4 ml. R. R. town. Unimpr. Running water. 25 a. bottom, good grass, good timber. \$2,000. Baker Realty Co., Mountain Grove, Mo.

MO. lands, impr. and unimpr., low prices, easy terms; booklet "Why Not Missouri?" free. Exchs. made. C. L. Beach & Co., Mansfield, Mo.

MO. farms, \$25-\$60 a. Prices rapidly advancing. New list and folder free. German community. J. H. Frederick, Cole Camp, Mo.

FREE, "The Ozark Region." Contains new list cheap lands, and valuable information. Durnell & McKinney, Cabool, Mo.

SEDALIA, Pettis Co. Finest agri. livestock and bluegrass sec. in state. Farms for sale. Morris Bro. R. E. & Loan Co., Sedalia, Mo.

WRITE for list improved farms in heart of Corn Belt (Northwest part of State). H. J. Hughes, Trenton, Missouri. Seller of Missouri Black Dirt.

WANTED buyers for Bates county corn, clover and bluegrass lands; \$35 to \$75 per acre. For information address Bowman & Company, Amoret, Mo.

MISSOURI agriculture and grazing land \$15 to \$50 per acre. Finest climate, best water and grass. Some tracts to trade. R. W. Hedrick, Cole Camp, Mo.

AN 80 ACRE improved farm in Howell county, Mo., for sale. Price only \$25.00 per acre. Write for description. NEW HOME LAND CO., Springfield, Mo.

FREE! Large list of farms; mild climate, productive soil, excellent water, low taxes, progressive people. Residences, business houses, etc. HOME LAND CO., Leeton, Mo.

TIMBERED lands \$6 to \$20; Valley farms \$25 to \$50; orchard and berry farms \$40 up. Water and climate unexcelled. Literature free. Anderson R. E. Co., Anderson, Mo.

SEND for my free booklet describing many of the best stock and grain farms in Bates county, Mo. JNO. F. HERRELL & SON, Butler, Mo.

HIGH CLASS farms of various sizes in Missouri or Kansas. 20 to 40 miles south of Kansas City. Send for list. L. W. KIRCHER, Cleveland, Mo.

174 ACRES near town, 115 cultivation, balance timber, good apple orchard, good house, barn, other buildings, \$3,500. 135 acres three miles town, near school and church, 80 acres cultivation, orchard, 5 room house, all fenced, \$2,750. Exchanges. A. P. COTRELL LAND CO., Pomona, Howell Co., Mo.

\$5 DOWN, \$5 MONTHLY. buys 40 acres near town southern Missouri. Price only \$200. Write for list of cheap lands. Box 372, Carthage, Mo.

BARGAINS IN SOUTHWEST MISSOURI. We have some rare bargains in Polk and Dallas county farms for CASH. Write for prices. Polk Co. Land Inv. Co., Bolivar, Mo.

PARTNER WANTED. I want an active young man to help work real estate in good town of 6,000. Write O. J. TAPP, Warrensburg, Mo.

OSZARK LANDS FOR SALE. 40 a., all fenced with woven wire, 36 a. in cultivation, bal. pasture, new 5 room house, large barn and other outbuildings, fine water, 1/4 ml. school; mortgage \$500 due 4 yrs. at 5 1/2%. Price \$1,400. List free. JAS. B. WEBB, West Plains, Mo.

LOOK HERE. For sale only; smooth 120 a. farm, well improved; large house, new barn, near school; not far from Warrensburg, town 6,000, county seat; lays good; bargain for 30 days, \$57.50 per acre. Terms good. Look this up if you want land. Write O. J. TAPP, Warrensburg, Mo.

## Fairview Farm \$800

Fairview farm is in Douglas county, Missouri; 2 miles from Pansy inland village, 9 miles east of Oldfield and 11 miles west of Ava, both railroad towns; 20 a. cultivated, balance timber, 50 a. tillable; good 3 room house, barn and outbuildings; nice orchard and fine spring near house; on public road and 1/4 mile to school. Price \$10 per acre. It's a real bargain. H. B. WANN REALTY CO., 205 N. Campbell St., Springfield, Mo.

## CANADA

OWN YOUR HOME IN CANADA. Buy a farm in Sunny Southern Alberta, any size, easy terms. Climate ideal, soil unequalled, no crop failures, no personal tax. Write today. LYNN W. BARRETT, Aldersyde, Alberta.

## TEXAS

FREE, Taylor's Texas Investor (Magazine). A money saver, write now; six months free. H. S. Taylor, Houston, Tex.

160 A. improved, \$35. 40 a. improved \$45. Easy terms. Close in, black soil. Artesian water. J. H. Cope, Palacios, Tex.

BARGAIN FOR CASH. Trade for improved land. 108 acres fine onion land in artesian belt, in Nuaces Valley, S. W. Texas. Box 396, Madill, Okla.

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

FOR SALE—Cheap Texas land 8 miles south S. P. R. R. in Brewster county. Buy a section and hold for investment; 50 cents per acre cash, balance easy terms; 60% tillable. Title perfect. W. Willeford, Flatonia, Tex.

THE BEST cheap land proposition in the United States today. Wheat yielding from twenty to forty bushels per acre, all other crops equally good. Write us for particulars. J. N. JOHNSON LAND CO., Dalhart, Tex.

LISTEN! Tarrant county, Texas, has more railroads, more inducements for homeseekers in good lands, paved roads, good markets, health record, schools, churches, etc., all things considered, than any county in the Southwest. Ask for special list of farms, ranches and dairy propositions, close to this great city. KITCHEN-VAUGHN-SEAVER CO., Fort Worth, Texas.

1,280 ACRES unimproved Sherman county, Texas, for sale by owner to settle estate. Price \$12.50 per acre. Easy terms. Write A. E. HARRIS, Charleston, Mo.

Free Paper about Mid-coast Texas. "THE LAND BROKERS COMPANY" helps you to BUY DIRECT FROM THE OWNER. Palacios (City by the Sea), Texas.

580 ACRES FOR SALE. Will take in some draft brood mares. EAGLE LAKE INV. CO., Eagle Lake, Tex.

IDEAL STOCK RANCH. 15,382 a. 3,000 cult. Fine imp. 15 flowing wells, fine land, \$22.50 a. Produce buyer, get half the com. D. W. GRANT, Palacios, Tex.

\$50.00 GIVEN TO YOU. \$50.00. To everyone purchasing 100 acres of land thru my agency I will give \$50. If you buy more you get more. Write for literature and list—all bargains. J. C. Schofield, Edna, Tex.

BRAZORIA COUNTY, TEXAS. 1,000 acres, sandy loam, prairie land, well drained; very fertile. Price \$20.00 per acre. Terms. Write me for bargains, any size tract. W. D. GRAHAM, Velasco, Tex.

BUY COAST FARM LANDS. We make a specialty of locating the best for the money for the homeseeker and investor. For list and free information write C. H. Stancliff Land Co., Houston, Tex.

HALF THE PRICE. You pay in the North, or less, will purchase prairie land, 160 acres up. Will yield 40 bushels corn per acre, only \$40 per acre. Plenty rain, fine climate. Have some exchanges. See or write JNO. C. PENN LAND COMPANY, Houston, Tex.

PROFITS IN GULF COAST LAND. Wonderful production, large increase in value, an attractive home. Get our Free Booklets, "The Road to Prosperity" and "A Pointer on Where to Buy Land." Will send you free "The Gulf Coast Bulletin" for 6 mo. Write THE ALLISON RICHEY LAND CO., 2nd Floor Carter Bldg., Houston, Tex.

READY MADE FARMS. Why rent when you can buy a 40 a. ready made farm for \$100 per a. and up? Easy terms. Thrifty farmers make \$2,500 to \$3,000 a year. Corn makes 60 to 70 bu., potatoes \$150 per a. For proof write. THOMAS A. SCOTT & CO., Houston, Texas.

## TEXAS ACREAGE—TRUCK FARMS—HOMESITES.

25 minutes from Houston's business center, fastest growing city in Southwest. Rich soil, ideal climate. Convenient transportation by interurban, steam or finest shell boulevard in Harris county. 5 a., \$10 down, \$10 month, nom. int., no taxes. SOUTH TEXAS MORTGAGE COMPANY, Houston, Texas.

## All About General Farming in the Mid-Coast Country of Texas

Write for our illustrated booklet. Mid-Coast Colonization Company A. A. Highberger, Mgr., Bay City, Texas.

## Especially for Kansas People On Tuesday, January 7 and 21

We will run our private car through Kansas to Houston, Galveston, The Iowa Colony, and other Texas points, and to those interested in looking over our lands in the Colony we will make an exceptionally cheap R. R. rate, and furnish you with first class accommodation at small cost. Such opportunities as are offered here in this Colony of over 1,000 good northern people don't last long, and you will be sorry if you do not join the several hundred other Kansans who have cast their lot with ours. AND ALL MAKING MONEY. Write for full information in regard to the trip and for descriptive literature.

HAZARD & CHESLEY LAND COMPANY. C. L. Sharpe, Mgr. 3rd Floor, Central National Bank Building, Topeka, Kan.





# FOSTER'S FORECASTS

(Copyright 1912 by W. T. Foster.)

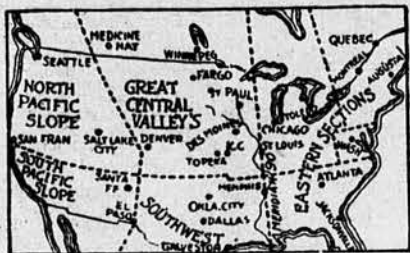
## COLD ENDING FOR OLD YEAR.

To Farmers Mail and Breeze:

Washington, D. C., Dec. 21.—Last bulletin gave forecasts of disturbance to cross continent December 23 to 27, warm wave 22 to 26, cool wave 25 to 29. The cold wave preceding this disturbance will bring temperatures below the usual average of low temperatures and the warm wave will be moderately above the average. Some rains and snows are expected but less than usually accompany such winter storms.

We are now able to make fairly good forecasts, in a general outline for the continent, giving—not in detail but in a general way—the locations of excessive and deficient rainfall, temperatures and severe storms.

Next disturbance will reach Pacific coast about December 26, cross Pacific slope by close of 27, great central valleys 28 to 30, eastern sections 31. Warm wave will cross Pacific slope about Dec-



FOSTER'S WEATHER MAP.

(For Better Understanding of the Forecasts.)

Broken lines separate map into eight great weather districts, named North Pacific Slope, South Pacific Slope, Great Central Valleys including the Northwest and Southwest, and Eastern Sections including the Lakes, the Northeast the Southeast and Washington. The dividing line bisecting St. Louis is meridian 90.

ember 26, great central valleys 28, eastern sections 30. Cool wave will cross Pacific slope about December 29, great central valleys 31, eastern sections January 2.

This disturbance will be of greater than usual force, temperatures will average lower than usual. It will be preceded by high temperatures and followed by a cold wave that may amount to a blizzard in some parts of northern sections. Precipitation will occur over large parts of the continent but not in great quantity. Severe storms are expected to be in the nature of cold waves and blizzards but average temperatures not unusually low. Deep snows will be few and far between.

First disturbance of January will reach Pacific coast about December 31, cross Pacific slope by close of January 1, great central valleys January 2 to 4, eastern sections 5. Warm wave will cross Pacific slope about December 31, great central valleys January 2, eastern sections 4. Cool wave will cross Pacific slope about January 3, great central valleys 5, eastern sections 7.

This will be a severe storm. Temperatures preceding it will not go to high degrees but the cold waves preceding and following will go to low levels. These cold waves will cause blizzards in some of the blizzard sections and they may reach as far south as Texas.

These cold waves will probably cause the principal precipitation, including heaviest snows, of the winter.

## Good Kansas Apples Excel

Kansas will this year harvest one of the biggest apple crops in the history of the state. Buyers are busy where orchards are numerous and some sales are being made that read like fiction. In Doniphan county near Tro., Harry Macomber sold 45 acres of apples on trees for \$6,000, last week. That is one example of many and yet there are plenty of people who think apples will not do well in Kansas. Some day Kansas will come unto her own as an apple state. Experts who investigated every apple-growing section of the country a few years ago, pronounced the fruit of north-eastern Kansas as second to none in flavor. Looks and advertising are the factors that are selling Pacific coast apples at 5 cents each through the winter. Flavor and advertising ought to do as

well for Kansas apples, in fact it is a question as to whether Oregon or Washington apples have anything on the Kansas product in the way of looks. When it comes to flavor, the Kansas apple is ahead of the western fruit.

## Using Dynamite on the Soil

AN EXPERT'S ADVICE

The use of dynamite in farming operations is most successful in heavy clay or hardpan soils. Its use in sandy or light soils is not recommended. One of the latest benefits discovered by the use of dynamite in this way is the destruction of grubs and worms that prey on the roots of fruit trees. At a recent meeting of the Shawnee County Alfalfa club at Topeka, Edward Lewis, a dynamite expert told of how dynamiting should be carried on and something of the expense of using it, in the following words:

"There are several different grades of dynamite to be used in the various explosions for breaking up hardpan. That known as the 25 per cent grade is best adapted for the ordinary farm. The holes should be bored about 15 feet apart in rows. The explosion breaks up the soil for a radius of 8 feet, thus giving at least a foot of 'lap' in every direction. The water can then penetrate the soil and soon disintegration of the hardpan substance sets in. Thus the roots of the alfalfa have a chance to grow and spread out farther and deeper. The same thing is true as regards the roots of fruit trees. The explosion of the dynamite kills the harmful worms and grubs that prey upon the roots of trees.

"A heavy clay subsoil can be improved in this way, but in the course of seven or eight years will settle and another season of blasting will be necessary. The best time to do this work is in the fall in order to get the advantage of the fall and winter rains. The cost per acre including caps, fuse and dynamite, (exclusive of labor), is about \$12. The holes are punched into the ground with a steel crowbar or may be driven with a sledge. Then the dynamite must be tamped tightly. Dynamite cannot be used successfully in light or sandy soil.

"In blowing holes for tree planting the holes should be about the depth it is intended to plant the tree. The earth will be thrown out enough for planting and the soil for a radius of 8 feet loosened. The trees should not be planted for several days afterwards."

## Soil Water Growing Less

According to W. J. McGee, soil and water expert of the national department of agriculture, the soil and water in the ground is lowering at the rate of almost 2 feet every 10 years. This conclusion is based on 35,000 reports from different points in the United States, covering every county in the country. The constant loss of this water is due to the runoff, and to freshets and floods that carry off a large per cent of the water from rainfall that should be retained in the soil. Prof. McGee believes that unless this lowering of the soil water can be checked dire results will follow sooner or later through drouths and failure of crops. Intensive farming comes nearer to solving the problem than any other methods that are being followed at the present time.

## NEVADA

### "HOMESTEADS."

Do you or your friends want a 160 or 320-acre homestead? Here in Nevada you may take 236-acre homesteads, and under the new homestead law you are entitled to five months off each year. I have a "NEW VALLEY," where water is obtained from 10 to 20 feet and good land has been tested and found very satisfactory; railway close. "LOCATION FEES REASONABLE," all work guaranteed; good people wanted. These lands will produce all kinds of crops except citrus fruits. IF YOU MEAN BUSINESS and want good lands answer this at once. L. C. DOLLEY, Box 179, RENO, NEVADA.

## GEORGIA

FOR SALE—2 large apple and peach orchards. Located in famous Georgia Peach belt. For particulars address C. S. PERRY, 1722 St. Elmo Ave., Chattanooga, Tenn.

## NEW YORK

100 ACRES, nice eight roomed house, painted and papered, well watered, barn 36x60, 24 ft. posts, carriage house, hen house, hog house, corn crib, milk house, running water to buildings, fruit, insurance \$2,500, 1 1/2 miles to railroad town, R. F. D., phone, \$4,200. \$1,500 cash, bal. at 5 per cent interest. HALL'S FARM AGENCY, Owego, Tioga Co., N. Y.

# FOR SALE OR EXCHANGE

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

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

SALE—Exchange. E. Kansas lands, etc. Write today. Baylor & Royer, Valley Falls, Kas.

100 A. to trade for 20 or 40 a. close to town and school. Write TRIPPLETT LAND CO., Garnett, Kan.

ANDERSON COUNTY farms for sale or trade. Write for descriptions. Her & Simmons, Garnett, Kan.

FINE improved farms in southern Kansas for sale or exchange. Send for literature. C. S. Clark, Parsons, Kansas.

QUARTER or half section sub-irrigated land, San Luis Valley, Colorado. Sale or trade. Box 36, Formoso, Kan.

FOR SALE OR EXCHANGE—List your farms and city property with Geo. R. Rinebarger, Real Estate, Elmdale, Kan.

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

BOOK 1,000 farms, etc., everywhere, for ex. Get our fair plan of making quick square trades. Graham Bros., Eldorado, Kan.

SOUTH MO. imp. lands for sale and exchange; low prices. Write to or call and see Goff, Sess & Co., Willow Springs, Mo.

BARGAINS in southern Kansas farms. \$40.00 to \$75.00 per acre. Exchanges. Send for list. N. E. Paulin, Parsons, Kan.

TO EXCHANGE for hdw. or general mds., improved rice plantation in Louisiana. H. C. Whalen, 213 Biting Bldg., Wichita, Kan.

FARMS and ranches for sale or ex. Send full particulars of what you want and where you want it. M. F. Simmons, Kansas City, Mo.

GET OUT of business and rest a while. Let me trade the business for land. I can do it. Write me. Harry Porter, Quinter, Kan.

NEW brick bldg., clean genl. stock and residence, \$8,500. Want improved 80 east or central Kansas, clear or nearly so. Buxton Land Co., Utica, Ness Co., Kansas.

BARGAINS in South Mo. corn, clover and bluegrass land. Exchanges a specialty. Trades matched anywhere on earth. Write Co-operative Realty Co., Humansville, Mo.

TOUCH a live wire. Our Red Letter Special will trade your property. List today. Guaranteed deal. Write for particulars. Midwest Realty Exchange, Riverton, Neb.

## COLORADO.

BEAUTIFUL Irr. farms, fruit, sugar beets, grain, alfalfa. Ordway Land Co., Ordway, Col.

950 A. El Paso Co., Colo., 400 bot. alf. land, bal. valley. Water 10 to 30 ft., farming \$300. \$18 a. A snap. E. J. Votaw, Wichita, Kan.

SAN LUIS VALLEY, Colorado, 160 a. 3 ml. good R. R. town; lays fine; plenty of water; partly cleared and ready for plow; 4 room house; small stable; only \$40 a. Worth \$60; small cash payment; bal. long time 6%. Write owner. E. G. BYLANDER, Sedalia, Mo.

MONTEZUMA COUNTY, Colo., has the finest climate, the richest soil, the most abundant irrigation water in the West. It has proven the best fruit country in the West. We own large tracts in this county which we will sell cheap. Good, level fruit soil which will grow good crops of anything that will grow in the West, with good water right; is now worth \$50 to \$100 per acre. Write for booklet and map. L. J. MOUNTZ & CO., 1743 Champa Street, Denver, Colo.

GOLDEN opportunities for a home and investments—NOW. Fine farms, ranches, \$8 to \$10 per a. A few relinquishments. Did you see "bleeding, alma-receiving Kansas" become the wealthiest state per capita? Only a few hours' west of Salina, no finer soil on earth; 50 schools, 4 banks, churches, best of Colorado. Now. Pamphlet. R. T. CLINE, Towner, Colo.

80 ACRES IRRIGATED, \$6,500. Close to town and Denver. House, barn and cultivated water right. Fine soil. L. A. COBB INV. CO., Denver, Colo.

EASTERN COLORADO. Rich, level, corn, wheat and alfalfa land \$10 to \$30 per a. Write to or call on G. W. DINGMAN, Stratton, Colo.

SNAP 320 acres rich fertile land 1 1/2 miles from store and country postoffice, 18 miles from county seat. Price \$1,000. Fine proposition. Investigate. CHAS. PURDY, Box 359, Akron, Colo.

## FLORIDA

WE WILL sell you land and allow you to pay nearly two-thirds of the purchase price from one-half of the proceeds from the sugar cane crop, and contract for all the cane you raise at a price that will net you \$63 per a. Write for particulars. HOWARD-PACKARD LAND COMPANY, Sanford, Fla.

Truck and Fruit Land The Wauchula Development Co., capital stock \$300,000 controls the largest, richest, most available and dependable combination Truck and Fruit tract in Florida, at Wauchula, Desoto county. Good town on main line railroad surrounded by growing orchards and truck farms; 10 and 20 acre tracts, easy payments. Within 2 1/2 miles of railroad. Best proposition in the state. Active agents wanted at once. L. H. SLAUGHTER, Gen'l Agent, 300 Rialto Bldg., Kansas City, Mo.

## CALIFORNIA

CALIFORNIA country home for sale. P. O. Box 121, Mountain View, Calif.

FOR SALE AND EX. Impr. and unimpr. land, Trego and Ness Cos.; low prices. Only gilt edge propositions considered. List your land or mds. W. A. Doerschlag, Ransom, Kas.

WILL TRADE a good city property in northern Kansas; cost over \$5,000; clear; for western Kansas land. Might put in some cash. Write Kysar Realty Co., Goodland, Kansas.

LIVERY; 16 horses, harness and rigs; 2 barns and hotel furnished, price \$6,000.00. Clear. To trade for S. E. Kansas farm same value. Oakleaf & Hill, Cherryvale, Kansas.

FOR SALE AND EXCHANGE; land in the Ozarks, the Switzerland of America. \$5 to \$25 per a. Stock and poultry raising and general farming. "Facts Worth Knowing" free. J. A. Wheeler, Mountain Grove, Mo.

FREE—Loose Leaf Exchange Book. It will match your trade. Write Desk A. E. P. JOHNSON, Ordway, Colo.

BARGAINS in alfalfa and general grain farms, merchandise and income properties. Exchanges a specialty. Send for literature. J. D. P'NEAU, La Cygne, Kansas.

\$5,000 IMPLEMENT stock for good Kansas land of equal value. A. W. BREMEYER, McPherson, Kan.

FOR SALE—Choice wheat, corn, and alfalfa lands, in Clark, Ford, and Meade Cos. Write for list, trades. NATE NEAL, Real Estate, Minneola, Kan.

22 ROOM HOUSE for sale or trade. This rooming house is in the city of Pueblo, a city of 60,000; has 22 rooms, 16 of them are furnished that goes with the house, and is modern in every way. Rented for \$50 per month. Price \$10,000. What have you to offer? JNO. L. BASS, Box 473, Rocky Ford, Colo.

FOR SALE AND EXCHANGE Ozark lands in tracts to suit, \$4.00 acre up. List free. Anna E. Hockensmith, Ava, Mo.

FARM BARGAINS For sale or exchange, any size, price on where. We can match any trade. LATHAM & DORR, Wichita, Kansas.

FOR EXCHANGE. 320 a. creek bottom, alfalfa land, impr. 225 a. in cult., 5 ml. county seat, near school. Address W. J. Williams, Wakeeney, Kan.

LAND FOR MDS. 200 a. Chautauqua Co., Kansas, \$6,000; \$9,000 general mds., want good Kansas land. Write for exchange list. HUNTER BROS., Independence, Kan.

GOOD BARGAINS IN MISSOURI LANDS. Now's the time to buy, while lands are cheap. Howell Co. products won 1st prize at Missouri State Fair. We sell, we trade; what have you to exchange? "Write Kirwan & Laird about it." West Plains, Mo.

FARM BARGAINS. Farms, ranches, city property and merchandise; for sale or exchange, any size, any price, anywhere. Write for large free list. SEWELL LAND CO., Garnett, Kan.

ATTENTION, TRADERS. If you have Arkansas land to sell or trade for Okla. land, or mds. to trade for land in the famous fruit belt of No. Ark., let me hear from you at once. Will go there in January. R. S. COX R. E. CO., Guymon, Okla.

WANT TO RETIRE. Will sell my 1,640 acre ranch all stocked, everything in first class shape, 320 irrigated, (house modern), would accept small place as part payment and one half the crops and one-half increase of stock until paid for. State what you have to buy with, enclose stamp. C. F. FAY, Hagler, Dundy Co., Neb.

HOW ABOUT THESE? 40 acres good land for rental property. 80 acres Kansas land for Missouri land. Stocks merchandise for land. Fine improved 240 a. for rental property. Other dandy trades. Write for particulars. FOSTER BROTHERS, Independence, Kan.

FOR EXCHANGE. Improved 160 acres, bottom land in Allen Co., Kansas, worth \$12,000.00, will exchange for mds. or hdw. in North Missouri, Ill., or East Iowa. Also good 200 acres and 80 acres at a bargain for cash, easy terms, good homes and fine land. Write for full description if interested. WILSON & RESSEL, Colony, 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-Forsce Bldg., St. Joseph, Mo.

## Investor

Do you want to purchase or trade for land that grows big corn and 7 crops of alfalfa per annum? If you do, call on or write W. E. WILSON, Walters, Okla.

## Bargains in Land

Over 3,000 farmers transact business in Live Stock Exchange weekly—some are retiring, others closing out estates cheap—but they all list their bargains with us. We can positively cite you to more land bargains than any other agents. Corn and alfalfa farms for sale in Eastern and Central Kansas and several near Kansas City. List sent free. Kansas City property for sale or trade for farms and ranches. SHERAN STOCK YARDS LAND CO., 609, Live Stock Exchange, Kansas City, Mo.

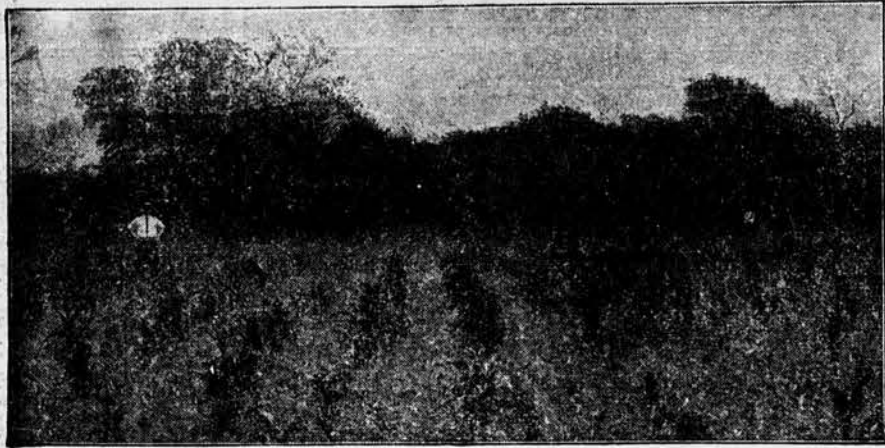
## SEDGWICK COUNTY CORN AND ALFALFA FARMS

Butler county farms and grazing lands for sale and exchange at lowest cash prices. Can guarantee a profit on any investment made through us. Write us today.

## The Leach Realty Co.

401 East Douglas Ave., Wichita, Kansas.





Here are two actual photographs taken the same day the same hour. They illustrate two fields of corn—one adjoining the other. The scene at the left shows an average corn field. The scene at the right shows a field in which stumps stood last year. It took no more seed, no more labor, no more investment of time or money, to raise the field that will probably produce a 90 bushel-per-acre

crop than the average field that will probably produce a 35 bushel-per-acre crop. The climate was the same for both fields—and the rainfall was the same.

We merely want to show you how much money you are losing by leaving the stumps stand, when you can so easily turn those stumpy acres into dollars.

# Pull Out The Stumps

## Plant on Virgin Soil—And Reap a Double Harvest

**P**ULL out the stumps! Stump land eats up half the money your land is worth if cleared—and *all* the money you would get if you raised crops where the stumps now stand besides the taxes which now return you *nothing!* Land is too high priced to be wasted that way. Crops bring in too much money to be *passed up* that way. You have *paid* for all your land—why not *farm* all of it?

## HERCULES Stump Puller

**All Steel—  
Triple Power  
30 Days  
Free Trial  
3 Year  
Guarantee**



**B. A. Fuller  
President**

### Says to You:

**B**E sure to mail me the coupon at once. When you read my fine free book you will know what it means to pull out the stumps and how easily it can be done with the Hercules. You will see what *others* have done with the Hercules and what *you* can do. And my special price will interest you. I'll save you big money if you write me now. Stop *wishing* the stumps were out—get busy with a Hercules and they'll be out—*big profits* for you.

**Mail Me the  
Coupon or a  
Postal NOW!**

**Send  
Your  
Name  
Now  
For  
This  
Great  
Book  
Of  
Facts**

Let me send you my new, fine, free book at once. I want to show you proof of how you can make \$1,281 profit on forty acres the first year and \$750 every year after, in extra crops and added value of land—by pulling stumps with the Hercules—and how you can make big money in your spare time by pulling stumps for your neighbors or by renting your machine at a nice profit.

### Clears an Acre of Land a Day

My book shows actual photographs and prints actual letters from owners, telling of the remarkable feats of the Hercules—how it pulls any size stump, green tree or hedge in less than five minutes—how it easily pulls an acre or more a day. Read how one man increased his land value from \$25 an acre to \$125. Read how easy it is to *clear an acre or more of land a day*. The fastest working machine made. Prove to yourself that the Hercules pulls the biggest stump in five minutes—an acre or more a day—and three acres without moving the machine. Settle the question of stumpy land once for all. My book will tell you how—the quickest, cheapest, surest, *safest* way.

### Special Features

The Hercules is the only all steel triple power Stump Puller made. It is the only puller that

has the single, double and triple power features, giving you three machines in one. There isn't a stump, green tree or hedge grown that the Hercules won't pull out without straining or breaking any castings. It's the only low-down constructed puller that has self-anchoring and stump-anchoring features—the only one with double safety ratchets, that insure the absolute safety of men and team. Its all steel construction means 60 per cent less weight and 400 per cent greater strength than any cast-iron or "semi-steel" puller made.

### New Low Price

My special advertising offer will enable me to quote you my new low price—a figure that saves you at least 50 per cent of the *regular* price, and which will make you a Hercules owner if you have the least use for a machine that rids your fields of all standing stumps. I can continue this offer only a short while longer—to first buyers in each locality.

### Mail Postal or Coupon

Just simply your name and address on the coupon or on a postal is all I want so I can send you the facts, my book, 30 day trial offer, 3 year guarantee and special price proposition. Send *now* before you forget and see how easy you can clear your land—and what it means. Address

**B. A. Fuller, President, HERCULES MANUFACTURING CO.  
828 21st Street, CENTERVILLE, IOWA**

### Get My Fine Free Book

I want you to mail me the coupon or a postal. It will give me an opportunity of sending my grand free book about pulling stumps. It will enable you to read all about the Hercules—its features, the 30 day free trial offer and my remarkable 3 year guarantee—which insures the replacement of any broken casting for 3 years—whether the fault is yours or the machine.

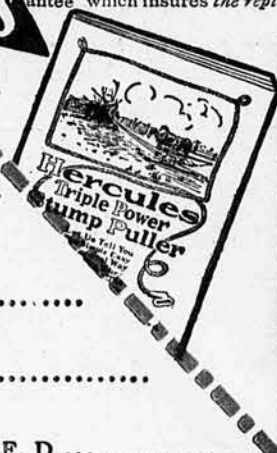
**Hercules Mfg. Co.  
828 21st Street  
Centerville, Iowa**

Gentlemen: Please send me all free books about the only All-Steel Triple-Power Stump Puller. Also your 30-day free trial and low-price-to-first-buyers proposition

Name .....

Town .....

State ..... R. F. D. ....



**NOTICE!**

### Grand Prize Yellow Strand Wire Rope used on HERCULES PULLERS

It is this Yellow strand wire rope that won first prize at St. Louis Exposition proving twice as good as next best cable. It is this Yellow strand wire rope that is being used by the U. S. Government at Panama on the real important work of building the canal. And experts say this Yellow strand rope is one of the big helps that will enable Uncle Sam to complete the canal a whole year before expected. And it is the Yellow strand wire rope that is used exclusively on the Hercules Stump Puller—not a green strand, blue strand, white strand or red strand—but a **YELLOW** strand—don't forget that—and don't let any unscrupulous person or company confuse you.