

THE FARMERS MAIL AND BREEZE

Volume 42

November 30, 1912

Number 38



Pump-Irrigation in West Kansas: Kincaide Deep Well, Finney County, 2000 Gallons Per Minute
 See article on Page 7 by E. E. Coffin, Scott County, on Irrigating With a Windmill.

A GREAT many farms in Kansas have unproductive acres which could be made productive by a little tile draining, more or less. No other improvement will make a greater return for the money invested. If you have not as yet given this subject much attention, or if you have, you will be interested in the useful and informing article on tiling by H. B. Walker, drainage engineer of the Agricultural college to appear next week.

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I desire to vote a straight Republican ticket, as shown by the cross X mark in the circle thereon, except as otherwise indicated by the cross X mark opposite the names of other candidates elsewhere on the ballot.



REPUBLICAN TICKET.

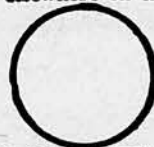
- For President, WILLIAM HOWARD TAFT.
- For Vice-President, JAMES SCHOOLCRAFT SHERMAN.
- For Presidential Elector, B. F. BLAKER.
- For Presidential Elector, J. E. BOCOOK.
- For Presidential Elector, CHAS. H. BROWNE.
- For Presidential Elector, JOHN F. DELLINGER.
- For Presidential Elector, JOHN S. GILMORE.
- For Presidential Elector, A. Q. MILLER.
- For Presidential Elector, C. W. MILLER.
- For Presidential Elector, PAUL RICH.
- For Presidential Elector, L. H. THOMPSON.
- For Presidential Elector, W. A. THOMSON.

State Ticket.

- For United States Senator, W. R. STUBBS.
- For Justice of Supreme Court, ROUSSEAU A. BURCH.
- For Justice of Supreme Court, WILLIAM A. JOHNSTON.
- For Governor, ARTHUR CAPPER.



I desire to vote a straight Democratic ticket, as shown by the cross X mark in the circle thereon, except as otherwise indicated by the cross X mark opposite the names of other candidates elsewhere on the ballot.



DEMOCRATIC TICKET.

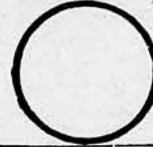
- For President, WOODROW WILSON.
- For Vice-President, THOMAS R. MARSHALL.
- For Presidential Elector, SHELTON C. BYBEE.
- For Presidential Elector, JAMES W. CLARK.
- For Presidential Elector, HIRAM R. FULTON.
- For Presidential Elector, CHARLES E. GANTS.
- For Presidential Elector, ISAAC H. MACILL.
- For Presidential Elector, THOMAS J. O'NEIL.
- For Presidential Elector, FRANCIS M. PATTERSON.
- For Presidential Elector, ANDERS SORENSEN.
- For Presidential Elector, FRED H. UHL.
- For Presidential Elector, ALFRED Q. WOPSTER.

State Ticket.

- For United States Senator, WILLIAM H. THOMPSON.
- For Justice of Supreme Court, A. B. REEVES.
- For Justice of Supreme Court, HUMBERT RIDDLE.
- For Governor, GEORGE H. HODGES.



I desire to vote a straight Socialist ticket, as shown by the cross X mark in the circle thereon, except as otherwise indicated by the cross X mark opposite the names of other candidates elsewhere on the ballot.



SOCIALIST TICKET.

- For President, EUGENE V. DEBS.
- For Vice-President, EMIL SEIDEL.
- For Presidential Elector, WALTER SCOTT ARMOUR.
- For Presidential Elector, WILBUR C. BARNETT.
- For Presidential Elector, CHAS. J. CALAHAN.
- For Presidential Elector, SEBA OSCAR COBLE.
- For Presidential Elector, JAS. H. FRANKLIN.
- For Presidential Elector, JONATHAN W. GIBBENS.
- For Presidential Elector, WM. HARRISON HILNER.
- For Presidential Elector, JESSE OLIVER JUDD.
- For Presidential Elector, NIELS P. LARSEN.
- For Presidential Elector, HENRY LUCAS.

State Ticket.

- For United States Senator, ALLEN W. RICKER.
- For Justice of Supreme Court, S. J. MATTOX.
- For Justice of Supreme Court, ROBERT ANDREW BOSS.
- For Governor, GEO. W. KLEIHEGE.

INDEPENDENT NOMINATIONS.

- For President, THEODORE ROOSEVELT.
- For Vice-President, HIRAM JOHNSON.
- For Presidential Elector, HENRY J. ALLEN.
- For Presidential Elector, E. G. BARTBERGER.
- For Presidential Elector, J. S. BILLINGSLEY.
- For Presidential Elector, GOMER T. DAVIES.
- For Presidential Elector, L. W. KEPLINGER.
- For Presidential Elector, H. M. POE.
- For Presidential Elector, JESSE N. SHACKELTON.
- For Presidential Elector, LAWRENCE T. SMITH.
- For Presidential Elector, M. W. SUTTON.
- For Presidential Elector, WILLIAM A. WHITE.

County Ticket.

- For Register of Deeds, ART. HARGIS.

This is the ballot which made trouble for Arthur Capper at the recent election. It is known that a large number of these ballots were thrown out by the election boards under the misapprehension that they were illegal because marked in the circle and also in the square in the same column. Wrong information was published in nearly all the daily papers on the day before election that such a ballot was void and although Chairman Dolley made every possible effort to correct the mistake by telegraphing to every county that Attorney General Dawson pronounced such a ballot legal, many election boards did not learn this until too late. There is little doubt that practically all these ballots were marked for the Roosevelt electors and the Republican state ticket. As these ballots were marked in the Republican circle, the marks in the squares in the same column underneath were superfluous, but did not spoil the ballot. The ballot not only plainly indicates the intent of the voter to support Mr. Capper for governor, but the law expressly states that the ballot is legal. Paragraph 3273, Page 741, General Statutes of 1909, says:

"When a voter has properly marked his ballot in the circle at the head of the ticket, the marking of the names by a proper cross mark in all or a part of the squares to the right of the names on the same party ticket shall not prevent the counting of such ballot."

Chairman Dolley says: "If these re-

jected ballots had been counted, Mr. Capper would now have a majority of at least 3,000 and there would be no question raised as to his election. These rejected ballots are now in possession of the county clerks, in separate envelopes apart from other ballots, and in all fairness they should be counted. It has been found that about four-fifths of the rejected ballots in Kansas were marked in the Republican and Roosevelt columns. The Democrats cast nearly four times as many straight ballots as the Republicans and Progressives. Very few straight ballots were thrown out. Four out of five Republicans voted a mixed ticket and for that reason the Democrats did not suffer nearly as much by throwing out of alleged defective ballots as we did; so that a recount of the rejected ballots is certain to give Mr. Capper a decisive majority. We don't want a single vote if we are not entitled to it, but no lawyer or judge in Kansas, no matter what his politics, will say we are not entitled to the ballots thrown out that were marked in the circle and the square in the same column. The voter not only intended to support Mr. Capper when he marked the circle at the head of the Republican column, but to make doubly sure he also marked the square opposite Mr. Capper's name. A great injustice has been done Mr. Capper. There is no doubt he was elected governor by a majority of several thousand. If we could get a recount and a square deal, Mr. Capper would be governor. The laws of Kan-

sas should give Mr. Capper what he is rightfully entitled to."

Mr. Capper's attorneys applied to the Supreme Court on Monday for an order to compel the counting of these legal ballots, but the court, after hearing arguments, refused to order the ballots opened. Mr. Hodges' attorneys admitted that these were legal ballots and should have been counted, but vigorously opposed any attempt to count them now, claiming that Mr. Capper's only chance was to start a contest in a Democratic state senate in January. On the face of the returns, Hodges has a majority of 31 and will receive the certificate of election. The possession of the certificate is very important in this case, since pending a contest, the work of the legislature would be done, all appointments made and confirmed, and the entire control of the state government hinged on whether the certificate should go to one or the other of the candidates for governor. The decision of the court, therefore, while it may be technically correct, defeats the intention of the majority of voters in the late election.

Will the Beekeepers Take Notice?

Mr. Editor—I am well pleased with your paper, or rather our paper, for I like to have an interest in all good things. I believe some of the readers would like to hear more from the beekeepers through the Mail and Breeze. I enjoy reading the other departments but would like to learn more about bees. Fredonia, Kan. H. F. Wampler.



THE FARMERS MAIL AND BREEZE

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CO-OPERATION OUR GREATEST NEED IN KANSAS

"Distinct as the fingers, but one as the hand."

THIS is Booker T. Washington's homely but forceful way of expressing the power and unity of co-operation.

Edwin Taylor, of Edwardsville, scholar, farmer and legislator, presented this idea to the 1,000 delegates of the Kansas Agricultural and Industrial Congress, representing 95 counties in the state, which met last week at Hutchinson. It was an incidental part of his address as presiding officer of the congress and forecasted its work.

The congress had been called to find a way, if possible, to promote statewide industrial co-operation in Kansas, to conserve Kansas resources and encourage progress in farming. One of its immediate results will be an attempt to bring about a state federation of all the farmer organizations in Kansas at the State institute, which meets at Manhattan the week of December 30.

"It is apparent," said President Taylor in his address to the delegates, "that we must all get together in some way in Kansas and work together, if we would progress together. We cannot progress apart." We need co-operation on our Kansas farms and it is equally as important to have co-operation between the farms and the Kansas towns. Many of the reproaches put upon the farmer belong to the business men of the towns. The country towns in Kansas should furnish a market for the consumption of the products of the farm. We are sending our raw products out of the state in immense quantities and then buying them back again in the finished products from other sections of the country."

Then, as one other item which should be included in the conservation program, President Taylor referred to the decrease of cattle in Kansas, a decrease of one-third or more in a dozen years, and spoke of the grass that was going to waste instead of being turned into flesh.

If the truth must be told, the Kansas Agricultural and Industrial Congress was conceived in the brain of a railroad official. Some time last summer, J. R. Koontz, general freight agent of the Santa Fe railroad, suggested the idea to President Waters of the Agricultural college and to I. L. Diesem, president of the state board of agriculture. Both endorsed the plan with considerable enthusiasm and they invited a number of prominent Kansans to meet at Hutch-

This is the Verdict of the Hutchinson Congress—Seeking the Remedy

BY A. G. KITTELL
of the Mail and Breeze Staff

inson on August 2 to talk the thing over. Of the 43 men who responded, 37 were active farmers and the congress was organized then and there. So whatever last week's convention may be accused of the farmers were in the majority. This was again evident when a delegate at the close of the session of the congress asked all present who tilled their own land to stand up. Most of the audience got on its feet, showing that the landowners alone could muster a majority. But there were bankers, merchants, railroad officials, lawyers, doctors, teachers and even preachers present.

Several things were made apparent during the congress. For instance, that Kansas farmers want to grow more per acre but they also want to market their products more satisfactorily. They want a system of co-operation that will help them to buy and sell in such a way that there will be a little something left for their labor after the transaction is made. They want to know of the best methods of soil conservation and tillage but they want facts and tried out methods. They want better schools, better roads, better social conditions. They want to be able to borrow money at a living rate of interest and long enough as to time so that the ambitious young farmer may be able to own and till his own land instead of being a farm hand, or at best a renter all his life. These were among the vital questions that were thoroughly threshed out at the meetings.

A kind of "camp meeting" spirit pervaded the convention. After each speech, or paper, there was a discussion and no one was barred from taking part. It was in these free for all debates that the real, grass-root facts about the subject under consideration were usually brought out.

"I consider this congress the most important gathering ever held in Kansas," said President Waters in opening his address on agricultural co-operation.

Co-operation in farming as defined by President Waters means the introduction of associations that will look after the profitable marketing of grain, fruit, vegetables, livestock, butter, eggs, etc. It will include co-operative breeding associations, cow-testing associations, farm insurance, rural credit and other mutual benefit enterprises.

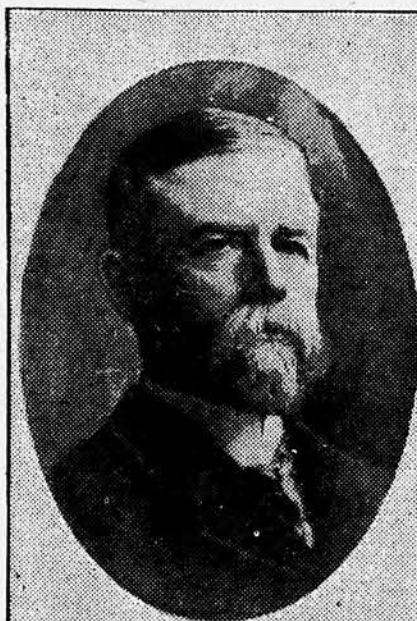
Co-operation received a blackeye in Kansas several years ago by reason of some badly managed concerns that went to the wall one after another but these things have been lived down and confidence restored. Now the greatest need for co-operation lies in the marketing of farm produce. The producer does not get enough for his product and the consumer pays too much.

"The road from the farm to the kitchen has grown longer in recent years," said President Waters, "while the road from the factory to the kitchen has been shortened by better business methods. The farmer must adopt some of these modern business methods and the way to do it is to co-operate."

Successful co-operation by farmers is no longer a dream. It is usually born of necessity. California fruit growers got together in a selling organization only after their industry was about to die. Danish farmers adopted co-operation as a protection against poverty. Success was remarkable in both cases. California fruit growers now sell their oranges in Kansas, often lower in price than the Kansas grown apple, and the Californians are getting rich at it, while the Danish poultrymen have an egg-exporting society that has monopolized the London market by eliminating all loose play between producer and consumer and furnishing a dependable product at a more reasonable price than anyone else could afford to. There are now about 550 co-operative agricultural societies in Denmark, all of them thriving.

President Waters's address bore fruit early, for before the congress closed an informal meeting was called and plans made to form a federation of all farmers' organizations in the state, such as the Farmers' Union, Society of Equity, the Grange, farmers' institutes, etc. One of the chief aims of the proposed federation will be to establish selling associations in every part of the state, to be made up entirely of farmers, and that will deal directly with mills and packers. Sentiment was strongly in favor of radical measures to eliminate at least a

(Continued on Page 10.)



Edwin Taylor
President



George Plumb
Vice President



W. H. Morgan
Secretary



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Treasurer

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

DON'T TAKE IT TOO SERIOUSLY. Of course, life is a serious business, but my friend, don't allow yourself to go around humped over with a weight of gloom.

To begin with, even if things are as bad as you imagine they are they won't be helped by your groans. And in the second place, they probably are nowhere near as bad as you think.

I have not seen a great deal of the world. I have not seen either the worst or the best, but I can recollect back now for quite a number of years and I have never known the time when there was not a large number of people who were deeply impressed with the belief that the world in general was hanging on the ragged edge of destruction; that wickedness was rapidly increasing, and that the masses of the people were sinking deeper and deeper into the bogs of misery and want.

The people who proclaimed this were dreadfully in earnest about it. They believed that they were real prophets crying in the wilderness and warning the nation to flee from the wrath to come. Well, they were right in part, but mostly wrong in their conclusions. There is a lot of bad in the old world, a lot of wickedness and selfishness and suffering that might be avoided, but there is, after all, more of good than bad, and what is more, the world is better today than it ever has been.

There are still depths of poverty and wretchedness almost unspeakable in some places, but the hopeful thing about the general situation is that it is not so bad as it used to be. There are many inequalities yet to be righted, but there are vastly more people who are giving time and earnest, practical study of the question, how can these conditions be righted, than there ever were before.

I am not saying that the calamity howler is not useful and necessary. On the contrary, I think he is. Somebody must cry out and condemn wrong or it never would be righted. The great mass of ordinarily good people never reform anything till they are stirred up by the radicals.

Roughly speaking, society may be divided into three classes, morally. There is the group of human wolves, fortunately not very numerous in comparison with the total population, but active, untiring and utterly unscrupulous. Their aim and business is to prey on society, to dupe the innocent, to rob the defenseless, to plunder whenever and wherever they can.

The shrewder ones among them manage to keep out of the clutch of the law and plunder by methods that are not exactly forbidden by statute. Others are simply coarse, brutal criminals who defy the law and hope to escape its penalties.

The first mentioned are more dangerous to society than the former. The smooth crook, who can defraud his fellow men, remain within the law and keep a semblance of respectability while he beats them out of what belongs by right to them, becomes

an example to the young to follow. At the other extreme of society is the fanatical reformer. He sees the evils that exist and perhaps a number that do not exist. He is the calamity howler of his day. He is generally honest and in dead earnest.

There are a great many who will declare that these wild-eyed reformers are fakes and hypocrites. That is not true. The fake and hypocrite is not apt to follow a course which brings him kicks and curses and subjects him to mob violence. Men of the John Brown type may get out of mental balance. They may and generally do become utterly impractical, but they are not hypocrites.

The leaders of the Abolition movement in this country were ahead of their time. They were impractical but they were not hypocrites. Old John Brown did a most foolish, impractical thing when he instituted that raid at Harper's Ferry, but he was no hypocrite. Debs may be impractical, but he is no hypocrite.

These impractical extremists are useful. They are necessary. Between them and the wolves at the other extreme of society is the great mass of average people who are so busy, or think they are, that they have no time to put in reforming things. They want to be let alone. They would object, of course, if a robber should enter their particular homes or places of business and rob them. They object if some individual cheats them personally, but they are steeped in a sort of selfish carelessness.

They are not disposed to examine into public matters. They perhaps vote at elections and vote whatever party ticket their fathers voted. They take no trouble to ascertain whether there is incompetency or graft in the conduct of public affairs. They look upon the wild-eyed reformers as nuisances and don't want to be bothered with them. They want to be let alone.

But the time comes when some earnest crank stirs up trouble. He exposes a wrong and finally he forces the good natured, selfish mass to listen to him and start an investigation. And then the mass moves up a step nearer to what is right.

And there are a lot of very well meaning, earnest people who make serious mistakes. To begin with, they expect too much of humanity. They get impatient because things do not move faster in the way they think they ought to move. In the second place, they are apt to be dogmatic. They insist that the standards they set up shall be the standards that everybody else must follow.

It may be that they are right, and then again they may be mistaken. Dogmatism and intolerance have been the cause of a vast amount of suffering and injustice in this old world.

People are a composite of good and evil; of selfishness and generosity; of kindness and cruelty; of love and hate; of honesty and dishonesty; of virtue and vice. Just as Nature has sown in the earth the seeds that produce noxious weeds and sweet smelling flowers; of poisonous plants that carry sickness and death and the seeds of plants and trees that produce fruits that feed and nourish the children of men.

It seems, also, that Nature has sown rather more of weeds than of flowers, more of the things that hurt and destroy than of those that furnish healthful and pleasant food. It seems to have been the purpose of the Creator to make man struggle for the good things.

Left unchecked the weeds are apt to crowd out the useful plants and the beautiful ones. This struggle is necessary for the development of man physically, mentally and morally.

In those parts of the earth where Nature is most bounteous, where little or no exertion is required to procure sufficient food and shelter to supply the needs of men, there are found the least progressive peoples, the most untutored savages, the fewest works of art, the lowest grade of human beings.

What is true of the soil is true of the moral nature of man. The noxious weeds in his nature are more ready to germinate and grow than the good fruits and flowers that make him a kind, progressive, honest and noble citizen. The evil that is in his nature can be killed out just as the noxious weeds can be killed in the field by intelligent and persistent cultivation.

But I have never yet seen a field so clean that there were no seeds of noxious weeds left in it, or one that if neglected long enough would not again become foul. Nor do I believe that any man becomes so good, so generous, so unselfish, so honest and so pure that there remains no danger that he will revert to a state of selfishness and evil. The forces of good and evil always have been at war and always will be. They are so evenly matched that sometimes one seems to have the better of the contest and sometimes the other. That is what makes progress seem so discouragingly slow.

But that the forces that work for good are gradually getting the better of the forces that work for evil I confidently believe. It seems paradoxical to say that evil is a good thing and yet I sometimes think that perhaps it is. The necessity for a struggle for better conditions; for a higher state of morals; for justice and right, strengthens those who make the struggle.

To what credit would a man be entitled for doing right if he never experienced temptation to do evil? Is the sheep entitled to credit for being a harmless, peaceful animal? No; for Nature made it timid. A man would not be entitled to any credit for being honest if he never had the temptation or opportunity to cheat or steal or take any advantage of his fellow

men. The man or woman utterly devoid of passion is entitled to no particular credit for virtue.

We are all so fallible, so far from perfect, that it doesn't become us to get dogmatic and intolerant. There are a few simple rules of right that lie at the base of good government and good society. I think, perhaps, they may all be summed up in the one simple rule of doing by the other fellow just as you would like to have him do by you. And this doesn't imply that you should be a weakling; that you should have no convictions, or that you should not try to impress the convictions you believe to be right on your fellowmen. It doesn't imply that you should allow yourself to be imposed upon for the sake of peace.

The fact is that you have the same rights as your fellow, or ought to have, and if you can prevent it you have no more right to allow him to impose on you than you have to impose on him. It does imply, however, that all of us should try to be considerate and fair; that we should recognize our own limitations and possibility that we may be mistaken; that our neighbor who differs from us may be and probably is just as conscientious in his conviction that he is right as we are.

If we could lay aside selfishness, intolerance, partisan prejudices and pride and in a spirit of kindness and forbearance consider the matters that have to do with government and society, we would get along a good deal faster. That, however, is impossible in the full sense of the term, but we can be a good deal fairer, more tolerant and less selfish than we are.

DEFEAT OF THE SINGLE TAX IN MISSOURI.

The result of the election in Missouri was an overwhelming defeat of the single tax amendment to the constitution, the vote standing something like five to one against the amendment.

This does not prove that the single tax theory is wrong, but it does prove pretty conclusively that the masses of the people did not understand it and the natural tendency of the average citizen is to vote against what he does not understand.

The question of taxation is the most perplexing and least understood of almost any that have to do with government. That our present system, if system it can be called, is inequitable, that it bears most heavily on those least able to bear the burdens will be, I think, generally admitted, but the average voter hesitates to fly from the ills he has to what he fears may be still worse.

It will require a long time of careful education before the people will be prepared to vote intelligently on the single tax question. Personally, I frankly confess that my mind is foggy on the question. So far as my understanding goes, which is not very far, there seem to be some strong arguments in favor of the theory and strong arguments against it.

For instance, the present system does seem to place a penalty on industry and enterprise and to offer a bounty to selfishness and lack of enterprise. The selfish individual purchases real estate, we will say, in a growing city, while the price is low. The city grows and his possessions become immensely valuable, not on account of anything he has done to make them valuable, but because society, industry, has added value to his property while he has done nothing. As a matter of fact, he has stood in the way of progress. He has compelled the enterprising citizens to go around his property in order to find a place on which to build.

The single tax theory proposes to tax the unearned increment out of the lot or lots in this case. It would compel the owner either to improve his property or to sell it to some one who would improve it, for the reason that it would not be profitable to hold it simply as an investment.

That strikes the average man as rather just, but here is another case: Two men own lots side by side. The lots in themselves are of equal value. One man who has a great deal of capital, builds a large building on his lot and perhaps stocks it up himself. The other, who is a comparatively poor man, builds on his lot as far as he is able. His building is a small one. He is taxed, however, just the same as his rich neighbor. It will be difficult to convince the average man that this is just. It looks to him like emphasizing the very thing he complains about now; namely, that the burdens of taxation are piled on the shoulders of those least able to bear them.

Now there may be a good answer to this objection. I confess that I have not dug into the single tax theory far enough to say that there is no answer. I am simply giving one of the objections that strike the mind of the average man who has not given the matter a thorough study. The single taxers must be able, however, to clear away just such objections as this before they can hope to have their theory adopted.

PENSIONS FOR PRESIDENTS.

Not that it will make any particular difference, but I want to go on record as being opposed to the proposition to give princely pensions to ex-presidents of the United States.

The fact that a man has been president of this great country, instead of decreasing his ability to earn a living for himself and family after his term of office has expired, increases his capacity to earn money. If he is a lawyer the fact that he has been president opens the way for him to form desirable

connections in his profession. And no matter what his business as a private citizen may be the same thing is true.

It is said that Mr. Taft has managed to save out of his salary as president the comfortable sum of \$100,000. Now if that is true it is not to his discredit. If he has been thrifty and economical enough to lay by one-third of his salary it shows that he has some business sense. He will have received, if he lives until the end of his term, \$300,000 in the way of salary. He also had his house furnished free and a number of comfortable perquisites. There is no good reason why he should not have saved the hundred thousand dollars and there is no good reason that I know of why Mr. Taft, presumably in full possession of his mental and physical powers, should now sit down and be idle at public expense.

This thing of retiring officials who have enjoyed exceptionally large salaries for many years on big pensions to be paid out of the pockets of those who have never received any favors of that sort is unfair. In private life the man who enjoys a large income and saves none of it is not regarded as a man who is entitled to much sympathy when the time comes that he can no longer earn. If he has saved nothing people are apt to say that it was his own fault. If that rule is good with reference to private citizens I can see no reason why it does not apply to public officials. If they are wasteful and extravagant, why should they not bear the results of their own extravagance or incompetence, just like a private citizen?

We have had a number of presidents who have lived a number of years after finishing their terms of office. They have not, so far as I recollect, asked for pensions. They have gone out quietly, earning a living for themselves and families just like other private citizens, and they have generally got on fairly well. As I have said, the very fact that a man has been honored with the highest office in the world helps rather than hinders him in business.

HE DOESN'T BELIEVE IT. I have just received the following earnest communication from an honest doubter:

Editor Mail and Breeze—I am here at P. J. Riedel's place, who is a constant reader of the Mail and Breeze and Mr. Riedel told me a piece which he claims he read in your paper written by Truthful James the story goes that a bachelor who had a wooden leg was on one time bitten by a rattlesnake in this wooden leg and that the leg swelled to such a size that he cut enough shavings to start the fire in the morning for some time and every time the man would run out of shavings with which to start the fire he would go out and have the snake which was always laying in the same old hen's nest all time to bite the wooden leg again which would cause it swell anew and that way the man would always have a ready supply of kindling with which to start the fire. Now Mr. McNeal this is rather more than I can believe as I can't see how the poison of a snake can have such effect on a piece of wood. I simply don't believe it.
FRANK KNOLL.

St. Peter, Kan.

One of the trying things that a conscientious editor has to contend with is this spirit of unreasonable skepticism. Of course, it would be impossible now to produce the snake and thus prove the truth of the story, for the reason that the man with the wooden leg allowed his greed to get the best of him and overworked the snake until it died from exhaustion, thus showing that infernal greed will in time defeat its own purposes.

WANTS CHURCH PROPERTY TAXED. Editor Mail and Breeze—A great deal is being said about taxes being so high.

There is one question I would like to ask you about. What do you think about taxing all church property? There is something like 14 million dollars tied up in church property on which no taxes are paid.

A man pays taxes on his property to secure protection from the state. A body of men or corporation does the same thing. Why should not a church pay taxes on its property? Not more than one-third of the people are church members, so all the people are giving free protection to less than one-third of the people's property. Is this right?
PARSONS, KAN. A READER.

One of my early recollections is of a discussion of the question as to whether or not church property should be taxed. Strong arguments can be made on both sides of the question.

We are all familiar with the theory on which church property and charitable institutions are relieved from taxation. They are not supposed to produce any revenue but to be sustained in the interest of public morals and that it is in accord with good public policy to encourage such organizations as are maintained solely for charitable purposes and for moral and religious betterment of mankind.

Personally, I have always been inclined to believe that church property should be taxed. If the argument that churches should be relieved from taxation on the ground that they are necessary for the upbuilding of public morals is sound, would it not logically follow that the state should maintain these churches out of the public treasury, which would, of course, lead to the establishment of a state church, the very thing that our forefathers objected to?

ARE THE RIGHTS OF THE USER PARAMOUNT? Editor Mail and Breeze—Recently I heard a resident farmer say that he

thought the farmers who were actual settlers, who were developing this country, etc., had a moral

right to help themselves to grass and hay on the land owned by non-residents.

This sounded exceedingly dangerous to me. If I happen to possess or inherit a parcel of raw land, I being at work or in business elsewhere, or having cash invest it in such land as an investment or for security, has anyone any moral right to cut my grass or pasture it without first entering into bargain or contract with me?

Where, if any, is the difference between such taking of my property and "strong-arming" me and forcibly depleting my humble exchequer? The rights of property lie near the foundation of society, do they not? And isn't the above philosophy fraught with danger to us all? And is it not fallacious?

Could you "speak your mind" through the Mail and Breeze and let several of us know what your opinion, and that of other "economists" is, on this subject?
F. D. JOSLIN.

Winona, Kan.

Unless we adopt the doctrine that private ownership of land should be abolished and also the doctrine that the rights of the user are paramount to the rights of the owner, I can see only one answer to the above question. If an individual has the right to hold the title to land and to use or not use that land as he sees fit, he certainly has the right to the product of his land.

If his neighbors have a right during his absence to go on the land and help themselves to whatever may be growing on it, then his title is not of much value. The state, county, township and school district all levy taxes on his land and certainly he has reason to expect that his right of ownership and right to the fruits of his property will be protected.

Truthful James

"It is certainly wonderful," said Truthful James, "what these here doctors can do these days, but then some of these here big surgeons ain't got no advantage over some old country doctors I hev known."

"For instance, there was Doc Twichel I used to know, who practiced in a little town out in the range country in Colorado. Now there was a real genius, though he never got no fame and mebby hadn't a diploma from none of the highfalutin medical colleges."

"One day Bob Silvers was ridin' a hoss across the range in company with a Mexican greaser when the animal stepped into a prairie dog hole and threw Bob against a rock bustin' his head open on one side. The peculiar thing was that the Mexican's hoss, which was comin' on just behind, fell over Bob's hoss and threw the Mexican a couple of rods, putting him out of commission."

"Some of the rest of the outfit saw the accident and picked Bob and the Mexican up and took 'em both to camp and sent for Doc Twichel. When he got there the Mexican was just a breathin' his last and Bob seemed to be all in with the brains oozin' out of the side of his head."

"Doc says, 'It's a million to one shot, but there is just one chance to take and I'm goin' to take that.' So he split Bob's head clean open on one side and cleaned out a half of his brain and then took out half of the brain of the dyin' Mexican and put it in place of what he took out of Bob's head. Then he clamped Bob's skull together and ordered him to be kept perfectly quiet for 10 days. He said he wa'n't guaranteein' nothing but it might work."

"And it did. In the course of a month Bob was all right and ridin' the range just the same as before, but there was this here peculiarity. Half the time after that Bob talked nuthin' but Mexican and the other half he talked United States the same as he did before he was hurt. Before he hit that rock he didn't know a word of Mexican. It appeared that when one side of his head was workin' the other was asleep, but occasionally it would wake up just when it was least expected."

"For instance, sometimes when Bob was busy talkin' United States he would suddenly commence to talk Mexican and vice versa, or words to that effect. It bothered him a good deal, but that wa'n't the worst of it. Bob prior to this here accident had no more use for a Mexican than he did for a Digger Indian, and here he was, half his head Mexican and half United States. The result was that he spent considerable time a quarrelin' with himself. The United States part of his head would begin to cuss and snort and abuse the Mexican part, and then the Mexican part would come back and tear off a lot of furin cuss words aimed at the United States part. It was really distressin' at times to hear the left half of Bob take on and abuse the right half."

"Then he got hot at Doc Twichel and swore if he didn't cut out the Mexican part of his think works he would sure fill him with lead. Doc said that it was possible to do that, but he didn't have nothing to put in place of what he took out, as he reckoned that there wa'n't any American who would be willin' to give up a part of his brains to take the place of what the Mexican hed furnished."

"Bob said that he didn't care a whoop what Doc put in just so it wa'n't Mexican and Doc said if he felt that way about it he would try to fix him some way. So he performed another operation, removin' the Mexican brains and replacin' them with the brains taken from the heads of a couple of hounds that stayed around the camp. He said probably Bob would die sure that time, but he didn't. He got well, but the effect certainly didn't improve him none."

"After that he would git up in the middle of the

night and sit on his hunkers and oeller in the moonlight for an hour at a time and in the course of six or eight months his left ear commenced to stretch out and lop over till it hung down to his shoulder.

"It mebby would hev been better if Doc had let Bob die in the first place, but it showed that as a surgeon none of these high-priced doctors held any edge on old Doc Twichel."

HOW DAKOTA STOPS SOIL BLOWING. There was humus in plenty in the soil for several years after the native sod was broken up. It was furnished by the grass roots and decaying vegetable matter and it held the soil particles together. Then came the years of continuous grain growing which gradually exhausted this matter and soil drifting began. Up in North Dakota, where they have this trouble, just as we do in western Kansas, the more enterprising farmers believe the only practical way to stop soil blowing and get humus back into the cultivated ground is by mixed farming with livestock and they are going at it that way.

Eastgate Brothers of Grand Forks county, North Dakota, reported in a recent issue of the St. Paul Farmer they had been fighting soil blowing for 13 years and that mixed farming with livestock had finally won out for them. With the livestock came fenced fields, alfalfa, clover, corn, grasses and rotation of crops, increased profits, and the soil drifting stopped. Besides a herd of 40 purebred Angus cattle and about the same number of Oxford sheep, these men buy a flock of range sheep each year to fatten and sell on the fall market. About 20 acres of land is manured from this stock each year. This manure is applied on stubble fields and followed with corn but they propose to change this system by seeding down more land to pasture, manure the pasture and follow this with grain in the rotation. The farm is now being fenced into seven fields to facilitate this rotation scheme.

Corn takes the place of summer fallow in dry years, as they will not risk the fallow where soil is inclined to drift. The Eastgates hold that the growing of a crop of corn has nearly as good an effect as summer fallow and no crop is lost. However, where the fallow is especially wanted it may be accomplished with safety by disking the stubble fields the first thing in spring and again about June 1. This helps to hold the moisture and kills any young weeds that may come up. About July 1 the ground is deeply plowed and packed with a packer or harrow. During the first part of August oats are sown over the ground lightly and in the following five or six weeks the crop will get large enough to protect the land in winter and hold snow enough to replace the moisture taken up by the oats. In the spring a disking or two will make a good seedbed for any crop.

SERUM CHEAPER THAN CHOLERA. Dr. F. S. Schoenleber, veterinary editor of Farmers Mail and Breeze, says the life of a

young pig can be insured against cholera for 25 cents if its mother was a vaccinated hog. If the mother wasn't immunized the pig can be vaccinated at a cost of about 50 cents. "And yet," says Dr. Schoenleber, "there is a surprisingly large number of farmers who still take the risk of losing their entire herd rather than pay 25 or 50 cents a head to vaccinate them."

The cost of serum is cheaper in Kansas than in any other state because the college plant at Manhattan is making it on a larger scale.

While many Kansas farmers are manifesting the conservatism in the use of the serum spoken of by Dr. Schoenleber, the farmers of Iowa are holding anti-hog-cholera meetings. Those in Woodbury county, Iowa, recently invited the government veterinarian stationed at Ames to attend a series of meetings held in that county, to teach them how to detect the disease, how to protect their herds from it and how to use the serum. The Mail and Breeze recently printed a fine article on these very subjects by Dr. Schoenleber, which undoubtedly accomplished a great deal of good.

A KANSAS BOOK ON FARMING. "A Manual of Agriculture," an admirable school book of Kansas origin, has just been issued

by the MacMillan Publishing house, New York. It was written by L. E. Call and E. G. Shafer, two members of the teaching force at Kansas Agricultural college. It is a textbook for the students in public and high schools where agriculture is taught, but is different from the average school textbook that deals with a study more or less scientific. It is a book that tells things, scientific in nature, but with the dryness and vagueness left out. Good illustrations serve to impress the lessons in a way that interests as well as instructs. Although written for a school book, there is a world of information in it of value to any man operating a farm. In arrangement the book conforms with the seasons, there being a chapter with seasonable instruction for each month of the school year, beginning with September and running on through to May. There are chapters on stock judging, tree culture, dairying, etc. It is a well bound volume of 344 pages and may be had for 90 cents per copy by sending to the publishers, The MacMillan company, 66 Fifth Avenue, New York City.

JAYHAWKER FARM DOIN'S

BY H. C. HATCH, GRIDLEY, KANSAS.

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

On this farm one team is plowing while the other picks corn. We could have been nearly done with husking by this date, November 18, had we kept at work with two teams, but plowing went so nicely that we just had to risk getting the corn out later.

First we set in and plowed an 11-acre field which grew flax this year and which will be planted in corn next. This field was plowed rather deeper than common and a very good job was done with the 12-inch gang plow. By rights we ought to raise good corn on this field in 1913.

The next field was the one in which corn husking was going on. Last night the plow had pretty nearly caught up with the husking wagon, but today sees the last of the corn out of this field. We are not plowing this so deeply and as the growth of stalks was quite heavy we are not doing so good a job. This field is to go in oats and clover next spring and we thought it would be better to plow it this fall than to double disk it next spring.

Usually fall-plowed land can be sown a full week earlier in the spring than land which bears a growth of stalks and which is much longer in drying. It is for this reason that we are letting the corn wait in the field until we can get this land plowed. Here clover sown early has a much better chance of living through the summer than that sown later and early sown oats are better in at least four years out of five.

Should the next spring be wet we will sow oats and clover together, sowing the oats first with a drill and the clover after and dragging it in. Should the spring prove as dry as the last three have been we shall not sow any oats with the clover and will sow the clover with the press drill. By shutting the feed entirely off in our drill we can sow just 10 pounds of clover seed per acre, which we think is just the right amount for this section when the land is in good condition.

We have been feeding Kafir fodder for the main ration of the cattle in the yard and they seem to be doing well on it. Part of the time we use bound Kafir from which the heads have been cut to feed the hogs and part of the time it is sowed stuff. They like the sowed stuff better, although to look at it one would think the bound fodder would be the better feed. It has been our experience that stock of all kinds like loose fodder better than that which is bound and loose hay better than the baled article.

The milk cows in the barn are fed a ration of corn, clover hay and fodder and the calves get the same. Strange to say, the cows like the sowed Kafir hay better than they do the clover and the clover is of the best quality, too. When the cows in the barn hear the fodder wagon going into the yard they set up a bellow and will not be contented until they are turned out and can get at the Kafir hay. They leave mangers full of good clover to do this, too.

The hog pasture still furnishes fine feed and seems likely to hold out until real winter comes. The rape has started a new growth since the rains of election week and it now has new leaves on it as big as your hand. The hogs like this new tender growth and it makes just the thing needed to go with the Kafir we are feeding them. It saves a great deal of mill feed, for when Kafir is fed we find that something of a loosening tendency also has to be fed with it, for Kafir alone is very constipating. We have never before had such good results from rape pasture as this year.

We have a letter from a Linn county reader who asks how we feed Kafir in the head to hogs. He has this year raised his first crop of Kafir and is well pleased with it, but does not know just

the best way to feed to get the most out of it. We are feeding Kafir heads to our hogs in connection with ear corn, using half of each. At noon we give a slop made of shorts and they have the run of the rape pasture spoken of above. We go to the field and head a load of Kafir and drive the wagon beside the hog yard and throw it over the fence with a fork, giving a forkful of Kafir to each scoop of corn.

Will our readers, who have had experience in feeding Kafir, write the Mail and Breeze telling just what they think of it and how they have obtained the best results in feeding. This is a live question to many Kansas farmers this year, for they have on hand a large quantity of Kafir which is not of the best quality and for which low prices are offered. At the present prices paid for all kinds of fed stock it should pay better to feed this Kafir on the farm instead of selling it. Can good gains be made on fattening cattle when Kafir is fed instead of corn?

We find a very great difference of opinion among farmers as to the value of Kafir when fed to any kind of stock. It has been our experience that Kafir, when fed alone to hogs, is very constipating and that when it is used as the sole feed it does not take long to stunt a hog. Last fall we used, in this column, the expression that Kafir when fed alone would put a hog "out of business" in a short time and for this were called down by many farmers, who declared that so far from putting a hog out of business, they had found that Kafir alone made the finest of gains. Some even placed its value as greater than corn. Now we would like to have some of our readers tell what they have found out about it. It is a subject that will prove of much interest to the great majority of our Kansas and Oklahoma readers.

It is almost impossible to get cars in which to ship hay now and it is working a hardship to many here who would like to get their hay sold before winter sets in. The price is now fair, but it cannot be taken advantage of so long as cars are not to be had. One of our neighbors who put in a requisition for a hay car this week was told that there were 20 ahead of him and that he would have to wait his turn. In former times when an empty car came in the first man who got to it held it, but now the rule is that each man takes the car he orders and gets it in turn. The old way was not fair, for the farmer who lived a distance from the station stood no chance with the town hay dealer when cars were scarce.

The coming administration has a chance to make a hit with most people if it will only abolish the free seed fake. There are now ready for congressional distribution 60 million packages of seeds none of which are of other than the commonest sorts. The city members of congress, who have no constituents that plant seeds, trade their stock to country members for reports or any kind of junk that they can mail to the voters. The average member of congress seems to go on the theory that if he sends the voter something during his term, the voter will imagine that he is thinking of him all the time and doing all he can for him. The present day voter is not so cheaply bought. Why should this free-free, indeed!—seed fake be continued any longer? The people understand who pays for the seeds and would like congressmen to know that they are capable of picking out their own seeds. Let the new administration start right by putting this relic of cheap political days into the scrap heap.

Thanksgiving day is a time for counting the blessings we have, not for mourning over those we have lost.

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Irrigating With the Windmill

BY E. E. SOFFIN

I believe the possibilities of "windmill irrigation" are great in western Kansas. In western Kansas less water is required to produce the same results than in a country which is obliged to depend entirely on irrigation, and wind power is cheap. I have given the subject of irrigation with water pumped by windmills some study because I am putting in such a plant on my farm in Scott county. It includes a reservoir covering 1 acre and a dike made of earth 6 feet high, surrounded by five 12-foot direct-stroke Althouse windmills. The pumps are 8-inch cylinders, there is a 4-inch discharge pipe and the depth to water is 27 feet. The cost, complete, will be something less than \$1,000, hiring all the work done. For such work the windmill and pump cylinder should be selected with care. They should be of the best. I am using the Althouse wood open-wheel mill.

A great many of the large plants cost too much for the average man to risk who does not know the real value of irrigation, therefore, the windmill proposition will appeal to many. Such a plant can be added to not necessarily by more windmills, but by installing a larger pump, and other power, and pumping into the same reservoir that the windmills do, only using the larger pump in cases of emergency. It won't take very long for a \$1,000 windmill irrigation plant to make money enough for its owner to install a more expensive plant if he desires. Another good feature is the windmill plant does not require the big water-bearing strata that is needed to supply the larger plants, where a large volume of water is pumped from one well.

Mr. Fred Mahler, of Scott county, has installed a windmill pumping plant, of 10 mills, seven 4-inch cylinders, and three 6-inch, with a reservoir covering 7-10 of an acre. He has successfully seeded 50 acres of alfalfa, growing as a nurse crop barley and oats and getting a good yield. I consider Mr. Mahler's plant has paid for itself this year.

In this locality, where we do not have to depend entirely upon irrigation, winter irrigation is about all we need. There is very little evaporation at that time of year, and by storing the water in the ground then, we get the benefit of it the next growing season, and for a

good many crops and seasons. As to possibilities of a windmill plant the size of Mr. Mahler's, or the size of the one I am installing: If Mr. Mahler will thoroughly irrigate his 50 acres of new alfalfa this winter that will insure two good crops the coming season. Then he will have the use of his plant for like amount of land in the spring, and in the following spring finish out the remainder of the 100 acres. I believe that it is possible with a plant of this kind to successfully irrigate 100 acres of alfalfa where it is not more than 50 feet to water. I have recently learned that a windmill pumping plant in western Nebraska where they have to go 200 feet to water, and use 20-foot windmills, is proving a success.

While in this locality we are so fortunate as to have an inexhaustible underflow of pure soft water at a shallow depth, there is a large part of western Kansas that cannot be irrigated successfully any other way than by the windmill, as the water supply is not sufficient to supply a large amount from one well, as is required where the larger and more expensive pumping plant is installed. I believe the time is fast approaching, when these large farms of the richest soil in the world will be cut up into 40 and 80-acre farms, and then the windmill pumping plant will make a stronger appeal than ever.

Scott county, Kansas.

Irrigating From a Common Well

A READER'S QUESTION.

I have a well 38 feet deep, the last 10 feet in lime rock. The water was struck in yellow clay just under the rock. The well is 4 feet in diameter and the water in it rises 6 feet. A windmill with a 1 1/2-inch pipe can pump it dry in 6 hours. Would it be practical to dig this well deeper and buy a pumping outfit to irrigate 5 to 10 acres by direct flow? Is there any danger in losing the bottom of a well in putting it down deeper? What kind of pump and engine would be best for a well of this kind? The well is not walled. Would it be possible to wall the well as I put it down and what material would serve the purpose best?—J. V., Undercliffe, Colo.

If you can now pump your well dry with a windmill in 6 hours the chances for developing this well so that you could get sufficient water for irrigating 5 to 10 acres are very small. I would suggest that a well casing 8 or 10 inches in diameter be sunk in the bottom of this well in order to penetrate the water-bearing gravel below. There must be some water-bearing strata, otherwise you would not get the water in your well. It is quite possible that this water-bearing strata continues for a number of feet below the lime rock and by sinking the well casing down 15 or 20 feet you would secure an additional head of water and the supply would be greatly increased. You will need a pumping outfit with a capacity of 150 to 200 gallons a minute to irrigate 10 acres. In connection with this pumping outfit you will need a reservoir to impound the water so that you will have sufficient head for flooding the area to be irrigated. It is not wise to pump directly on to the land where the supply of water is less than 450 gallons per minute.

I think you will find the centrifugal pump the best type of pump to use where the amount of water required exceeds 100 gallons per minute. In installing this pump you can use your old well as a well pit and place the pump as close as possible to the water surface. The suction distance should not exceed 20 feet. In such a well you will need a vertical type of centrifugal pump. By sinking the casing in the bottom of the old well you will not experience any trouble due to caving and your well pit will not require walling if it is standing all right at the present time. The ordinary gasoline engine is the best type of engine to use in connection with the small pumping units.

There is very little danger of losing the water you now have by digging the well deeper. It is possible for you to penetrate a water-bearing strata below and the water from the first strata might seep away in the second strata, yet this very seldom occurs and the chances are very small for losing the "bottom of your well."

Manhattan, Kan. H. B. Walker.

A hen left to shift for herself may lay in summer but seldom will in winter.

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Write today for particulars and we will send you our new FREE WATCH AND DIAMOND BOOK, also our book called "Facts vs. Fables" or all about the watch business both at home and abroad. Write for it today.

HARRIS-GOAR CO., Dept. 676, KANSAS CITY, MO.

The House That Sells More Elgin Watches Than Any Other Firm in the World.

Stretch the Right Fence in the Right Place

Bar stock with a *Stock Fence*; bar hogs with a *Hog Fence*; bar chickens with a *Chicken Fence*; etc. Only fencing designed for a particular purpose will assure full efficiency, greatest economy and complete satisfaction.

"PITTSBURGH PERFECT" FENCE

is made in a large variety of styles, sizes and weights, and perfectly meets every requirement of FIELD, FARM, RANCH, LAWN, CHICKEN, POULTRY and RABBIT YARD and GARDEN. When buying your fencing, be sure to select proper styles, and you will realize longest and best fence-service at lowest cost.

The Present Day "Pittsburgh Perfect" Fence

made of our special formula Basis Open Hearth Wire, thoroughly and heavily galvanized with pure zinc, and wires electrically welded at every contact point, producing the only dependable joint, impossible to slip or separate.

Has Proven to be the Strongest and Most Durable

"Pittsburgh Perfect" Fences are sold by dealers everywhere. See them when in need of fencing; or write direct for full information and new catalogue showing all styles and sizes.

PITTSBURGH STEEL CO.
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Makers of "Pittsburgh Perfect" Brands of Barbed Wire; Bright, Annealed and Galvanized Wire; Hard Spring Coil Wire; Twisted Cable Wire; Fence Staples; Poultry Netting Staples; Standard Wire Nails; Galvanized Wire Nails; Large Head Roofing Nails; "Pittsburgh Perfect" Fencing.

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A Money Maker for the Man

The hoisting gear has a power of 40 to 1—twice as much as others; easily, quickly and safely raised and lowered, and stands at any point; no hit and miss ratchet to bother and let the box drop and smash; no dangerous crank to fly back and cripple the boy; runs easily on sharp curves or switches, in either direction, to right or left—these are a few of the important advantages of

The Louden Litter Carrier

which changes hard, disagreeable work for a man into easy pleasant work for a boy—and keeps the barn clean and sanitary so the cows will give more milk and bring more money.

Has box of heavy galvanized iron, reinforced by angles and soldered water-tight. All the latest up-to-date improvements which inventive ingenuity and long experience can devise. Will save its cost many times a year.

We also manufacture Louden's Hay Tools, Tubular Steel Stalls and Stanchions, Bird Proof Barn Door Hangers, etc. Write our Architectural Department for Free Barn Plans drawn especially for you.

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General Agents: Harbison Mfg. Co., 1219-1221 W. 10th St., Kansas City, Mo.

THE HANDIEST THING ON THE FARM

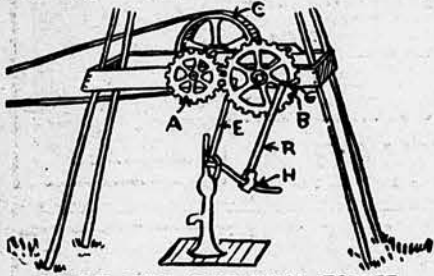
A ONCE-A-MONTH PAGE OF HELPFUL IDEAS

Do not think what you have to offer must be original with you—it simply needs to have been useful to you, or someone else on the farm or in the farm home. Make your instructions plain and understandable and send us as good a rough sketch as you can draw. Leave the rest to us. By way of incentive a year's subscription to the Topeka Daily Capital is to be the reward for the best device sent in before Jan. 1, 1913. For second and third best, respectively, a year's subscription or extension of subscription to Farmers Mail and Breeze. Send your contributions to Devices Editor Farmers Mail and Breeze, Topeka.

Pump Jack Made at Home.

[Awarded First Prize, a Year's Subscription to Topeka Daily Capital.]

Mr. Editor—This pump jack works to perfection for us and is as good as the kind you buy, besides having the advantage of being up overhead and out of the way. The gear wheels A and B were



BUILT INTO THE MILL TOWER.

taken from an old binder. The shafts on which they run are pieces of water pipe, turning in wooden boxes. C is the belt pulley. The frame on which the jack is mounted is built up inside the windmill tower. R is the rod operating the pump and connects with the gear wheel B by means of a pivot knob G. The rod is fastened to the pump handle with a clamp H that may be moved up or down the handle thus giving the length of stroke desired. E is an anchor iron from the pump to the frame of the jack to hold the former solid.

Moundridge, Kan. E. R. Goering.

Labor Saver in Feeding Hogs.

[Awarded Second Prize.]

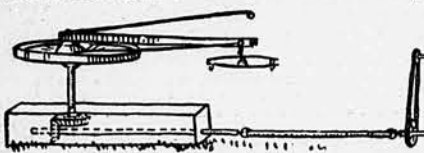
Mr. Editor—Here is a sketch showing how I built my barrel cart. Fig. 1 is the axle of an old cultivator adjusted to suit the size of the barrel. Fig. 2 shows one of the two side pieces. Fig. 3 is a carriage bolt, about 4 1/2 inches long, bent to hook over the axle and bolted through the side pieces as shown in Fig. 1. Fig. 4 shows the barrel fixed to the frame by running some No. 9 wire underneath it and another strand around it to keep it from tipping. Put some legs under the end of the handles, wheels on the axles, and the cart is ready for business. I have used my cart for several years.

Frank Slater. R. 4, Pleasanton, Kan.

A "Horse Power" From Binder Parts.

[Awarded Third Prize.]

Mr. Editor—I made a horse power out of the gearing of an old Buckeye binder to run our rotary washing machine. It can also be made to run other similar machines about the place. I took out that portion of the frame containing the gearing and shaft which drives the sickle, and removed the small wheel. The frame was set with this shaft pointing upward and was well braced to hold it firmly in place. At the top of the shaft I fixed an old plow wheel where the small wheel was taken off and the sweep



RIGGED UP READY FOR BUSINESS.

and lead rod were fastened to this wheel. For the tumbling rod I took 3/4-inch round iron rods squared at each end. The hollow squared rod which allows the binder to shift was sawed in pieces and these pieces used for knuckles for the sections of tumbling rod. The round end of this rod connected up with the power where the pitman crank was re-

moved. The proper arrangement of sprocket wheels with chain drive at the other end of the tumbling rod will gear up the power to suit the machine you want to run.

R. A. Wilson. R. 3, Medford, Okla.

Some Sled Runner Hints.

[Prize Suggestion.]

Mr. Editor—Fig. 1 shows the wrong way to cut out a sled runner as the form of it makes it hard to draw. An easy running sled is made out of a runner of the form shown in Fig. 2. Divide the runner's length in three equal parts as shown by the arrows in Fig. 2 and slant the edge each way as the drawing shows. The iron on top of the edge of an old wagon box will make good material with which to shoe sled runners.

One-inch, black gas pipe, with a 1-inch "tee" at each end, makes a handy runner for a buggy. A short piece of pipe is screwed in to each tee to fit the buggy spindle. The pipe may easily be bent cold in the crotch of a tree.

Norwich, Kan. J. A. Crandall.

To Get the Right Bit.

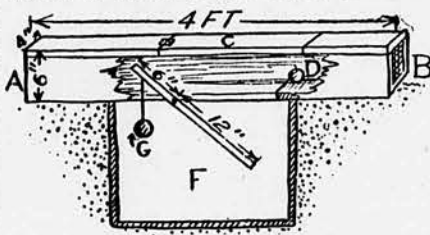
Mr. Editor—Take a short 1 by 4-inch board and starting with your smallest bit, bore a hole through the board with each one, from the smallest up. Nail this board up against the wall and above this tack a leather strap, leaving a loop above each hole. Put your bits in these loops, each one corresponding with the hole below it. When you want to bore a hole for a certain bit, insert the bit in the holes until you come to the right size, then take the bit corresponding and you know you have the right one.

No address. J. D. Fast.

This Trap Is Always Set.

[Prize Suggestion.]

Mr. Editor—My rabbit trap is always set, sets itself automatically and can catch from one to a dozen rabbits before they need to be taken out. The trap should be 4 or 5 feet long, 4 inches wide and 6 inches high. One end is closed with woven wire. The trap door is in the bottom of the trap over a pit, barrel or



ROOM FOR A DOZEN RABBITS.

box. A door is put in the top over the trap door. Fasten a weight to the short end of the trap door, just heavy enough to bring the door back up level after the rabbit has fallen into the pit.

H. L. Winston. R. 2, Ellensburg, Wash.

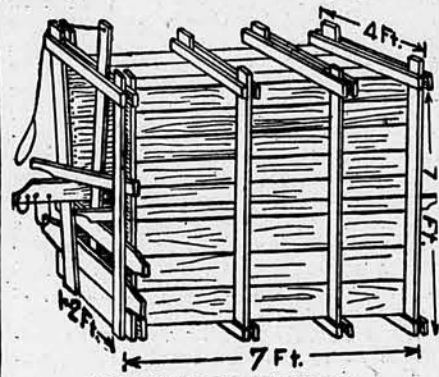
A Rack for Dehorning.

[Prize Suggestion.]

Mr. Editor—I have been dehorning cattle for my neighbors for the last 16 years and during that time have used but two crates, both of them built on the plan shown in this drawing. This speaks for the durability of such a rack and the satisfaction it has given. The bed pieces and top braces of the rack are 1 by 6-inch stuff, the standards 2 by 4s, and sides and flooring are of 2-inch

planking. On each side one of the planks is allowed to extend 18 inches each way and these ends are rounded off to furnish handles by which to carry the crate. The lower cross pieces in front also extend out to furnish a projection to tie the heads of the animals.

The drawing shows the method of putting in the levers. The upright bar



PLAN AND DIMENSIONS.

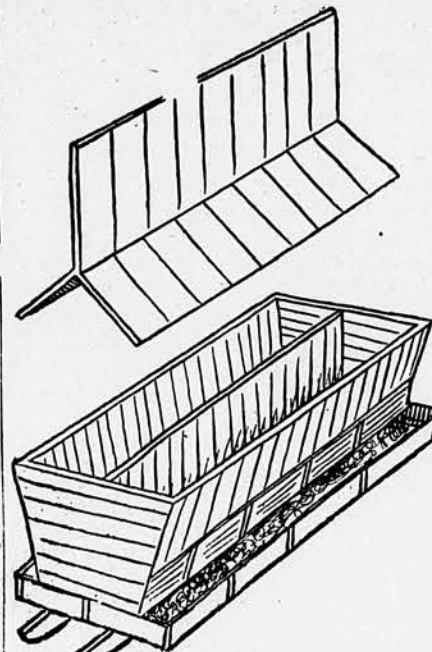
is set in a hole mortised in the floor 6 inches from the left side while a rope is tied to the upper end with which to secure the lever. The other lever is up out of the way until the animal's head is put through the opening when it is brought down and secured with a pin. Bore some holes in the sides of the rack and put bars through under the body of the animal to keep it from lying down and becoming wedged in the bottom of the rack.

S. E. Richardson. R. 1, Marion, Kan.

Movable Rack for Hay Feeding.

[Prize Suggestion.]

Mr. Editor—I used 2 by 8s for the runners of this movable rack, 2 by 4s for the rest of the frame, and 1 by 4s



FEED RACK AND DIVIDER.

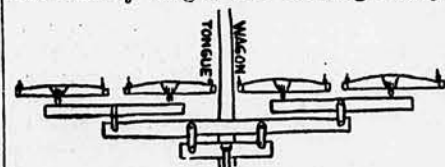
for slats. For length and size, the rack may be built to suit the needs of the feeder. The feed boxes on mine are 16 inches wide and 16 inches deep, with a solid bottom to prevent loss of feed. Hinged lids cover the feed box when not in use. We feed alfalfa in this rack and as we usually do not let stock have all they want we can drop the covers whenever necessary. Do not build the sides of the rack too slanting or you will have to push the feed down. The upper drawing shows the divider inside the rack. This makes a self feeder of the rack. By having the rack built on runners it may be moved about, so as to keep it in a dry sheltered spot all the time.

Meade, Kan. Willis Wolfe.

Four-Horse Wagon Hitch.

[Prize Suggestion.]

Mr. Editor—I am using a four-horse tree on my wagon for drawing heavy



USE THE REGULAR DOUBLE-TREE.

loads that works much better than to chain the side horses back and not know how much they are pulling. Take the single-trees from the regular double-tree and fasten the four-horse tree in their

place as shown. Then put a double-tree at each end and all four horses will pull the same.

J. C. Clafin.

Knack in Hog House Doors.

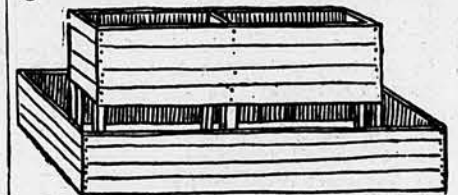
[Prize Suggestion.]

Mr. Editor—Here is a swinging hog house door that is always closed but may be opened by hogs going in or out. The opening for this door should be 2 or 3 inches wider than the door itself so it will swing free. Also leave the door about 2 inches above the ground so the hogs can get their noses under and push it open. Any old rod will do on which to hang the door. An end-gate from a wagon, bent as shown, will do. Hinges may be made of pieces of strap iron.

C. E. Key. R. 3, Hartford, Kan.

Easily Made and Saves Feed.

Mr. Editor—The best feed rack I have ever used is the one shown in this sketch. To make it I took 4 by 4s for each corner and the two posts in the center, setting them in the ground a depth of 1 foot, and 4 feet apart. The length of the rack is 16 feet. I boarded up the rack tight 2 1/2 feet from the



READY TO FILL WITH ROUGHNESS.

ground. Then I built a manger all around it 2 feet high and 16 inches wide. A 6-inch board was nailed across the top of center posts to keep the rack from spreading. With a rack made this way no feed is wasted.

N. N. S. Fowler, Kan.

A Wholesale Rabbit Catcher.

[Prize Suggestion.]

Mr. Editor—Last winter I made a very effective rabbit trap out of my chicken pen that was fenced with 4-foot woven wire. The pen is 2 rods wide by 3 rods long. I loosened one corner, drew the wires in and set two posts about 10 inches apart to which I stapled the wire, letting the ends project in about 3 feet. The rabbits came along, went through the narrow passage and then were unable to find their way out. The first day I had this contrivance rigged up I caught 18 jackrabbits, and the next day nine. It thinned out the rabbits very perceptibly. It would be an easy matter for farmers to put a fence of this kind around cane and alfalfa stacks.

Terryton, Kan. F. E. Greathouse.

A FRIEND'S ADVICE

Something Worth Listening To.

A young Nebr. man was advised by a friend to eat Grape-Nuts because he was all run down from a spell of fever. He tells the story:

"Last spring I had an attack of fever that left me in a very weak condition. I had to quit work; had no appetite, was nervous and discouraged.

"A friend advised me to eat Grape-Nuts, but I paid no attention to him and kept getting worse as time went by.

"I took many kinds of medicine but none of them seemed to help me. My system was completely run down, my blood got out of order from want of proper food, and several very large boils broke out on my neck. I was so weak I could hardly walk.

"One day mother ordered some Grape-Nuts and induced me to eat some. I felt better and that night rested fine. As I continued to use the food every day, I grew stronger steadily and now have regained my former good health. I would not be without Grape-Nuts as I believe it is the most health-giving food in the world." Name given by Postum Co., Battle Creek, Mich.

Read the book, "The Road to Well-

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

Co-Operation Kansas' Need

(Continued from Page 3.)

portion of the middlemen that have become a serious burden to the farming industry.

The new organization chose F. E. Wentz of Burlington for its chairman and called a statewide convention to meet at Manhattan during state institute week which begins December 30. Just what will be done at the Manhattan meeting will depend in a measure upon the attitude of the other organizations toward the movement. But two steps have been pretty definitely decided upon. One is to establish selling and buying organizations and the other to see that Farmers' interests are taken care of in the legislature.

Farmers Charged Too Much Interest.

Dean H. C. Price, of Ohio university, blamed lack of capital for much of the poor farming, poor livestock, and poor equipment. "The farmers of America have never organized to sell their credit for what it is worth," said the Ohio man. "Notwithstanding the fact that farm land and farm products are unsurpassed as securities for loans, farmers pay from 1 to 3 per cent more interest on their borrowed capital than is paid in other industries. Farmers also require loans for longer periods than are needed by other industries.

Dean Price came out against government or state loans, because farmers have sufficient security to put up for their loans. He would standardize farm securities after the manner of municipal bonds and then money could be borrowed much more cheaply than at present. There would be plenty of private investors to furnish all the working capital wanted if farm securities were made negotiable and put on the market secured by a farmers' organization of unquestioned financial standing.

More Milk Cows for West Kansas.

The cause of livestock was championed by Director E. H. Webster of the Kansas Experiment station and H. M. Cottrell, agricultural commissioner of the Rock Island railroad. "Livestock, dairying, and irrigation are the hope of salvation for western Kansas and much of eastern Kansas needs the same remedy," said Cottrell, who knows Kansas agriculturally like a book. "The man who is broke can borrow money with which to buy cows. He can milk these cows the same night and take the cream to the station the next morning. He can come home with the money for that cream within 36 hours of the time he bought his cows. I know of one farmer in a dry district who scooped out a hole in the ground, and filled it with Kafir and milo for silage. With that silage last winter he fed six cows and sold \$60 worth of milk a month while his neighbors were moving out of the country. Even in the driest parts of Kansas you can grow enough Kafir and milo and produce as much pork per acre as can be made with the corn grown on Illinois land costing \$300 per acre."

Dean Webster left the question of whether livestock or grain farming is the most remunerative, with the business men. "The business men and bankers," said he, "hold the secrets of the community as do no other class of men. Their verdict is based on business necessity. The man with livestock in the western part of the state has credit; the grain farmer has none."

It was to be expected that Secretary

Coburn, who presided at one of the sessions of the congress, would deal in figures and statistics. He made a comparison of different crop yields between the five-year period beginning 30 years ago with a similar period ending in 1911. In the first period the average yield of corn in the state was 34.27 bushels as against 18 1/2 bushels for the last period, showing a decrease of 46 per cent. The average yield of wheat was 16.47 bushels as against 11 1/2 bushels in the last five years, a shrinkage of 18 per cent. Oats made 31.64 bushels in the first period and 21.07 bushels in the last, a loss of more than one-third. Potatoes yields averaged 82 1-3 bushels 30 years ago but dropped to 60 bushels in the last five years, a decrease of 27 per cent.

"I cannot concede all things considered," said Secretary Coburn, "that the Architect of the Universe made on this round world of ours an equal area better adapted than Kansas to profitable sheep husbandry. The one detriment is worthless dogs."

Exaggeration but Suggestive.

"A pen picture I have seen, over-colored but suggestive, sets forth that the average Kansas farmer does not attain the prosperity he should, because he gets up in the morning at the alarm of a Connecticut clock; buttons his Chicago suspenders over a Troy shirt to a pair of Detroit overalls; washes his face with Cincinnati soap in a Pennsylvania pan, and sits down to a Grand Rapids table, where he eats Battle Creek corn flakes, Chicago ham and Indiana hominy fried in Missouri lard on a St. Louis stove. If he has dessert it is probably prunes or canned fruit from California or perhaps beans baked in Boston and seasoned with salt from Saginaw. Being thus fortified for the day he puts New York harness on a pair of Kansas broncos fed with Iowa corn, and with a Moline plow stirs his fields, more or less mulched with a New England mortgage. After supper he peruses an agricultural weekly from New York state, that perhaps instructs him in extracting the potash from seaweeds, then reads a chapter from his Bible printed in Philadelphia, turns in under blankets made in New Jersey from Montana wool, only to be kept awake by a Kansas dog—the one cherished thing produced on the farm—and wonders why he is not rich."

"I do not vouch for much of this, either personally or officially, but it is in circulation, and if half true we may with much profit take notice of 'What Ails Us' and see to applying the remedy on our own particular quarter section."

Why We Have Soil Blowing.

The kind of farming that has robbed Kansas soil of its humus will have to answer for more than one sin. L. E. Call of Kansas Agricultural college held that it was responsible, not only for impoverishing the soil but for changing the texture so that the soil is easily encrusted in dry weather or puddled when wet. Soil without humus in it will hold but a fraction of as much water as will a soil full of organic matter, and in western Kansas "soil blowing" is increasing in the same ratio that humus in the soil is decreasing. Prof. Call's remedy for this condition of things is to grow more alfalfa, cowpeas and other forage crops and keep enough livestock to consume these crops on the place. The

man who burns his straw stacks was called to account.

The good roads gospel was brought by E. H. Burrell, a government highway engineer from Washington, D. C. "The three great enemies of good roads," said he, "are water, wear and politics, and the greatest of these is politics." This, he declared was due to our political system of choosing road overseers and other highway officials. He endorsed the effort of the state highway engineer, W. S. Gearhart, to drive the "tin bridge" trust out of Kansas.

Those Who Toil Should Live Well.

Mrs. Cora Wellhouse Bullard, of Tonganoxie, daughter of the late Judge Wellhouse represented the cause of the farm home and particularly of the farm wife and mother. She made an eloquent plea for a square deal for the woman on the farm. The greatest need of Kansas is to keep alive a strong home finding, home building, rural population.

"If we are going to make the country a better place for the farmers' wife," said Mrs. Bullard, "let's organize county civic improvement societies. Let's clean up the farm house and beautify country roadsides. The average farmer will not take time to fix up his own dooryard until it is popularized. When it becomes epidemic he will do it."

Former Congressman Scott, who was chairman of the agricultural committee during the closing years of his service in congress, introduced the county adviser plan, favoring a legislative appropriation for such man in counties where the commissioners should vote to have one. This precipitated a warm discussion about half the farmers being against the plan on the ground it would increase taxation.

Leavenworth's Farm Adviser Heard.

The farm adviser plan is new to Kansas and to get facts at first hand, P. H. Ross of Leavenworth county, Kansas' first farm adviser was called on to tell how the plan is working out. Mr. Ross began his work last August. Before he left Manhattan for his new field President Waters called him into his office and sent him on his way with this admonition:

"You may think that because you have been called to a county as farm adviser that farmers are employing wrong methods there. In 90 per cent of the cases, they are right. They have lived on the ground and know conditions. It will be your duty to correct that 10 per cent which is wrong." And that is what Mr. Ross is trying to do.

In the resolutions adopted by the congress, the state legislature was requested to make it possible for the people of any county to employ a county farm adviser if they wished to.

The Congress to Be Permanent.

Resolutions were passed making the congress permanent and giving the president and executive committee full charge of arrangements for the next meeting.

The two United States senators from Kansas were requested to support the Lever bill providing federal aid to agricultural extension work, which was passed by the house of representatives last August.

Amendments to the school laws of the state were recommended that would make the county the unit of taxation and organization for school purposes, outside of first and second class cities. This to be done with a view to providing ample buildings not only for the schools but to promote the civic, social and religious life of the communities.

The next legislature was requested to amend the constitution so as to provide for a fixed income for the state institutions of higher learning, this question to be submitted to the people by the legislature.

The bill of Congressman George Neeley of Kansas, now before congress, was endorsed. This bill asks an appropriation for an irrigation canal leading from the Missouri river in Montana down through western Nebraska, Kansas and Oklahoma.

The officers chosen by the organizers of the congress will hold over for another year. They are: President, Edwin Taylor, Edwardsville; vice president, George B. Plumb, Emporia; secretary, W. Y. Morgan, Hutchinson; treasurer, Scott Hopkins, Topeka. The congress is to be a permanent Kansas institution. The time and place of meeting next year was left to the decision of the executive committee.

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The High Power Engine for All Farm Work

Take it wherever you have use for it—it weighs less than 300 pounds.

Catalog Free.



Original Binder Engine

4 Full Horse Power

Falls more than rated power. 4-cycle automatic throttle governor. Fuel consumed is proportioned to work—no waste. Easy to move and handle, easy speed change, fits in any place, simple, dependable. Up-to-date farmers are buying the Farm Cushman because it's an all-purpose engine suited to every power job, from turning the grindstone to operating the binder. Write for catalog showing what other farmers are doing. We build 4-8 and 20 h. p. specialty engines for heavier work. Get descriptive catalog. Don't buy till you see CUSHMAN MOTOR WORKS

2026 N St., Lincoln, Neb.

Concrete

is the best material for grain tanks as well as for silos. Our price is eleven cents per bushel of capacity.

On silos for next year we will make a discount of 4% after Sept. 20th, to keep our machines in fall work.

HOPPER & SON,

MANHATTAN, - KANSAS

THE BEST \$45.00 strictly all oak tanned Western Double Team Harness on earth, with breeching and collars for



\$33

Catalog for the asking.

Hame tugs, 14 in. with three loops and patent buckle. Traces 2 1/2 ins. solid single ply, with cockeyes.

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SASKATCHEWAN

Western Canada

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A Swift Current, Saskatchewan farmer writes:—"I came here on my homestead, March, 1906, with about \$1000 worth of horses and machinery, and just \$35 in cash. Today I have 900 acres of wheat, 800 acres of oats, and 50 acres of Jax." Not bad for six years, but only an instance of what may be done in Western Canada, in Manitoba, Saskatchewan or Alberta.

Send at once for Literature, Maps, Railway Rates, etc., to

Canadian Government Agent
125 W. 9th St.,
KANSAS CITY, MO.
or Address, Superintendent of Immigration
Ottawa, Ont., Canada

What Was the Best Money Crop on Your Farm This Year?

You may interpret this question to mean grain, fruit or livestock; in fact, anything grown or produced on the farm, whether an old standby or something new that you have tried. Whether this crop occupied a small patch of ground, or many acres, or whether it represents an experiment made in a very small way makes no difference. But we would like to have you write out your experience, pretty fully as to the practical details, or tell us how the work was done. The Mail and Breeze wants to include the letter in a general discussion of money crops in Mail and Breeze territory. A year's subscription to the Topeka Daily Capital will be awarded for the best letter received, a Mail and Breeze subscription or extension of subscription is offered for the next three good letters, respectively. Address the letters to Farmers Mail and Breeze, Topeka, Kan., and mail them on or before Monday, December 16.

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THE BEST YOU EVER SAW

25 of the Best Christmas Post Cards ever sold for 10c. All different, consisting of Holly, Mistletoe, Christmas Balls, etc., with inscriptions. Some are embossed and in gold, all are lithographed in many colors on a good quality of cardboard. Best prepaid with our large catalogue and special offer. All for 10c.

HERMAN & CO., 2430 North Halsted St., Dept. C. 25, CHICAGO.

25 NO TWO ALIKE

No Rest for the Auto.

The auto on the farm arose
Before the dawn at four.
It milked the cows and washed the clothes
And finished every chore.

Then forth it went into the field
Just at the break of day,
It reaped and threshed the golden yield
And hauled it all away.

It plowed the field that afternoon
And when the job was through
It hummed a pleasant little tune
And churned the butter, too.

And pumped the water for the stock
And ground a crib of corn
And hauled the baby round the block
To still its cries forlorn.

Thus ran the busy hours away
By many a labor blest,
And yet, when fell the twilight grey,
That auto had no rest.

For while the farmer, peaceful eyed,
Read by the Tungsten's glow,
The patient auto stood outside
And ran the dynamo.

If the Horse Disease Returns

A WEAPON IS AT HAND.

If the fatal horse disease of last summer should return to Kansas there is now plenty of proof that it can be held in check by the vaccination method. The records kept of 1,500 to 1,600 vaccinated horses in Ellis county, Kansas, show only three deaths occurred and these were horses that died within four days after vaccination.

One of the Kansas veterinarians who was in the thick of the fight all through the epidemic was Dr. H. S. Maxwell, of Salina. He reports to Veterinary Medicine that in all his experience covering hundreds of horses vaccinated not one came down with the disease after the second vaccination. Most of the animals received three doses about five days apart. In some herds treated there had been a dozen or more deaths out of 50 or more animals, with three or four sick at the time, but not another case developed after the vaccinating was done. Dr. Maxwell worked in six different counties and in two weeks, when the disease was at its height, vaccinated 560 horses with the Agricultural college vaccine.

In writing of his experiences Dr. Maxwell says: "We gave 7½ cubic centimeters of this vaccine at a dose and gave three doses about five days apart. As a reaction we got a raise in temperature of an average of 3 degrees Fahrenheit, a swelling at point of injection (the side of the neck), about the size of my hand, which lasted from four to six days, and in some cases considerable stiffness, so much that some farmers would call me and tell me that the stuff foundered some of their horses. The stiffness did not last longer than about three days. On second dose the stiffness was generally increased. On third dose none of the signs were as well marked as in the other two doses and on several occasions I gave the fourth dose with absolutely no reaction. I also gave this vaccine to horses that had been sick and recovered with absolutely no reaction. This made me feel that a horse that had been sick and recovered and one that received two doses were about alike in their susceptibility to the disease.

"So far I have not found a case where the horse has become infected the second time; nor a case where a vaccinated horse became sick after the second vaccination, and know of only a very few that were affected after the first vaccination. I did not select the herds that I vaccinated, but took them as I came to them."

Dr. Maxwell made his first autopsy August 15. Portions of the anatomy of 14 different horses all showed the presence of the germ diplococcus that causes cerebro spinal meningitis in man, with slight modifications. In every autopsy Dr. Maxwell also found the "palisade" worm in large numbers in bowels, blood, and brain. In common with Dr. Rogers of Manhattan and others, he believes this worm has something to do with the spread of the disease. Dr. Maxwell found the worms just as numerous in colts 3 months old as in horses ranging in age from 3 to 24 years.

Horse Plague Cost 3 Millions

According to records kept by J. H. Mercer, state livestock sanitary commissioner, Ellis county was the heaviest loser of all Kansas counties during the horse plague. Mr. Mercer believes the total loss in the state will exceed 30,000 animals, representing in money value about 3 million dollars. Reports have been received for 59 counties and these

show 23,000 deaths. The following table shows losses in counties that were heaviest losers:

County	Number of deaths
Ellis	4,000
Norton	1,400
Rooks	1,200
Ford	1,000
Hodgeman	1,050
Meade	800
Rush	2,500
Ness	2,800
Pawnee	1,400
Ellsworth	225
Gove	1,200
Lane	1,500
Finney	935

Percheron Breeders at Chicago

The Percheron Society of America will hold its annual meeting in the Congress hotel Chicago, Monday evening, December 2. Members of the society who are attending the International are asked to take notice. The International promises to be a great Percheron show this year. The entry list is the largest and best that has ever been made and Secretary Wayne Dinsmore writes Farmers Mail and Breeze that the show may prove to be the greatest Percheron exhibition in history.

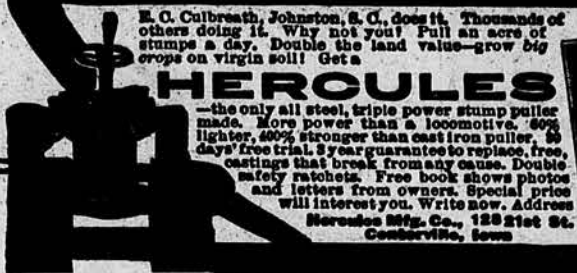
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This is a special subscription offer made to interest new readers in Farmers Mail and Breeze. Send 10c in stamps and get the big farm paper every week from the time your order reaches us until January 1, next. Regular price \$1.00 per year. Tell your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

Empty bags are worth money. Write the Fredonia Linseed Oil Works for prices. Fredonia Linseed Oil Works, Fredonia, Kansas.—Advt.

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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.



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

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

Here's A Sure-to-Please Christmas Gift For Any Man or Boy!!

A tool outfit such as we are illustrating here is something that is needed most every day in every home in city, town or country—and especially useful is an outfit of this kind to the man or boy on the farm! These tools are not cheap toys. They are of the finest quality, solid steel throughout, made by the best tool makers in America. There is nothing unnecessary in this outfit—and yet there is hardly an article needed for carpenter or repair work of any kind that will not be found in this magnificent outfit. There are 18 separate and serviceable tools!

Just try to purchase the equal of this outfit from any mail-order house or retail store in America for less than \$10—and yet by buying large quantities direct from the manufacturer we get a price which enables us to make an offer never before equaled on an outfit of such known value! It is an offer which we believe will interest YOU!

The chest itself is 21¼ inches long, 10½ inches wide, 7¾ inches high. It is made of solid oak in handsome polished waxed dark mission finish. Lock-cornered and glued, moulded cover and base, heavy lock and key, screw-plate and handles all in polished brass finish, with 2-compartment bass-wood tray.

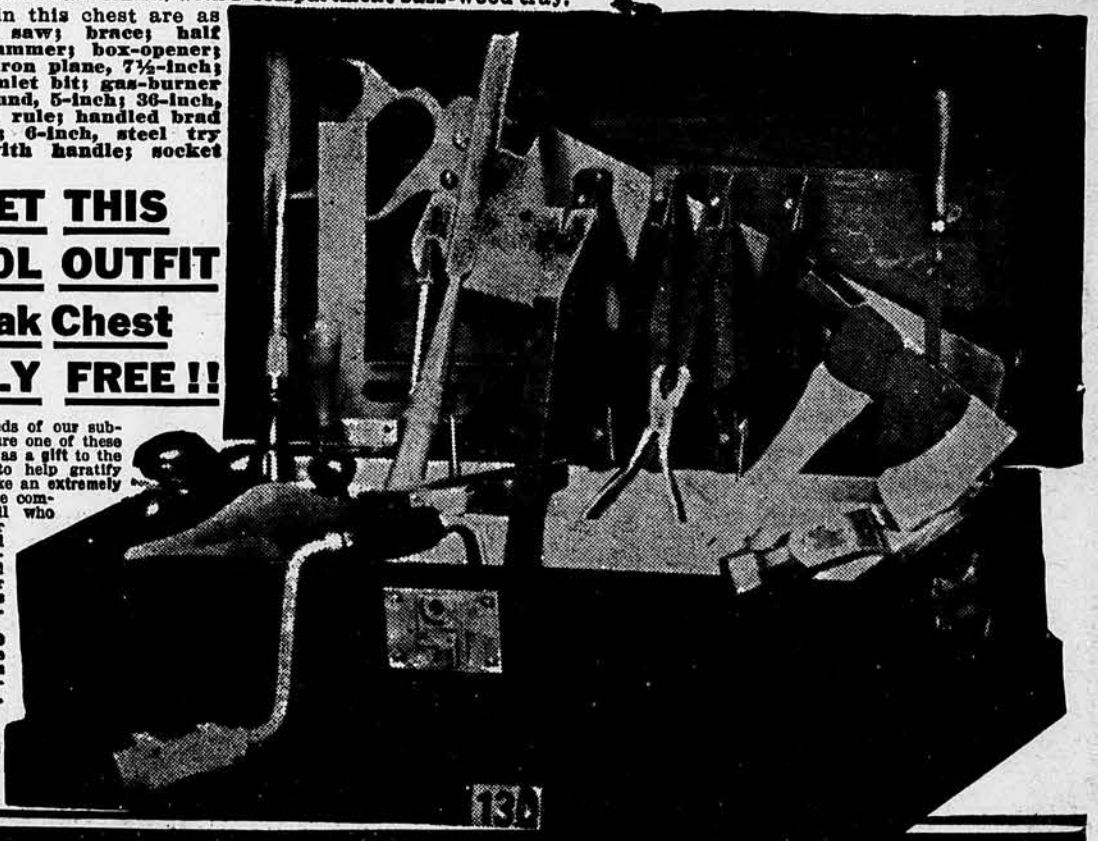
The tools included in this chest are as follows: Skew-back saw; brace; half hatchet; adze-eye hammer; box-opener; chisel; crew driver; iron plane, 7½-inch; auger bit; German gimlet bit; gas-burner pliers; level, brass bound, 5-inch; 36-inch, folding, spring-jointed rule; handled bradawl; milled nail set; 6-inch, steel try square; tape file with handle; socket chisel.

HOW TO GET THIS 18-Piece TOOL OUTFIT And Solid Oak Chest ABSOLUTELY FREE!!

We believe there are hundreds of our subscribers who would like to secure one of these sets—either for personal use or as a gift to the father, brother or son, and to help gratify this desire we are going to make an extremely liberal offer. We will send the complete outfit and chest to all who send \$8 to pay for a 10-year subscription to the Mail and Breeze—or for a club of 8 one-year subscriptions to the Mail and Breeze at \$1.00 each—or the Mail and Breeze 3 years for \$3 and the chest and outfit for \$5 extra.

These offers are good for 20 days only, so if you desire one of these big-value chests and outfits send in your acceptance of one of the offers, immediately. Address

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AT Home! SAVE the profits made by creameries and add 50% to your dairy profits. Let us prove it. Get facts about **OWATONNA Home Creamery**—complete butter-making plant for the farm. Saves the "overrun" and buttermilk. 5 year guarantee. Will show you market for your butter. Write postal for book and low prices. **HOME CREAMERY MFG. CO.** Dept. 13, Owatonna, Minn.

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Chauffeurs and mechanics get \$75 to \$100 a month, salesman and managers more. Demand grows as autos multiply. Learn to run and repair automobiles. Equip yourself for a paying position or get into the auto business for yourself. Ours is the largest and best auto school in the West. In large, new building—complete machine shops, all accessories, many makes of autos. Individual experience in large touring cars. Write for booklet. **NATIONAL AUTO TRAINING ASS'N** 8378 North 20th Street OMAHA, NEB.

Pull Those Stumps!

Stumpy farms are money-losing farms. You can't raise bumper crops with stumps on your farm. Cut-over lands made valuable by the mighty Monarch Steel Stump Puller—the puller that is guaranteed up to 500,000 pounds. Outwears and outpulls all others. 15 years' experience has PROVED it! The ONLY stump puller in the world equipped with GENUINE "RED STRAND" STEEL WIRE ROPE—the kind used by the U.S. Government. Made of highest grade Bessemer steel in our own big factory—GUARANTEED FOR A YEAR. Write for our handsome catalog. This wonderful book is worth big money to you if you have only a few stumps. We will send it FREE. Act! **ZIMMERMAN STEEL CO.** Dept. 51, Lone Tree, Iowa. Pulls Stumps Seven Feet Thick Clear 1 to 5 Acres a Day.

Salesmen Wanted Everywhere

We want good live salesmen everywhere to carry our line of cigars on the road. Chance to make \$100 per month and all expenses. Experience is not necessary. Write for particulars to: **B. P. HOLLINGSWORTH & CO.** Boulder and Denver, Colorado. ADDRESS EITHER OFFICE.

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This handsome Lady's Watch with your own initial engraved in beautiful gold plating; stem wind, stem set; a perfect little beauty; not the cheap kind; also stylish Swastika Fob and beautiful Stone set Gold Ring, all given absolutely free for distributing only twelve of our magnificent Art Pictures—no two alike. Send no money but write at once for the pictures. When disposed of send us the \$3.00 collected and we will send you Watch, Fob and Ring, absolutely free. Satisfaction guaranteed. **Ladies' Watch Club, Dept. 15, Topeka, Kan.**



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.

The "finnick" cow is not a good milker.

City folks are expecting stores to sell butter by the carat soon.

Silage will average about 40 pounds per cubic foot, in the silo.

Do the calves have plenty of clean, dry bedding in their quarters?

The cow neglected while dry will not do her best after freshening.

The temperature at which milk separates best is about 90 degrees.

One of the little things that help the flavor of butter is to let it drain well before salting.

The cream separator needs more careful attention than any other piece of farm machinery on the place, the auto not excepted.

A daily ration that can be depended on to bring milk: About 40 pounds of

About the last of April I turned them on pasture and after that they had no more dry feed. The calves they raised and the skimmilk fed to hogs more than paid for the cows' feed. I think there is more money to be made with dairy cows than in any other phase of farming, especially out here in western Kansas, where grain crops are so uncertain. Agra, Kan. George Jirs.

Will Let Cows Pay for the Farm.

The Iowa Dairy show recently held at Waterloo is said to have brought together the largest number of purebred dairy cattle ever exhibited at one fair or show in this country. William Galloway, the farm implement maker of Waterloo, well known to all Mail and Breeze folks, was one of the exhibitors. His Holstein cow Fay Jewel Beauty 59866, took down the grand championship as well as first place in the aged-cow class. Second in this class was the Galloway cow, Daisy Mercedes Johanna Ormsby. An Ayrshire cow of the Galloway herd also won the junior Ayrshire championship and a young bull took the junior Ayrshire male championship. Several years ago Galloway bought 180 acres of wornout but high-priced land near Waterloo and after trying several different farming systems which failed to make expenses he decided to try the purebred dairy cattle business. He now has two herds of purebred dairy stock. Ayrshires and Holsteins, numbering over 100 head in all. The calves from the cows of this foundation herd, are worth from \$100 to \$600 at birth. Although put to a tremendous expense in buying first-class stock, putting up barns, silos, etc., the farm is now on the way toward handsome profits for its owner. There is a great future ahead for the



"BILL" GALLOWAY AND HIS HOLSTEIN WINNERS AT IOWA DAIRY SHOW.

silage, 6 pounds of ground grain or bran and shorts, and a supply of alfalfa.

Small warts on teats may be gotten rid of by clipping off the ends with sharp shears and touching the wound with lunar caustic bought at the drug-store.

I consider a daily record, if properly kept, is worth just as much each year as an extra cow. I would be lost if I had to give my record keeping up.—J. C. Byers, Quinter, Kan.

Western Jersey Breeders Organize.

The great need of better dairy cattle in the Southwest is a problem as well as an opportunity for the breeders. The Southwestern Jersey Cattle Breeders' association was organized last week in Kansas City with an initial membership of 15 from the states of Kansas, Missouri, Iowa, Nebraska, Arkansas and Oklahoma. The headquarters are to be in Kansas City. Its purpose is to stimulate interest in the breeding of Jersey cattle, and to encourage the improvement of the breed. Senator A. L. Cooper was elected temporary chairman of the association and H. M. Dickson, secretary. A meeting to complete the organization will be held at the Coates House, Kansas City, November 30.

Cream Profits From Grade Cows.

Mr. Editor—I have a herd of five common cows from which I sold cream to the amount of \$200.98 during the first six months of 1912, besides using all we wanted for the table. During most of January only three cows were milked and I used part of the whole milk for two new calves. I fed these cows during the six months about 5 tons of alfalfa and 2½ tons of fodder. Their grain ration was 1 pound of bran, and 2 pounds of corn chop per cow daily during stormy weather. When the weather was fit they were out in the fields,

man who will get into the purebred dairy cattle business. Kansas could double its dairy output at present prices if it had the cows. Really good cows are selling at unheard of prices, even though they are grades and crosses, while good purebreds are hardly to be had at any price. The Mail and Breeze is of the opinion that Mr. Galloway has found the right way to make his high priced land pay dividends.

Trial trip until January 1, 1913, for 15 cents, Mail and Breeze, Topeka, Kan.

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No Gearing No Friction

Double Set of Burrs grinding at same time. Many thousands in use—ground millions of bushels. 3-burr mill grinds 20 to 30 bushels per hour; 4-burr mill 40 to 50 bushels. We also manufacture the Famous Lewis No. 2 mill for \$12.50. Write for free illustrated catalog of Feed Mills and Hot Air Furnaces. **BOVEE GRINDER AND FURNACE WORKS** 88 5th St., Waterloo, Iowa

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But it may lose you the race. Horse won't bring as much at the Sale. It looks bad and indicates weakness.

ABSORBINE

Will remove it and strengthen the joint without blistering or removing the hair, and horse can be worked. Cures strains, sprains, heels, wire cuts, bruises, removes bursal enlargements, bog spavins, thoroughpins, curbs, capped hocks. Stops lameness and always pays. 50¢ bottles at dealers or delivered. Book 1 H free. **W.F. YOUNG, P.O. Box 220 Temple St., Springfield, Mass.**

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We give to anyone a highly engraved, stem wind 4-yr. guaranteed watch, proper sized ring, and a fine watch chain. For selling 20 jewelry articles at 10¢ each, order jewelry now, when you send \$2.00 and we will send you watch, ring and handsome chain. **DALE WATCH CO., Dept. 27, CHICAGO**

Hardy's Hog House

"It's Portable" made of the best Corrugated Galvanized Steel with an all-steel frame. Guaranteed. Protects the Sows and Saves the Pigs! A warm, dry, sanitary, ventilated house. Made in three sizes. Pays for itself every season. Write for our Price List. **Hardy Manufacturing Co., 318 Union St., Pendleton, Ind.**

Trade In Your Old Hand Crank Separator

For the Wonderful New AUTOMATIC Engine and Separator Combined

Let us make you our special "trading in" offer—good for two months only—November and December. Don't put up with the arm-aching, back-breaking, old-style separator when you can get such a liberal allowance now towards the price of this self-running, crankless and gearless engine and separator combined! The new *Automatic* **Skims Faster Than 10 Men Can Milk**

Needs no watching or attention. Skims cleaner because power is steady and uniform. Costs only 2c an hour to run. Greatest improvement in cream separation in the last 25 years. At least 5 years in advance of all other separators. Used and endorsed by every Dairy School in the United States.

Why use any of the rest when you can have the *BEST*? Write for the "trading in" offer, today. Just a postal card will do. Address **STANDARD SEPARATOR COMPANY** 265 Reed Street Milwaukee, Wis.

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.

No \$2 potatoes this year.

Fall plowing is best plowing.

Leave the cabbages out until freezing weather.

There is no health promoter for the children like plenty of good apples.

Do not mulch the strawberries until the first hard freeze strikes the ground.

Salsify or vegetable oyster should be left in the ground the same as parsnips. Freezing improves it.

Tie something around the young fruit trees at once. Rabbits begin operations with the first snowfall.

The apple crop was a good one this year but the city consumer will never know it by reason of lower prices.

While apples do not rank high as pig feed it is best to give them to the pigs rather than to let them rot under the trees.

In heeling in trees remember to cover the tops as well as the roots. Rabbits can bark heeled-in trees as easily as those planted in the orchard.

The climate and conditions that are best for the apple are best for the human family. Both thrive best in the temperate zone.

There is no standby fruit like the apple. Pears, peaches and bananas are good for a time but for every day in the year there is nothing like the apple.

Pumpkins and squashes should be kept in a cool dark place until freezing weather comes. Don't put them in the cellar until cold weather compels you to.

Wrap the Sweet Potatoes.

A very good way to keep sweet potatoes over winter is to wrap them separately in newspapers and store them in a box or barrel in the cellar or any room where the temperature can be kept above freezing. This method of keeping them is vouched for by C. A. Scott, state forester of Kansas, who has practiced it for the last five years. During that time he has never failed to keep sweet potatoes until new Irish potatoes were put on the market. The potatoes must be thoroughly dry before wrapping and all those bruised, broken or cut thrown out.

Good Money in Melon Seed.

Oscar Drewitz of Medford, Okla., is known as the "watermelon king" of Grant county. This year he had a "patch" of 50 acres in melons on ground that at one time was considered valueless because it was so sandy. His crop was hauled off and sold by the dozens of wagon loads but this represented only one item of profit. He extracted the seed from a part of the melons grown and has just sold 8,730 pounds of it to a large eastern seed house. The seed sold for 11 cents per pound and brought in \$960.30 from the seed alone, or an average return of \$18.80 per acre.

Why Cabbage Worms Were Fewer.

We have not had to fight cabbage worms this summer and fall as usual as a parasite seemed to keep them in check. There were a good many dead worms lying about and on examining some of them, I found a kind of maggot inside them. I also found some in live worms. Is this parasite appearing only locally, and could it not be spread about?—Reader, Marysville, Kan.

There are several natural enemies of the cabbage worm, and were it not for the natural checks placed by these species on this insect, the cabbage worm would be a much greater pest than it is now. G. A. Dean, assistant entomologist of the Kansas station, writes the Mail and Breeze that the most important of these insect enemies are small parasites, the most of which have been introduced from Europe. One of them is known as a braconid (apanteles

glomeratus), a little, tiny, wasp-like insect, which was imported in 1883 from England. Prof. F. H. Chittenden, bureau of entomology, Washington, D. C., in speaking of this insect says that during the autumn of 1904 this species held its host under complete control at Washington, D. C., killing every worm which came under his observation. Another important parasite is a chalcid fly (pteromalus puparum), the work of which has been noticed in this country for more than 40 years. This insect was probably imported with its host.

These two parasites, as well as some others, have often been noticed in Kansas, and there is no doubt but that they are very important as natural checks upon the larvae of the cabbage butterfly.

Keeping Onions Over Winter.

How may I store and keep onions through the winter? There seems to be no market for them now and we want to hold them over until next spring.—S. F. D., Alamota, Kan.

Onions for storing must be well ripened and thoroughly cured. Never put immature or soft onions, or "thicknecks" in storage. The ideal place for storing onions is in a dry building, where the temperature is low but does not reach the freezing point, and where the ventilation is good. Put the onions in slatted crates, about 20 inches long, 16 inches wide, and 14 inches deep, which is the standard size. Keep the building closed on very cold days or during rainy weather.

The 1912 Potato Crop Large.

In spite of what seemed a rather bad season the potato crop is one of the largest in years. All the commercial potato-growing districts have large crops of good quality. In the districts farthest from market prices are very low while in sections as close to the big cities as the Kaw valley in Kansas much of the crop was sold in the field for less than 50 cents a bushel. This does not mean that the people of the cities are to have cheap potatoes. The old standard of 50 cents a bushel in the country and 50 cents a peck in town will obtain this year as well as others. Co-operative buying and selling is the proper remedy for this condition.

Mulching Good for Cedar Trees.

I intend to mulch the ground where I am expecting to plant cedar trees next spring. Will use straw where the wind will not blow it away and coarse stable manure where the wind hits hard. What do you think of mulching for cedar trees?—A. J. W., Belpre, Kan.

The straw mulch on the surface of the ground, will certainly keep it in splendid condition throughout the winter and early spring before the trees are planted, and will be especially valuable in preventing the soil from blowing. I cannot advise mulching close around the cedar trees after they are set. However, in locations where the trees are likely to be injured by the blowing sand, I should advise mulching to protect them. In this case, the ground for several feet on either side of the row of trees should be covered with sufficient straw or other litter to prevent the soil from blowing. I would not advise mulching close up to the stems of the newly set trees. Better results will be secured if there is no mulch within 18 inches or 2 feet of the trees. Charles A. Scott, State Forester, Manhattan, Kan.

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. Many. 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.

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



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A subscriber writes: "I never spent an equal sum from which we received greater pleasure, interest or instruction. We have taken the paper for twenty-five years without missing a single number."

The Youth's Companion

For Fathers, Mothers, Sons and Daughters — every interest of home life is covered, from housekeeping to athletics. During 1913 it will publish more than 200 stories by the best of American fiction writers — stories of thrilling adventure, luck and pluck for boys, stories of college life for girls, stories that tickle the humor and touch the sentiment in everybody.

The Companion Window Transparency and Calendar

for 1913 will be given free to every new subscriber. It is the most exquisite souvenir ever given to Companion readers — a Transparency to hang in the window or in front of a lamp. Through it the light shines richly, as if it were stained glass, illuminating the design — a figure of Autumn laden with fruits; and all around, wreathed in purple clusters of grapes and green foliage, is the circle of the months.

IF YOU CUT OUT AND ENCLOSE THIS COUPON (or mention this publication) with \$2.00 for a New Subscription to The Companion for 1913 we will send

1. All the issues for the remaining weeks of 1912, including the beautiful Holiday Numbers.
2. The Companion Window Transparency and Calendar for 1913 — an extra copy going to every one making a gift subscription.
3. All the issues for the 52 Weeks of 1913.

All For 4c a Week

THE YOUTH'S COMPANION, BOSTON, MASS.



For the Modern Baby Bunting

Daddy doesn't go out to hunt for rabbit skins to keep the baby warm. He is less romantic, but more practical.

He buys a

PERFECTION SMOKELESS OIL HEATER

and all during the cold Fall and Winter months his house is kept warm and cozy for his wife and babies.

A Perfection Oil Heater is almost indispensable when there are children in the home. Every home has uses for it.

Made with nickel trimmings, plain steel or enameled turquoise-blue drums. Ornamental. Inexpensive. Lasts for years. Easily moved from room to room. At dealers everywhere.

STANDARD OIL COMPANY
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Poultry Keeping

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

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

Eggs will soon be 3 cents apiece.

Let the old roosters go before they eat their heads off.

If chicken keeping doesn't pay don't be in too big a hurry to blame the chickens.

A good dry mash for layers: Two parts bran, 1 part cornmeal, 1 part alfalfa meal, and 1 part beef scrap.

One sick chicken soon infects a whole flock. It is always safest to remove a bird at first signs of illness.

For the work required, I find more profit in a nice flock of hens than in anything else on the farm.—Mrs. E. S. Windom, Kan.

Profits from turkeys are not confined to the price received for them at Thanksgiving time. No other farm fowl destroys as many insects in a year's time.

For an Egg Sucking Dog.

Mr. Editor—To cure an egg sucking dog buy 5 cents' worth of tartar emetic, break a small hole in one end of an egg and after pouring out a little of the white fill up the space with a teaspoonful of the drug. Paste a piece of paper over the hole and place it where the dog will find it. Sometimes the first

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

dose will not cure but a second one will usually be all that is necessary. Columbia, Ky. S. M. Suddarth.

Keeping the Feathers Clean.

Mr. Editor—In a recent issue of the Mail and Breeze I saw a letter telling how to keep geese and duck feathers from getting bloody in butchering the fowls. If you kill the ducks and geese as turkeys are killed the feathers will not become stained. Tie the bird's feet together and hang them up with head down. With a sharp pen knife cut in the roof of the mouth and let them bleed. This way the feathers will not get bloody and may be removed while the birds are warm. Mrs. G. L. Conner. R. 1, St. Paul, Kan.

Capons Must Be Dressed Right.

[Prize Letter.]

Mr. Editor—Dressed capons will always bring from 2 to 3 cents more per pound than if marketed alive. But a capon must be dressed in the capon style to show what he is. A capon's comb and wattles never grow after the operation and for these reasons their heads should be left on. Also leave on the feet, tail feathers, the coverlets, and the feathers on the two outer joints of the wing. Dry pick the birds as the feathers are valuable. A good way to kill them is to stick in the neck through the mouth. After picking lay the bird on its back and cut around the vent. There is always a good deal of fat in that part of the body and this should be pushed back as the intestines are pulled out. Leave everything in the fowl except the intestines. Wash well and hang up to dry. L. Henderson. Willard, Kan.

Curing Up Crop Troubles.

[Prize Letter.]

Mr. Editor—I have frequently heard people tell of losing birds by what is known as "soft crop" and "hard crop." In the first the crop is full of undigested, sloppy food and in the second it is full and hard. I use the same treatment for both and have been very successful with it. I give the sick bird a dessert spoonful of castor oil and put it in a pen without food of any kind, but water to drink in which a few drops of carbolic acid or nuxvomica are mixed.

I work the crop with my hands to aid the mixing process and if it is not empty or nearly so by the next day I put 2 drops of carbolic acid in a pint of water and give this to the fowl with a teaspoon until the crop appears quite full. Then I take the bird by the wings and feet and with head down massage the crop until most of the contents are forced out through the mouth. This treatment is hard on a fowl and it should be done by degrees. After this another dose of oil will usually bring the bird around all right, but the first feeding must be done carefully so as not to bring back the trouble.

Young chicks may be treated the same way with the exception that their crops must not be massaged, as this will kill them. The dose of oil should also be smaller. Mrs. C. E. H. Burlington, Kan.

Reliable Poultry Breeders

ORPINGTONS.

THOROUGH BRED S. C. Buff Orpingtons. Quick sale desired. Tillie Haller, Benedict, Kan.

FOR SALE—Pure bred Buff Orpington cocks and pullets. \$1.00 each. Albert Schable, Fairview, Kan., Brown Co.

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

S. C. BUFF ORPINGTONS. A choice lot of cockerels for sale from \$1 to \$3 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.

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.

LEGHORNS.

S. C. W. L. cockerels. Hens \$3.00 doz. Sarah Rollins, Grctna, Kan.

BUFF LEGHORNS. Choice cockerels \$1 to \$1.25. Mrs. John Wood, Solomon, Kan.

BUFF LEGHORNS. Choice cockerels, \$1.00 each. Mrs. C. A. Johnson, Leonardville, Kan.

SINGLE COMB BROWN LEGHORN cks. from the best laying strains in this country \$1, \$2, \$3 each. Col. Warren Russell, Winfield, Kan.

Reliable Poultry Breeders

LEGHORNS.

ROSE COMB BROWN LEGHORN cockerels, \$2.00 and up. Mrs. John Holshay, Bendona, Kan.

SINGLE COMB WHITE LEGHORNS. Fine Now, customers! Mrs. Albert Ray, Delavan, Kan.

SINGLE COMB WHITE LEGHORN cockerels \$1.00 each; 6 for \$5.00. W. A. Willour, Ransom, Kan.

PURE S. C. Brown Leghorn cockerels. Low prices if taken now. H. W. Dickson, Rosemont, Kan.

PURE BRED S. C. White Leghorn cockerels. One to two dollars each. R. H. Volkman, Woodbine, Kan.

FOR SALE S. C. White Leghorn cockerels from high scoring stock \$1 and \$2. E. A. Sprague, Prairie View, Kan.

THOROUGH BRED Single Comb Brown Leghorn cockerels \$1.00; 6 for \$5. Hulda Kearns, Route 2, Girard, Kansas.

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

ROSE COMB WHITE LEGHORN cockerels for sale, \$1.00 each, and R. C. White Leghorn cockerels wanted. Mrs. Cora Hildebrand, LeRoy, Kan.

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.

PLYMOUTH ROCKS.

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

WHITE ROCK cockerels \$1.00. Nora E. Sander, R. 3, Box 7, Stockton, Kan.

BUFF ROCKS. Pure bloods. Dandies \$1.50 to \$2.00. True Cutler, Holt, Mo.

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

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

ROCKS—Buff and Partridge. Females \$1.50, males \$2.00. W. F. Alden, Ellsworth, Kan.

100 BARRED ROCK cockerels \$1.00 each, six for \$5.00. Good healthy fellows. G. M. Shepherd, Lyons, Kan.

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

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

BARRED ROCKS. All round good birds. Some Indian Runner drakes, fawn and white. Mrs. Henry Bachelder, Fredonia, Kan.

BARRED PLYMOUTH ROCK cockerels, 50 early birds, pure bred, healthy, farm range, \$1.00 each if taken soon. Mrs. Theo. Jung, Lyons, Kan.

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

FOR SALE—100 pure bred Barred Plymouth Rock pullets and cks., from prize winners, at half price to make room. M. L. Meek, Ellsworth, 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.

RHODE ISLAND REDS.

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

R. C. REDS, big boned, deep red, red eyes, long body, low tail, high scoring stock. Highland Farm, Hedrick, Iowa.

SINGLE COMB RHODE ISLAND RED cockerels. Early hatched, good quality. Prices right. Clyde C. Whiteley, Wichita, 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.

PURE S. C. REDS. Strong, vigorous, egg laying strain. April hatch now ready. Cockerels \$1.00 up. "We ship no scrubs." Mrs. M. E. Wells, Byron, Okla.

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

SINGLE AND ROSE COMB Rhode Island Red cockerels, hens and pullets from best laying and richest colored strains in this country, \$1, \$2, \$3 and \$5. Col. Warren Russell, Odessa Farm, Winfield, Kan.

SEVERAL VARIETIES.

TURKEYS, CHICKENS, fine stock. Emma Ahlstedt, Roxbury, Kan.

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

THOROUGH BRED TOULOUSE ganders for sale. \$2.00 apiece. Mrs. J. M. Simon, Olsburg, Kan.

S. C. W. LEGHORNS, S. C. White and Buff Orpingtons. Write. J. A. Blunn, Sta. A., Wichita, Kan.

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

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

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

KANSAS POULTRY FARMS, Emporia, Kansas. Any variety chickens, ducks, turkeys. Prices lowest. Quality best.

PHEASANTS, Ringneck, Golden and Silver. Also Black Tailed Japanese Bantams. Write Chas. W. Newman, Sabetha, Kan.

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

Reliable Poultry Breeders

TURKEYS.

PURE BRED NARRAGANSETT turkeys. Mrs. J. R. Angle, Courtland, Kan.

BOURBON RED turkeys. Toms \$4.00, hens \$3.00. E. A. Bowman, Richland, Kan.

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

BOURBON RED turkeys and White Indian runner ducks for sale. Fay Egg, Turon, Kan.

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

THOROUGH BRED BRONZE and Bourbon Reds. Toms \$5. Hens \$4. Mrs. Roy Ortman, Otego, Kan.

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

MAMMOTH BRONZE turkeys, three and five dollars. White Orpingtons one dollar. Large stock. Mrs. Helen Lill, Mt. Hope, Kan.

WHITE HOLLAND turkeys—Toms \$5, hens \$3. Indian Runners \$2. Reductions before December 20th. Effie Garnett, Marion, Mo.

EXTRA FINE thoroughbred Mammoth Bronze turkeys. Perfectly healthy. Toms \$4, hens \$2. Write Alvin Hawkins, Route 2, Harper, Kan.

PURE BRED BOURBON RED turkeys, young hens, \$2.50; toms, \$3; two one-year-old toms, \$5 until Dec. 1. Chas. Klumpff, Ft. Cobb, Okla.

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

PURE BRED well marked big boned Bourbon Reds. Toms five dollars. Hens four. Trios no relation, twelve. Mrs. Oliver Butcher, Sedan, Kan.

THOROUGH BRED M. B. turkeys from prize winning stock at state shows for four generations, bred by ckl. that took second at Topeka state show, Dec., 1911. Mrs. James Aitken, Severy, Kan.

WYANDOTTES.

WHITE WYANDOTTE cockerels. Mrs. M. F. Austin, Miltonvale, Kan.

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

PRIZE WINNING strains White Wyandotte cockerels. Mrs. J. M. Bullock, Winfield, Kan.

SILVER WYANDOTTES—Prize mating; cockerels cheap. Mrs. J. W. Gause, Emporia, Kan.

CHOICE BUFF WYANDOTTE cockerels and pullets \$1.00 and up. John P. Ruppenthal, Russell, Kan.

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

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

WHITE WYANDOTTES. Cockerels \$1.50 to \$5.00. Pullets 50 cts. to \$1.50. Chas. V. Keeler strain. J. E. Gustafson, McPherson, 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.

PURE BRED Silver Laced Wyandotte cocks, cockerels, hens and pullets. \$1.00 to \$2.50 each. Any bird may be returned at my expense if not as represented. H. A. Dressler, Lebo, Kan.

LIGHT BRAHMAS.

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

DUCKS.

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

FOR SALE—Large white Muscovy ducks \$2.50 per pair. One Indian Runner drake \$1.00. S. H. Lenhart, Abilene, Kan.

FOR IMMEDIATE SALE—Indian Runner drakes, beauties, \$1.50 each; eggs in season. Also Brown Leghorn eggs. Lock Box 4, Emmett, Kan.

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.

INDIAN RUNNER DUCKS

The greatest layers on earth; 300 eggs per year. Send 10 cents for beautifully illustrated booklet No. 1. Tells how to raise ducks successfully. **WOMAN'S COLLEGE**, Meridian, Miss.

CHICKENS WANTED

All pure varieties. Must be 60c each or less. Hens, pullets, cockerels. Write me. E. MILLER, VIRGIL, KANSAS.

PFILE'S 65 Varieties

LAND and Water Fowls. Farm-raised stock, with eggs in season. Send 2c for my valuable illustrated descriptive Poultry Book for 1913. Write Henry Pfile, Box 604, Freeport, Ill.

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.

More Capons For Kansas

BY W. A. LIPPINCOTT
Poultryman Kansas Agricultural College

The Thanksgiving and Christmas seasons see capon prices at their best but unfortunately the capon is not as widely known in Mail and Breeze territory as it should be. The capon produces far more tender meat, brings double the market price, and will grow 10 pounds while his brother, the rooster, puts on 8. All that stands in the way of caponizing becoming more general, is the mistaken notion that the operation is too technical. Prof. Lippincott shows there is nothing difficult about it. Better file his article away for future reference.—Editor's Note.

THERE are a great many places in Kansas where no quotations are made on capons. In some cases there is good reason for this. It may be that the local buyer has a big outlet for broilers and would rather buy 2-pound broilers in the summer than 8 to 10-pound capons in December. It may also be that there are not capons enough offered to make it worth while for him to handle them separately. The result is that the few that are offered are shipped right along with other classes of stock. The local buyer should be interviewed. If he does not want capons, it would be foolish to produce them. If he does want them, is willing to pay for them, and cannot get them, it would be foolish not to produce them.

There are probably very few dealers in Kansas who would not be glad to handle capons at a considerably higher price than they pay for old roosters, if they could buy them in any numbers. Ask your own dealer and find where he stands. From the standpoint of meat production it is just as important to make a capon out of the cockerel as it is to make a steer out of a bull calf, or a barrow from a young boar.

Capon Double the Profits.

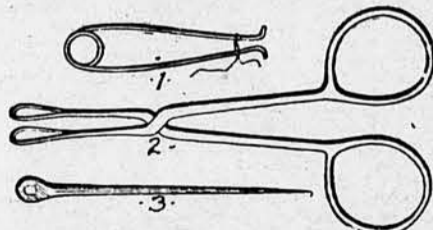
A 10-pound capon can be grown on about the same amount of feed that an 8-pound rooster requires. An 8-pound rooster will bring 64 cents if the market is that high. Where capons are in demand, a 10-pound capon will bring twice as much per pound, or \$1.60. His food cost is about the same as that of the 64-cent rooster.

Caponizing is a simple operation, while the per cent of loss is somewhat larger than results from the castration of the larger animals, it need not run much, if any, above 5 per cent for the beginner. Birds that are killed die a quick and painless death by bleeding. They are not a total loss as they are perfectly wholesome for food.

As a starting point the beginner will be safe in using birds weighing between 1½ and 2 pounds if Plymouth Rocks, R. I. Reds, Wyandottes, or Orpingtons. Leghorns weighing a pound may be used also. Later, as one becomes more familiar with the matter, the birds will be selected by their "look" rather than by weight or age. The proper time is just before the cockerel begins to make a comb, when the organs are about the size of a small navy bean.

Instruments Not Expensive.

Four tools are needed and may be bought from any poultry supply house at from \$2 to \$5 per set. Your pocket knife will do if it is sharp. A spreader is needed to keep the incision open while working. A probe that has a sharp bent point and is blunt at the other end is used in pushing the intestines aside to expose the organs and in tearing the



Four instruments are needed for caponizing—a sharp knife in addition to the three shown here. No. 1 is the spreader. No. 2, forceps for grasping testicles. No. 3, probe.

thin membranes that surround the body cavity. Finally, there must be an instrument for removing the testicles.

A good thing to have is a special table that can be tipped toward the light or a barrel will do nearly as well. What is wanted is something that will hold the bird firmly and well stretched out at a convenient height. The bird is usually pinioned by looping weighted cords over the legs and wings as shown by the picture. Previous to the operation it is necessary to starve the bird for 36 hours.

The operation may be performed from either side. A few feathers should be plucked just in front of the thigh, thus laying bare a small space just over the last rib. The surrounding feathers should be moistened to make them lie down. Locate the last two ribs with the forefinger of the left hand, then pull the skin as far toward the thigh or hip as possible. This is done so that when the



The upper picture shows the 10-year-old daughter of George Benoy, Cedarvale, Kan., castrating a cockerel. In the lower picture a caponized cockerel is mothering a flock of chicks. This is not an unusual circumstance in the case of capons.

operation is over, the incision in the skin will not be over the incision between the ribs. The skin slips back, covering the incision in the flesh.

Fine Points of the Operation.

Pinch the skin with thumb and forefinger to drive out as much blood as possible, then make the incision, being careful to follow the space between the ribs. If the bird has been properly starved there will be no danger of cutting the intestines. The first incision need not be over ½ inch long. Then insert the spreaders. Be sure to see that each hook of the spreader is against a rib and spread the incision as far as pos-

sible without tearing the flesh. Then follow up between the ribs with the knife, lengthening the incision until the spreaders may be opened to their limit. With the hooked end of the probe tear away the thin papery membranes that cover the intestines.

This done and the intestines pushed aside the testicle will be in plain sight. In a bird of proper age it will be a rich, creamy yellow. Just above it the kidneys are located and passing over the kidneys is a large blood vessel which constitutes practically the only source of danger during the operation. If this vessel is ruptured the bird will bleed to death almost before it can be taken from the table. The care with which the operator grasps the testicle without also grasping the blood vessels or tissues surrounding it, constitutes the whole trick of the operation. Having grasped the testicle, twist the forceps around a couple of times and pull them out quickly. Remove the spreaders and allow the skin to cover the opening between the ribs. In 10 days there will be nothing left but a shiny scar.

Practice on Dead Birds First.

It is customary to remove both testicles from one side. In that case it is best to remove the lower one first. Sometimes there is a little bleeding which would hide the lower one if the upper one is removed first. Beginners however will do well to make two incisions, one on each side, operating at first on a dead bird. After doing this successfully several times one may tear away the membranes enough to see the second testicle and remove both testicles through the same incision. In fact, one may become so proficient that he can grasp both organs at once and remove them together.

After the operation the birds should be placed in a yard by themselves and fed on soft food for three or four days. After that give them their regular rations. At the end of a week they may be turned in with other chickens. A few of them will bloat during the first week but this is not serious and is remedied by pricking the skin with a coarse needle.

If you have taken the organs out clean the birds will become comparatively quiet and docile, their combs will stop growing and they will not crow. The hackle, saddle feathers, and tail feathers will grow very long and shiny.

Manhattan, Kan.

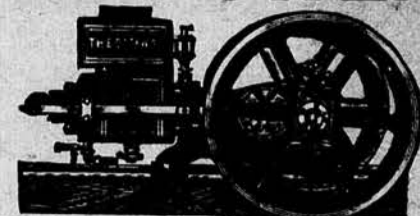
OUR SPECIAL OFFER.

To new subscribers: The Farmers Mail and Breeze until January 1, 1913, for 10 cents. Call over to your neighbor or hail him as he passes on the road, if he is not a subscriber to The Mail and Breeze, and tell him about this special offer. Earn your own subscription. If you send us 10 of these trial orders and the \$1.00 collected we will extend your time 1 year.

I have fed tankage to my laying hens and find it pays well but they will not eat much of it unless mixed with bran or cooked vegetables.—Mrs. G. F., Wamego, Kan.

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

21 HORSE 24 POWER



Here's the most reliable farm engine in America. I absolutely know that it will wear longer and do more work than any other engine of the same size you ever used. That's why we can say to you **TAKE IT—USE IT.** Send us just one-half of the purchase price or

only \$24.75

and the balance to suit yourself, small monthly payments or a six month's note, just as you like. **No Limit Guarantee!**

Every OTTAWA ENGINE is guaranteed to be perfect in construction and the greatest value that you can secure for the money. No 60-day or 90-day or one-year guarantee. No matter when—5 years or 10 years from the time you buy your engine—if it proves defective in any way, we will make it good.

Big 48 Page Catalog

FREE! If you are thinking of buying an engine, any size from 1½ to 15 H. P., don't invest a single dollar until you get our prices—the lowest you ever heard of—and our big 48 page color Special Engine Catalog. It will save you from \$20 to \$50 sure. **FREE—Send for it today.**

Geo. E. Long, General Manager, OTTAWA MANUFACTURING CO., 925 King Street, Ottawa, Kansas.

Veterinary Course at Home

\$1500 A YEAR and upwards can be made by taking our Veterinary course at home during spare time. Taught in simplest English. Diploma granted. Graduates assisted in getting locations or positions. Cost within reach of all. Satisfaction guaranteed. **WRITE FOR PARTICULARS** The London Veterinary Correspondence School, London, Ontario, Canada.

4 Acres FREE Rings
Send your name and address and we will send you 18 Beautiful Oriental Rings to suit as 10 each. All the rings in New York. When sold return us \$1.50 and get these four Beautiful Address Rings Free, also big premiums list of nearly 60 premiums and how to get them. **HOWARD & CO.,** 141 Rose St., Painesville, Pa.

Big Surprise Package 2c

We have made up one thousand surprise packages which we are going to distribute among the first 1,000 readers of this paper who answer this advertisement. Each package will contain at least three articles and one of these will be a book. The other two or more articles will constitute the surprise and will be something which we believe you will appreciate very much. We have a large assortment of miscellaneous goods and cannot say here just what will go in the package you receive—but we are quite sure you will say the three articles are EACH worth MORE than 10c. If you answer at once, sending 10c for a 3-months' subscription to our paper and 2c additional—just 12c in all—you will be receiving one of the big surprise packages for only 2c. Send 12c today. Address **Household Surprise, Dept. 13, Topeka, Kas.**

Get My Price—FIRST

On WITTE ENGINES Sold Direct at Low Factory Prices

The Witte—the Engine that's been the standard for other makers for twenty-five years—the engine you've wanted so long—now sold direct at factory prices. You get the factory quotation in place of the dealers who can no longer sell the Witte.

Factory price cut even lower by the great gas well on our property which furnishes free power to run factory, free fuel for testing engines five days each, free fuel for heating, lighting, forge, foundry, etc.

WITTE works for 1 cent an hour

Gasoline is going up—you can't afford to buy any engine that wastes gasoline. The Witte works for 1 cent an hour per horse power. It cuts gasoline bills in half. The Witte will pay for itself in what it saves you. **FUEL ECONOMY guaranteed. POWER guaranteed. DURABILITY guaranteed.** What more can you ask?

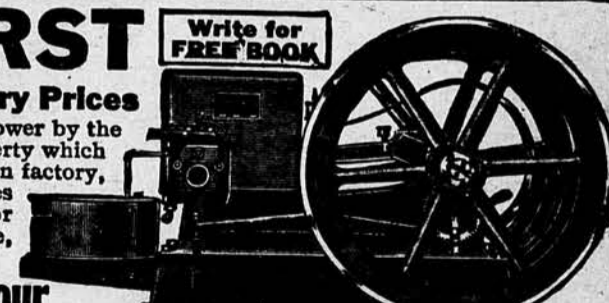
All styles and sizes of engines from 1½ to 40 h. p. Every size tested to 10% overload. We also make portable saw rigs on steel trucks. Complete and self-contained.

Get the Facts the slashed prices—the 61 points of superiority—the guarantee—the secrets Find out what we offer first. Write for Witte catalogue and sensational bulletin. Mail a postal with your name and address right now.

WITTE IRON WORKS CO., 1544 Oakland Avenue, Kansas City, Mo.

OUR HUGE GAS WELL GIVES BOTTOM PRICES

Write for FREE BOOK



Gasoline Bills Cut In Half

No Repairs in 7 years
The Witte engine has been my constant companion for over 9 years. I formerly used another make, but later years has shown that I made a wise choice when I took the Witte. I run a 16-inch millage cutter with blower, which cuts a wagon load of green corn 3-4 inch lengths and elevates it into the silo in about 12 minutes, using a 12 H. P. Witte Engine. Have not spent a cent for repairs in 7 years.—Jno. A. Reynolds, Winchester, Kan.



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.

Selecting a Good Beef Calf.

I want to become a member of the Capper Baby Beef Club and would like to know how to pick a good calf to feed for baby beef.—E. A. R., Benedict, Kan.

The butcher is the final judge of excellence in a beef steer. This makes it important that the boy or young man desiring to pick out a good calf to feed, as a member of the Baby Beef Club, should have first of all a clear idea of what constitutes merit in the steer for the block. The butcher demands a steer which will dress out not only the highest percentage of salable meat, but one in which a maximum amount of this meat is located in the regions of the more valuable cuts.

The loin is the most valuable cut of the carcass, this part extending from the point of the hips forward to and including the last rib. The ribs come next in value and include that part of the back extending forward from the loin to and including the sixth rib.

The round and rump, or the hind quarter of the carcass, follows the rib in market value.

It is apparent that the butcher's steer most in demand must have a broad back and loin and a deep full quarter and that these parts must carry a thick, even covering of flesh. The chuck, neck, plate and shank, these parts coming from the lower and forward part of the carcass, are of inferior value.

From the butcher's standpoint, the steer with the fullest development of the rear and top portion of the body supplies the most desirable carcass. The round, loin and rib cuts in a high-class beef steer constitute almost 70 per cent of the total value of the carcass. If an imaginary line be drawn diagonally from the top of the shoulder of the steer to the point of the hock, these most valuable parts of the carcass will be practically all above the line, while the cheaper cuts will be below.

The high-class beef steer must first of all conform to these market requirements. He must not only have the desirable conformation but must be able to consume large amounts of feed and make rapid gains in weight during the finishing period. Gaining capacity is not always associated with the best beef type and conformation. The ability to make good gains depends first of all upon the digestive and assimilative powers of the steer. The head of the steer should be studied carefully. The good feeding steer invariably has a short head of medium size, broad forehead, full prominent eyes, and a calm quiet expression. The muzzle should be large and broad. The neck should be short, clean and fit smoothly to the shoulders. He must have a broad, deep chest with well arched ribs. The steer to have a large digestive capacity, must have a large roomy middle or body. The ribs should come close back to the point of the hip. A steer having a wide space between the last rib and the point of the hip is usually a poor feeder.

The "handling quality," as it is called has important bearing upon the feeding qualities of the steer. The good feeding steer invariably has a soft, pliable skin, covered with a thick coat of fine, soft hair. This character is a strong indication of the activity of the circulation and the general healthy activity of all of the secretions of the body. The steer with the thick, harsh, "boardy" hide should be rejected. The side view of a good feeding steer should present a short, compact, blocky appearance. The top line should be straight and level from shoulder to tail head. The body should be deep with underline as nearly straight as possible and parallel to the top line. The legs should be short and squarely placed. The rear view of the ideal feeder should present a broad, thick appearance through the quarter, broad, flat back and loin with no undue prominence of the hips.

The long-legged, long-bodied steer almost invariably requires more time to



Turn More Food Into Milk

The fact that you can fatten your hogs on the grain that passes through your cows is bullet-proof evidence that cattle waste a good part of their ration.

Dr. Hess (M.D., D.V.S.) went after this question of wasted feed over 20 years ago, and discovered that the cause of this waste was due largely to poor digestion and that the use of certain bitter tonics was necessary to give added zest and whet to the appetite and thereby increase the cow's digestion of food. He then formulated what the whole country knows as

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Dr. Hess Stock Tonic contains:
Wax Vomica. Digestive and Nerve Tonic.
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The above is carefully compounded by Dr. Hess (M.D., D.V.S.), with just enough cereal meal to make a perfect mixture.

which had the desired effect—putting more feed into the milk pail and in the case of hogs, steers and sheep converting more feed into flesh, blood and muscle. The ingredients of Dr. Hess Stock Tonic are printed in the panel on the left, with the remarks of the U. S. Dispensary showing their high value as tonics and strengtheners.

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FREE. Dr. Hess (M.D., D.V.S.) will at any time prescribe for your ailing animals free of charge if you will send him full details. Mention this paper and send 2c stamp. 96-page Veterinary Book also free.

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INSTANT LOUSE KILLER KILLS LICE

bring to a marketable finish than the steer of the low set, compact, blocky type. The calf selected as a baby beef steer should possess to a marked degree, these indications of early maturity and good feeding qualities. This type of steer will almost invariably be found to possess a large amount of the best beef breeding. The calf fat or "bloom" should never be lost, so it is well to make the selection before the calf has been weaned, if possible.

With the calf carefully selected along the lines indicated the battle is well begun, but much painstaking care must follow before you can become a winner.
G. C. Wheeler.

Oil Meal in the Hog Ration.

Can oilmeal mixed with water and milk be relied upon as an exclusive ration? Will it produce good results in raising hogs?—R. G., Wichita, Kan.

Your inquiry is somewhat difficult to answer as you fail to state the age of the hogs you wish to feed, whether they are being grown for breeding purposes or are being fattened for market. I assume you are expecting to feed these hogs some other rations besides the swill mentioned, although you do not say so. Linseed oil meal contains relatively large amounts of digestible protein, containing about 30 per cent on an average of this nutrient. When the butter fat has been removed from milk the solids remaining consist mainly of proteid material, so skimmilk would likewise be classed as a food high in protein.

In balancing rations for hogs, it is usually necessary to add to the corn rations usually fed some of the high protein feeds, such as the skimmilk, linseed oil meal, meat meal or tankage. The last two foods mentioned are packing house by-products and contain about 60 per cent of digestible protein. Usually it is not customary to use two of these high protein feeds in the same ration. It is more profitable to use the one most readily available or the one which supplies the necessary protein most cheaply. Where corn is used as the grain feed, 3 to 5 pounds of skimmilk to each pound of corn, gives excellent results. As a rule linseed oil meal is not as cheap a source of protein as tankage. On farms where skimmilk is produced in considerable quantities, this feed is usually the most profitable to use in balancing the ordinary grain ration.
G. C. Wheeler.

Weight of Bulk Silage.

How may I determine the number of tons of silage in a silo?—H. E., Dexter, Kan.

The density of silage varies so much in silos of different heights and diam-

eters that there can be no general rule for determining the number of tons in a given silo. If you had furnished me the size of the silo in question, I might have been able to give you a fairly accurate estimate. I am mailing you a leaflet entitled, "Silo Suggestions". It has a table which gives the estimated capacity of silos of a number of different sizes. It must be noted, however, that the silo almost never contains silage to the top.

If you had been a member of your farmers' institute last year you would have received a pamphlet entitled, "Silage and Silo Construction," in which is discussed very fully the capacity of silos in various sizes. The following table found on page 48 of the pamphlet, gives the weight of silage at various depths.

Depth of silage in feet.	Weight of silage.	Depth of silage in feet.	Weight of silage.	Depth of silage in feet.	Weight of silage.
1.....	18.7	13	37.3	25	51.7
2.....	20.4	14	38.7	26	52.7
3.....	22.1	15	40.0	27	53.6
4.....	23.7	16	41.3	28	54.6
5.....	25.4	17	42.6	29	55.5
6.....	27.0	18	43.8	30	56.4
7.....	28.5	19	45.0	31	57.2
8.....	30.1	20	46.2	32	58.0
9.....	31.6	21	47.4	33	58.8
10.....	33.1	22	48.5	34	59.6
11.....	34.5	23	49.6	35	60.3
12.....	35.0	24	50.6	36	61.0

It is necessary to determine the number of cubic feet of silage in the silo before using the figures given in this table. This is calculated by multiplying the area in square feet, enclosed by the circle, by the depth of the silage in feet. In silos of small diameters the surface of the walls is larger in proportion to the silage contained than in silos of large diameters. Therefore the silage in a silo of small diameter does not settle quite so solidly as in one of a large diameter. This variation in the density of silage, due to the difference in the diameters of the silos concerned, influences the accuracy of the figures given above in the table. For convenience in making the calculation the following table below may be of some assistance in obtaining areas of circles.

Diameter	Area in square feet.
12	113.1
14	153.9
16	201.1
18	254.5
20	314.2

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

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Col. R. L. Harriman



Col. H. S. Duncan



Col. E. Walters



Col. A. W. Cies

\$27,840 IN ONE BID.

COL. W. B. CARPENTER:
Dear Sir: I have made five sales this week and have a sale of twenty horses and two stallions. These horses are two of the best horses in this country and weigh 2,000 pounds apiece. Am dated now for every day in February and four over in March. Must tell you of a land sale I made. I sold 240 acres of land to the highest bidder. The land is six miles from our town and sold for \$118 per acre or \$27,840, which was \$18 an acre more than was expected. Respectfully,
Madison, Nebr. O. V. SCHEER.

A SCHOOL OF REAL EXPERIENCE.

COL. W. B. CARPENTER:
Dear Sir: Being a graduate of the Missouri Auction School, the August term, 1910, I feel it my duty as well as a pleasure to tell my experience with the instructors of this school. I found them all to be gentlemen and professionals in this line. I would advise anyone intending to become an auctioneer to take a course in the Missouri Auction school. There is where you will get the real practice in selling all kinds of property from a monkey wrench to pedigreed stock and real estate. Without the instructions received in all kinds of sales, besides the real practice of selling at all kinds of sales, I would never have made an auctioneer if I had lived to be as old as Noah. I consider the instructions received in pedigreed stock worth twice the tuition if I never cried a sale in my life. Wishing the instructors of the M. A. S. the best of success, I am a walking advertisement for this school.
Lake Mills, Ia. H. H. OPPEDAHLE.

HIS TIME ALL TAKEN.

COL. W. B. CARPENTER:
Dear Sir: When I came home from the Missouri Auction school in January, 1908, and hung out my shingle in Madison for work, there were five auctioneers doing business in this town. Today there is only one besides myself. I don't write this to boast myself, but just to show you that a little training like you get at the M. A. S. won't hurt you at all, if you are thinking of taking up auctioneering. I have had very good success. Have made a number of real estate sales. Have one dated now of 240 acres for February 3rd, and several pure-bred sales for January and February. Am dated December 29, 31, January 10, 12, 17, 18, 19, 24, 25, 30 and 31, February 2, 3, 4, 6, 7, 8, 9, 10, 14, 15, 16, 17, 18, 20, 21, 22, 23, 24, 26. So you can see that I am busy the larger part of the time. I hold the record of selling the highest-priced horses in the county this fall. Respectfully,
Madison, Nebr. OTTO SCHEER.

\$30.00 IN ONE HOUR AND THIRTY MINUTES.

COL. W. B. CARPENTER:
Dear Sir: I want to thank you and the rest of the instructors for my success in the auction business. Without the help of the Missouri Auction school I would not have made good. I cried a sale for W. C. Franklin in November. I made the sale in one hour and thirty minutes and received thirty dollars for my work. I have made seventeen sales up to date. I have one competitor, and for some reason I have made every sale that has been made in this part of the country.
Blanchard, Okla. W. W. YODER.

SAYS M. A. S. MADE HIM.

COL. W. B. CARPENTER:
Dear Sir: I was a student and a graduate of the January class of the Missouri Auction School, 1910. I have just finished a very good season with 15 sales to my credit. I consider this good for a beginner. I will say to those who want to become auctioneers that time and money spent at M. A. S. is well spent, under the direction of Col. Carpenter, Col. Cies, Col. Duncan and Rev. Hendrickson. The gentlemen just mentioned in the foregoing, with other men, make the institution second to none. The advantage of the privilege to have actual practice in sale work makes an important point to consider when contemplating qualifying yourself for an auction salesman. But here I want to say that if I had not attended the M. A. S. I would never have been an auctioneer. I considered the matter of another school of auctioneering and also the M. A. S., but I decided the M. A. S. was the school for me. Wishing the school the credit that it deserves, I am Respectfully,
Pemberton, Ohio. F. W. CLARKE.

FIRST SALE \$4321.25.

COL. W. B. CARPENTER:
Dear Sir: As I was thinking of you and the Missouri Auction school in general I will drop you a few lines to let you know I am still on earth. I think I did very well for a new man. I have had 15 farm sales since I came home and all seem to be very well pleased. My first sale was a dandy—all good stuff and sold fine. It amounted to \$4321.25.
Valley Falls, Kans. JOHN B. TRIGGS.

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These men, experts in their respective lines, each a well known, successful auctioneer, give our students personal instruction in the class room, and actual selling experience in the ring. The mere fact that they leave their own work to work in Missouri Auction School is a high compliment to the thoroughness of our course.

Next Term Commences Jan. 6, 1913

Arrange now to enroll in the January, 1913, class. This term is held just at a time most convenient for you—just between seasons. By enrolling in this term you not only get advantage of my special proposition, but you can get in your course at the school, receive your diploma, and get back home before spring work opens up. Remember—The Missouri Auction School is not an experiment. It has been in successful operation for the past seven years and during that time has turned out hundreds of successful auctioneers—many of whom are now making more clear money every year than the average country doctor, lawyer or merchant, yet they have nothing invested but their time. I would like to hear from you personally, and just as soon as I can, as I am now making arrangements for the coming term and as I personally see to the convenience and comfort of my students while in school it is of great assistance to me to know in advance approximately how many students I am to expect. As a special inducement for you to write immediately I will also send you, in addition to my big FREE 96 page illustrated catalogue, any one of these six books on Auctioneering by well known writers: "Burn Your Smoke," "20th Century Auctioneer and His Methods," "Opening Speeches for Public Sales," "What an Auctioneer Should Know," "He Who Sells" and "How to Get Business." Just write me a postal for the Big Free Catalogue and say which one of the six books you want. I will send both free and prepaid. The January, 1913 Term opens January 6. Four weeks of your time will make you a successful, competent auctioneer.

W. B. Carpenter

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Dr. J. E. Cannaday,
1955 Park Square, Sedalia, Mo.

References: Third National Bank, Sedalia, Mo. Could you do a better act than to send this notice to some poor sufferer of Eczema?

Kansas Faces a Hog Famine
Shortage is General All Over Corn Belt

It has been generally known that the supply of hogs on farms in the corn belt is below normal but judging by the special reports from Mail and Breeze crop correspondents this week the supply has almost reached extinction. Ever since the unusually high prices of 1909 and 1910 conditions seem to have combined against the hog raiser and until this fall he has never been able or cared to stock up again to the point where he was before prices soared.

The high market of three years ago cleaned out everything salable and just about the time farmers were restocking to something like the former number, one of the worst cholera outbreaks in Kansas history occurred in the summer of 1911. Many herds were depleted and from many others everything half way marketable was shipped to get it out of the way of the plague. Added to this discouragement was the light corn crop and feed shortage of last year which compelled many hog men to keep only enough porkers in their pens to meet the needs of the family larder.

Cholera is still prevalent in many counties but is not as widespread nor seemingly as severe as last year. In many localities where disease exists, hog raisers are at a loss to know whether or not the trouble is cholera. The Kansas counties that seem to be suffering most from cholera just now are Bourbon, Shawnee, Mitchell, Sumner, Barton, Jewell, Franklin, Cloud, Phillips, Labette and Pratt. There are scattering outbreaks in a number of other counties but losses have been light so far. Vaccination with serum is being pretty generally practiced and no adverse reports from this treatment have been received. L. T. Spellman of Miami county says the loss in vaccinated herds has been about one-third. N. E. Schneider of Phillips county reports many hogs have died after the serum treatment was applied but that where the double vaccination was used before the hogs became sick there were no losses whatever.

Where the right kind of serum is used in time there is no longer doubt about its efficacy. Too many hog raisers wait until the plague has broken out in their herds and then, when vaccination fails, lose faith in serum. The serum will not cure, it only prevents. The time to use it is when the disease gets into the neighborhood and before it strikes your herd. In fact, many breeders do not wait for the cholera to come along before taking this precaution, but vaccinate their pigs as soon as they are of proper age.

With but two or three exceptions, our correspondents say that next spring's pig crop will be far short of normal on account of the scarcity of breeding stock. Fall pigs are not overly plentiful and prospects now indicate a further shortage for next season. Many communities seem to have gone out of swine raising entirely, except for home use. In Rooks county the total hog population is estimated at 5,000, only enough being kept to consume kitchen slops. D. Engelhart of Reno county says farmers who have one or two hogs to kill consider themselves lucky. In Scott county many farms have not a single hog. E. F. Opperman of Woodson county says it is hard to round up a load to ship. In Elk county many upland farmers are keeping but one sow.

Conditions in Oklahoma are practically the same as in Kansas. In both states there seems to be a general desire to get back into the hog raising game on its former basis but progress will be slow at first. All available sows are being bred but they are limited in number and are hard to buy. A good bunch of brood sows is the drawing card at sales this fall. With a good corn crop on hand, the danger from cholera slight, and that danger obviated by the proper use of serum, it seems to be a good time to go in for hog raising again after the ups and downs of the last three years.

KANSAS.

Lincoln County—Fewer hogs on hand than usual. Not many spring pigs looked for. No disease. Price \$7.—C. T. Baker, Nov. 23.

Meade County—Not many hogs raised here but have usual number on hand. A few fat hogs have been shipped. No disease here.—W. A. Harvey, Nov. 22.

Jefferson County—Fattening hogs and fall pigs on hand about normal. Some disease but nothing serious. Price \$7.30 to \$7.45.—Z. G. Jones, Nov. 23.

Allen County—Hog crop about normal and fall pigs about as numerous as former years. No disease reported. Fat hogs \$1 to \$7.20.—Geo. O. Johnson, Nov. 23.

Ford County—Hogs fewer in numbers than for several years. Stock hogs scarce and high. Very little disease. Fat hogs from \$6.50 to \$8.88.—G. D. Noel, November 23.

Lyon County—Fair supply of hogs on hand and don't know of any disease killing them. Not many sows bred for spring crop. Home market \$7.50.—E. R. Griffith, Nov. 23.

Reno County—Hogs are a scarce article for some cause. The farmer will be lucky to have one or two to butcher for himself. Price \$6.75.—D. Engelhart, Nov. 21.

Rooks County—Only enough hogs on hand to use up stop and furnish meat for home use. Number in county estimated at 5,000, the lowest in years. Market \$6.25.—C. O. Thomas, Nov. 23.

Bourbon County—About as many pigs and brood sows on hand as last year. Some disease has broken out near Fort Scott and many hogs dying. Price \$7.—G. A. Van Dyke, Nov. 23.

Chase County—About usual number of hogs on hand. Indications are that there will be a normal supply to market next season. Losses from disease small.—W. J. Dougherty, Nov. 23.

Trego County—About 60 per cent normal supply of hogs on hand. This is not much of hog country but a lot of corn is selling at 35 cents. No disease reported. Price \$7.—E. L. Dean, Nov. 23.

Wyandotte County—Young hogs more plentiful than last year at this time. Scarcely any ever a year old. Some cholera in spots. Average price \$7.70.—G. F. Espenlaub, Nov. 23.

Ford County—Number of hogs in county somewhat below normal. Pig crop next spring will be short too. Not very many brood sows. No disease in county. Price \$7.—John Zurbuchen, Nov. 23.

Wilson County—About 15 per cent decrease from usual number of hogs. No loss by disease in this neighborhood but other localities report losses. Shippers paying \$7.25 on track.—S. Canty, Nov. 23.

Shawnee County—Fewer hogs than usual. Losses from disease large this fall. Disease does not act like cholera and has been with us two years. Price about \$7.50.—J. P. Ross, Nov. 23.

Smith County—Hogs are scarce. About 40 per cent of usual number on hand. Pig crop very light. No disease to speak of. Fat hogs \$7. Stock hogs scarce and hard to buy.—A. J. Hammond, Nov. 23.

Barton County—Hogs very scarce. Nearly all surplus sold fall of 1911. Pig crop this fall very small and no large crop looked for next spring as there is a shortage of brood sows. No disease.—O. M. Lewis, Nov. 23.

Geary County—About normal supply of hogs on hand with indications of an in-

crease in spring pigs over last year. Some cholera but no serious losses. Fat hogs \$7, stock hogs around \$10.—F. D. Olds, Nov. 23.

Cherokee County—Not as many hogs on farms as usual and present prospects do not indicate a large supply for market next season. Only about enough on hand for home use. No disease reported.—J. W. Harden, Nov. 23.

Jackson County—Number of hogs on hand below average. About usual number of sows will be bred. Farmers have lost a good many by cholera. Not much disease now. Fat hogs \$7.40.—F. O. Grubbs, Nov. 23.

Leavenworth County—About 60 per cent of usual number of hogs on hand. A large per cent of these are shoats and hogs ready for market soon. Pig crop light and spring crop expected to be short too. No disease in our county.—G. S. Marshall, Nov. 23.

Kiowa County—Only about 75 per cent usual number of hogs in county. Prospect for hogs the coming season is not encouraging. Some hog cholera in north part of county but losses have been light.—Hogs worth \$7.—H. E. Stuart, Nov. 23.

Harvey County—About usual number of hogs on hand. Normal crop of fall pigs and an average spring crop in prospect. No serious disease outbreaks but some few cholera cases reported. Prices \$7 to \$7.15.—H. W. Prouty, Nov. 23.

Sheridan County—Hogs scarce in this county on account of light corn crops last year and this. About 80 per cent of stock (Continued on Page 31.)

Gasoline Engines The highest grade, at the lowest cost. Tell us what size engine you want to buy, and let us quote you our best price. Engines from 1 up to 600 horse-power. **The A. M. Castle Engineering Co., La. Crosse, Wis.**

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20 DAYS FREE TRIAL

MARKET PROBABILITIES

[Written Specially for the Farmers Mail and Breeze.]

Lighter receipts of cattle at Western markets than a week ago gave prices a 10 cent boost the first of the week. The trading was active. No prime steers arrived at any of the markets and ruling top prices were \$9.50 to \$10.25.

Chicago last week proved a drawback to other western markets, and the general movement in prices was downward in Chicago and St. Louis, and firm prices at Missouri river markets. Chicago was embarrassed by a lot of stuff that came in the near beef class, and at the same time lacked quality and was not inviting to country buyers. Though 70,000 cattle were received there, and the bulk of them went to killers, the yield of beef was comparatively small, and declines were quoted to meet the yield of beef. At Missouri river markets grassers were offered less freely, and there was not a corresponding increase in short fed cattle, consequently buyers were kept busy filling orders. With the grass season practically closed, and short fed beefs the prevailing type buyers are ransacking the country to get killing quality. A total of about 190,000 cattle at western markets does not indicate the real supply, for many of the half fat steers went back to the country, and speculative demand kept consignments going from one market to another, and there was considerable duplication in the count. Thursday all the livestock markets in the country will be closed to all business except feeding and watering stock. The Thanksgiving holiday will not cut much figure with receipts, but next week's supply is expected to be light because it is a time when little marketing is done. Beginning the week of December 1, and for the 15 days following there will be a few droves of prime beefs available, and the top on the open market is expected to go above 11. After that there will be neither occasion or supply of that kind in the trade. Winter feeding is not one of long process, and much less this year, because cattle came off the grass in excellent shape and that together with the excellent quality of the grain available should make this fattening process fall within the 60 to 90 day limit. A series of good markets is expected for the next 20 days.

Butcher Cattle Still Scarce.

Buyers continue to rush the trade in cows and heifers. Wednesday they attempted to lower prices, but before the day was over they were paying higher than the preceding day. The high prices prevailing are responsible for receipts being as large as they are, but they are far short of requirements. All the old skins and hats in the country are going into the market canneries, and demand is still unsatisfied. This is clearing the country of much undesirable stock at stiff prices, and means improved quality in later production. Some fed cows are selling at \$7 to \$7.50, and heifers at \$7.50 to \$8.50. That class will be offered more freely in the next few weeks, though will continue short of former years. Veal calves fell back 25 to 50 cents and bulls remained in active demand.

Speculative Tendency in Cattle.

Last week eastern buyers were hot after the half fat steers with quality that could be put in fairly good finish in short notice. This demand was more apparent in Kansas City than elsewhere, and there a good many bunches averaging 1,100 to 1,325 pounds sold at \$7.75 to \$8.25. Considering the season such prices are not high. For the lighter weight cattle there is an active demand, and a good many are going to be held through the winter and grazed later. This supply is large and will cut some figure in off-setting estimates of large supplies of winter beef.

Hogs Touch \$8, and Fall Back.

Eight cents for hogs in Chicago last week was again the magic point at which packers balked. However, they did not break prices with the ease of former weeks, and it is quite evident that before long the market will pass the 8 cent level. Wednesday was the high day of the week and Thursday the market fell back moderately, and weakened further Friday. Saturday prices were about the same as at the close of the preceding week. River markets are holding close to Chicago, and the spread in prices is the narrowest for some time past. Packers apparently need the offerings. And while last week's receipts were the largest for some time past they were short of a year ago. The offerings are showing increased weight and will continue to do so as the season advances. February will probably uncover a supply of old time fat backs, or the 350 to 400 pound class. Heavy hogs now command a premium over other weights, and will continue to do so until the spring demand for fresh pork sets in.

Better Inquiry for Mules.

In the preceding two weeks demand for mules was indifferent but last week the trading was active, and prices stronger. Horses continued to sell at steady prices. The entire market was active for this season of the year, mainly because all lines of work are still open due to the fine weather. Dealers say that in the next two weeks both the supply and de-

mand will decrease influenced by the approach of the holiday season.

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	57,550	71,075	86,050
Chicago	70,700	165,000	169,000
Omaha	24,800	57,800	64,000
St. Louis	31,500	53,300	15,700
St. Joseph	10,100	41,500	12,300

Total	194,650	388,675	297,050
Preceding week	180,400	326,250	337,500
Year ago	165,800	434,900	238,300

The following table shows receipts of cattle, hogs and sheep at the five western markets Monday, Nov. 25, with comparison in totals the preceding Monday and a year ago.

	Cattle	Hogs	Sheep
Kansas City	17,000	10,000	8,000
Chicago	20,000	42,000	52,000
Omaha	5,200	8,100	19,000
St. Louis	9,500	11,000	3,000
St. Joseph	2,400	5,900	2,000

Total	54,100	76,100	84,000
Preceding week	67,200	77,800	88,700
Year ago	51,200	86,900	49,500

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..	\$10.75 \$9.00	\$7.90 \$6.50	\$5.80 \$4.50
Kan. City	10.85 8.75	7.80 6.45	6.00 4.50

Increase in Commission Rate.

At a meeting last week the Kansas City livestock exchange increased the commission charges on all livestock receipts, the new charges to take effect immediately. The reason for the advance, offered by the commission men, is that they are simply coming up to the charges of other stock markets which have raised rates the last six months. The uniform increase in size of cars is also given as a reason. The main increases are 10 cents per head on cattle, 5 cents a head on hogs, and 5 cents a head on sheep.

Corn and Wheat Prices Lower.

Both corn and wheat touched the low price level of the season last week, but rallied moderately before the close. Futures were also lower. The liberal offerings of new corn, and the excellent start fall sown wheat has made were the depressing influences in the market. New corn is selling at 42 to 46 cents a bushel. Oats were fractionally higher. Hay prices were weak. No. 2 and lower grades of prairie hay declined 50 cents a ton, and while other quotations were unchanged, there was a large supply unsold at the close of the week.

Kansas City Hay Quotations.

Prairie, choice, new.....	\$12.50 @ 13.00
Prairie, No. 1.....	10.50 @ 12.00
Timothy, No. 1.....	12.00 @ 13.00
Clover mixed, choice.....	12.50 @ 13.00
Clover mixed, No. 1.....	11.00 @ 12.00
Clover, No. 1.....	9.50 @ 10.50
Alfalfa, choice.....	16.00 @ 16.50
Alfalfa, No. 1.....	14.50 @ 15.50
Straw.....	5.25 @ 5.50
Packing hay.....	5.50 @ 6.00

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

	Kansas City	St. Louis
Wheat—		
Hard No. 2.....	\$.83 @ .86 1/2	\$.85 1/2 @ .90
Soft No. 2.....	\$.97 @ 1.00	1.00 1/2 @ 1.03 1/2
Corn—		
White No. 2.....	.45 @ .46	.46 @ .47 1/2
Mixed corn ..	.43 1/2 @ .44	.46 @ .46 1/2
Oats—		
No. 2 white....	.33 @ .33 1/2	.33 1/2 @ .34
No. 2 mixed....	.32 1/2 @ .32 1/2	.32 1/2 @ .33

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

	Wheat	Corn	Oats
Chicago....	1.06 \$1.08	58 1/2 74	35 49 1/2
Kan. City..	1.01 1.06	47 72 1/2	34 50 1/2

Seeds.

Kafir corn, No. 2 white, 76c a cwt.; No. 3 white, 76c a cwt.; alfalfa, \$9@12 a cwt.; flaxseed, \$1.10 a bushel; timothy, \$1.50@1.75 a bushel; cane seed 90c@1.00; millet seed 95c@1.15.

Broom Corn Moves Slowly.

The scarcity of freight cars is the cause of considerable delay in moving this year's crop of broom corn, but another factor has been the inability of buyers and sellers to agree on prices. Growers are asking higher prices, and buyers say the big crop justifies lower prices. Most of the corn reported sold was at \$40 to \$80 a ton. Some choice brush brought as high as \$100 a ton. Prevailing quotations are choice, green, selfworking \$90 to \$100 a ton; fair to good, selfworking \$55 to \$85 a ton; common to fair, selfworking, \$30 to \$50 a ton.

Butter, Eggs and Poultry.

Elgin, Nov. 25.—Butter this week is firm at 34 cents.
Kansas City, Nov. 25.—Prices this week on produce are:

Eggs—Firsts, new white wood cases included, 28 1/2 @ 29c a doz.; seconds, 26c.
Butter—Creamery, extras, 35 @ 33 1/2 c a lb.; firsts, 30 1/2 @ 31c; seconds, 28 1/2 @ 29c; packing stock, 23c.
Live Poultry—Broilers, 15c a lb.; spring chickens, 10 @ 10 1/2 c; hens, 9 @ 9 1/2 c; young roosters, 9c; old roosters, 8c; young turkeys, No. 1, 15 1/2 @ 16c; turkey hens, 15 1/2 @ 16c; old toms, 14c; cull turkeys, 10c; ducks, 12c; geese, 9 @ 10c; pigeons, 75c a dozen.

State Good Roads Meeting

Kansas good roads boosters will gather at Independence next week, December 3-5, for their annual convention. The best good roads talent in the country has been secured to address the gathering. Among the speakers will be Logan Waller Page, director of the bureau of public roads, Washington, D. C.; R. H. Higgins, president of the Colorado Good Roads association, Samuel H. Lea, state highway engineer of South Dakota; Jesse Taylor, Jamestown, O.; W. S. Gearhart, highway engineer of Kansas; Governor Stubbs, J. K. Codding, warden of the Kansas penitentiary, and T. J. Tynan warden of the Colorado penitentiary.

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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.

Ever embroider a towel for a Christmas present? Everybody's doing it, these days.

Nothing is nicer or more wholesome in cool weather than cornbread. We ought to have it often on our tables.

Now that Thanksgiving is over we can give our undivided attention to Christmas presents for the next four weeks.

The most beautiful chair is not always the most comfortable. Try sitting down in it before you buy. And whatever you do, don't buy a wooden chair with knobs on the back.

Potatoes boiled in their jackets are delicious—if you know how. Peel a strip around the potato lengthways and keep the water boiling, and they will come out white and mealy.

When people offer their help in time of sickness they usually have a vision of themselves measuring out medicine and sitting up nights, and they feel very self sacrificing and good; but usually the thing that would be the greatest help is the homely task of washing the dishes, peeling potatoes and sweeping the floor.

We are responsible for the use of every particle of power latent within us. But what if we are tied up by nerves, too worn out even to think of anything but the absolutely necessary things? The first thing is to get all the rest possible for a while; the next is to get a good tonic and take it. The next is a cheerful determination to pretend. And after that, every woman has to find the way for herself.

If You Make Pumpkin Pies.

When you have pumpkin to cook, slice it and peel as usual, and then run the slices through the meat grinder. The ground pumpkin will cook much more quickly and evenly and will not need to be put through a sieve unless it is desired to have it very smooth.

Mrs. L. B. Greenfield.
Tonkawa, Okla.

Tamale Pie.

Take lean beef and fat in the proportions of 2 parts of lean to 1 part fat, and boil until tender. Grind in food chopper, season to taste with salt, pepper, and any spices preferred. Skim off a small portion of the grease on the liquor in which the meat was boiled and soften the ground meat with the remaining liquor. Prepare a mush of cornmeal

and cold water and cook on the stove for 20 minutes, stirring all the while. When done place alternate layers of the meat and mush in a baking pan to the thickness of four layers, pour over this sufficient hot water to cover and bake slowly in the oven for half an hour. When done you will have a dish of delicious tamales without being bothered with the husks in which they are commonly wrapped.

Mrs. E. B. Cline.

R. 3, Duncan, Okla.

The Handy Sack Needle.

[Prize Letter.]

I would like to call the attention of *Mail and Breeze* readers to some of the uses, to which common sack needles may be put. They are useful not only in the kitchen but all over the house.

I use an assortment of sizes for such things as picking nuts, running beading, tapes, etc., mending sacks, sewing carpets, I always keep one handy in the machine drawer for working heavy pieces through the machine. For the small cost—three needles of assorted sizes cost 5 cents—there is nothing much handier or so seldom used.

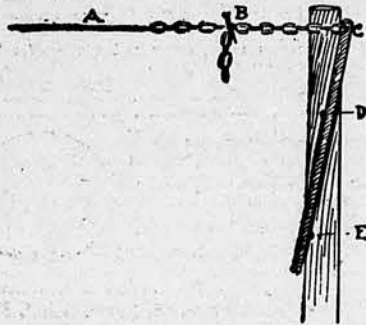
Mrs. M. K. Boody.

R. 1, Arlington, Kan.

Keeps the Clothesline Tight.

[Prize Letter.]

Mr. Editor—A clothesline is easily kept tight by means of a lever and a couple short lengths of chain. Fasten



THIS DOES THE BUSINESS.

Explanation: A, clothesline. B, pin through chains. C, hole in top of lever where chain fastens. D, E, bolts driven firmly into post.

an end of one of the chains to the clothesline and an end of the other chain to stout lever and fasten the two chains together with an iron pin run through the links. Bore two holes in the post and in them run stout iron pins, one on either side of lever, thus holding it firm.

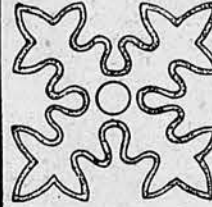
Railroad spikes are good. If the line becomes slack take the lever off from post, remove pin B, take up a link or two of chain and put back, and the line will be tight.
R. M. Wood.
Barton county, Missouri.

A Place for the Old Blankets.

Take two blankets and cut and sew up one so the least worn parts will come over the thinnest places on the other. Then cover with mercerized cotton or silkoline and tie. Or if the seams are not bulky it can be quilted on the machine. This makes a light but warm comforter.—Mrs. H. Perkins, St. Clair, Mich.

The Albion Quilt Block.

A very pretty quilt, called the Albion, is illustrated here. It is made of one color and white, the colored portion with the wavy edge shown in the picture being whipped onto a white square. A circle is cut out from the center of the colored part, which allows the white to show through. The block is easily cut. Make a pattern for just one of the points. Take a square of the colored cloth and fold once, then fold again, making a smaller square four double, lay the pattern on this and cut the whole block at once. The white square must be a seam larger than the colored. When the colored portion is of blue, red or orange it makes a beautiful quilt.
Mrs. Julia F. Rice.
Lyndon, Kan.



Poultry Keeping Profitable.

I have read several letters in the *Mail and Breeze* about how women can make pin money, but I don't think there is anything that will pay a woman like chickens; and there isn't much work attached to them either. One hour a week will keep their house clean, and that is the main thing, and after a woman has worked in the house all day, it is a rest to be with her chickens. Every time I go to town I take all the way from 50 cents' to \$5 worth of eggs, and when I see anything special I want I sell a bunch of chickens and get it. When you raise sheep or hogs you have pin money once a year, but when you raise chickens it's pin money all the year, and John doesn't have to deliver the goods for you, either. There is nothing prettier than a bunch of chickens, and no work healthier than caring for them.
Mrs. W. H. Davis.
R. 2, Caldwell, Kan.

Saving the Children From Croup.

[Prize Letter.]

As the winter approaches mothers of small children are in constant fear of croup, pneumonia, and all the other diseases that are prevalent during the winter months. If children are properly dressed with heavy shoes and stockings and good underwear, and if their sleeping rooms are well ventilated they will not be troubled much with colds. I bundle up my little girls every day that the weather will permit and send them out for a walk. They come back with rosy cheeks and sparkling eyes, and lungs full of good fresh air. I have noticed that the people who have so much trouble with colds are the ones who shut all the windows to the sleeping rooms and stop up every crack to keep out the cold air. The windows and doors should be opened every morning and all the rooms given a good airing out.

But even though we take all precautions our children sometimes get colds, and croup, and pneumonia. My remedy for croup is the cold compress, that is, a cloth dipped in cold water wrung out and put around the throat, and dry flannel put around the outside. This has never failed me yet. For other colds I find onion sirup a good remedy with very small children, with lard and turpentine rubbed on the chest and the soles of the feet.

Mrs. A. H. Stewart.
Burlington, Kan.

You can more than pay your hired man's salary by selling your empty bags to Fredonia Linseed Oil Works, Fredonia, Kansas.—Advt.

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OUR OFFER: Send 25 cents for one year's subscription to my popular *Fancy Work, Home and Story Magazine*, the *Household*, enclose 5 cents extra to pay mailing expense, etc. (30 cents in all) and for your trouble I will mail you, **FREE AND POSTPAID**, this fine, all-metal Children's Stereoscope and 50 VIEWS, your choice of either set. Be sure to say which set you want. If you will send me 50 cents for a three years' subscription I will send you the Stereoscope and **BOTH SETS OF 50 VIEWS**, the 50 Animal Views and the 50 Happy Childhood Scenes, 100 views in all. If you prefer, you may secure us two subscribers for one year at 25 cents each (50 cents in all) and I will send you the Stereoscope and the 100 Views. Your own subscription can count as one in the club. Don't delay, send at once. Address, **HOUSEHOLD MAGAZINE**, Dept. S V-13, Topeka, Kansas

FREE TO OUR READERS!

Twenty of the Most Beautiful Christmas and New Year Post Cards

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

words of good cheer, all lithographed in exquisite colors on the finest cardboard with designs and flowers heavily embossed and finished with magnificent gold, silver and holly borders and backgrounds.

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.**

HOME DRESSMAKING

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



- 6000—Boys' Russian Dress, sizes 1, 2, 3 yrs.
- 5889—Ladies' Kimono, sizes 32, 36, 40, 44 inches bust measure.
- 5990—Combination Sewing Apron and Work Bag, one size.
- 6008—Girls' Dress, sizes 6, 8, 10, 12 yrs.
- 5429—Shirtwaist, 7 sizes, 32 to 44 bust.
- 5601—Eight-Gore Skirt, 5 sizes, 22 to 30 waist.
- 5999—Combination Corset Cover and Open Petticoat Drawers, 6 sizes, 32 to 42 bust.
- 5687—Dolls' Set, consisting of coat, dress, gumpie, and petticoat, 7 sizes, for dolls 14 to 26 inches long.
- 5995—Shirtwaist, 6 sizes, 32 to 42 bust.
- 5524—Boys' Coat, sizes 2, 4, and 6 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.

A New Plan for a Rug.

Not long ago I saw the prettiest made rug I had ever seen, and it was made in a way entirely new to me. For the foundation a strip of burlap a yard wide and two yards long had been used. A simple conventional design was drawn on this with a soft pencil, then a very coarse needle was threaded with new cotton rags cut quite narrow, less than half an inch, and the entire design was outlined in stem stitch. Then rows of stem stitch were worked closely together across the width of the burlap. When this was done the design was filled in with the same stitch. The burlap used was green,

and the rags were in three shades of the same color. A rug of this kind is simple and easy to make, and does not resemble ordinary homemade rugs. Clara Ruch, University Place, Neb.

If a Quilt Is Too Small.

At one time it was my good fortune to be the recipient of several quilts beautifully made, all of wool pieces but all of them too short and too narrow for real comfort. Hence I devised a scheme for enlarging them. Choosing harmonizing colors I put a border on each one. On one the border consists of a 6-inch strip of wine colored goods with a 3-inch strip of gray on either side. Another is made by sewing 2-inch strips of silk or velvet side by side until the whole is the length of the side or end of quilt. This method uses odds and ends of good ribbons and scraps, and is prettier than it sounds. Although it required some little work it was better than shivering backs and cold toes. E. B. R. Oklahoma.

How to Wash a Bearskin Coat.

Make a lukewarm suds and wash the coat. Rinse in warm water, never cold. When it is almost dry bring it in, take a hot iron and press it in the new feather-stripped effect by pressing down the full length of coat from neck to hem without raising the iron, then pressing the next strip up from bottom to top. It is hard to keep your iron going straight toward the collar, but by being careful it can be done, and it looks nice when finished.

Mrs. Elmore Lounsbury.

Sedan, Kan.

Stretching the Shrunken Underwear.

Now that winter is coming on I want to tell the Women Folks who find their wool underwear seems to have grown too small since last winter how I once managed. Cut through the garment under each arm, the full length from lower edge to wrist, and insert a strip of outing flannel 1 1/2 or 2 inches wide. Union suits may be enlarged in the same way, by cutting from ankle to wrist.

Mrs. A. V. M.

R. 2, Goddard, Kan.

The Useful Cotton Blanket.

Cotton blankets have many uses. They are much heavier than outing flannel as well as cheaper and warmer for making the children's underwear. They can be used for petticoats, and make nice night gowns, even for mothers. They are so warm, if she is up at night with little ones. By putting cotton between and tacking, they make nice comforts. They can be bought for 50 cents at sales, sometimes less.

Mrs. J. L. Vanhole.

R. 6, Topeka, Kan.

Help in Your Dressmaking

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

Emery, Bird, Thayer Company
 Kansas City, Mo.



Think of it! There are only three weeks to Christmas—this is the Southwest's greatest Christmas store. We have gathered here for the Christmas season a wonderful assortment of **Christmas Goods**

Including thousands of novelties in Fancy Goods, foreign and domestic novelties in Jewelry, Silverware, Stationery, Toilet Goods, Leather Goods, Books and Toys. Complete stocks of fine Furs, Christmas Slippers, Furniture, Chinaware, Cut Glass, Artwares, Pictures, Gloves, Handkerchiefs and other things. An early selection means a better choice and if desired we will hold goods purchased now, until wanted. Come to Kansas City to do your Christmas shopping. If you cannot come, please write, giving full descriptions of articles wanted and price you wish to pay.

Address Dept. "B. T."



ALL THE NEW SONGS AND MUSIC 10c

- Oh You Kid - Baby Doll
- My Pony Boy
- Breathing Somewhere
- Rainbow
- Red Wing
- Navajo
- School Days
- Ida Ho
- Cassy Jones
- Mandy Lee
- San Antonio
- Silver Ball
- Any Rags
- Teasing
- Blue Bell
- Little Tattle Tale
- Sweetheart Days
- Somewhere
- When I Marry You
- With I Had a Girl
- In the Sweet Bye-and-Bye
- Shine on Harvest Moon
- Can't You See I'm Lonely
- If I Only Had the Nerve
- Would You Care
- You're a Grand Old Flag
- Always in the Way
- Fride of the Prairie
- In Dear Old Fairy Land
- Down On the Farm
- Why Don't You Try
- Honey Buckle Tine
- Blue Bell
- He's a Cousin of Mine
- Yankee Doodle Boy
- Not Because Your Hair is Curly
- Give Me a Regards to Broadway
- My Wife's Gone to the Country
- Waits Me Around Again
- Roses Bring Dreams of You
- Take Me Out to the Ball Game
- O'Brien Has No Place to Go
- Good Bye, My Lady Love
- By the Light of the Silvery Moon
- Put On Your Old Gray Bonnet
- Next to Your Mother Who Do You
- That's How I Love You
- I've Got Rings on My Fingers
- How Do You Do Miss Josephine
- I Wonder Who's Kissing Her Now
- Just Because I Loved You So
- I'm Tying the Leaves So They Won't Come Down
- I'd Rather Two-Step Than Walk, But I Don't Know Where I Am Going
- I'm On My Way
- Come Along, Little Girl, Come Along
- Call Me Up Some Rainy Afternoon
- Any Little Girl That's a Nice Little Girl is the Eight Little Girl for Me
- Will You Love Me in December as You Do in May
- Least Way Round is the Sweetest
- Just a Glean of Heaven in Her Eyes
- Wait Till the Sun Shines Nellie
- Has Anybody Here Seen Kelly
- Won't You Come Over to My House
- Won't You Be My Love

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A Beautiful Premium. To every Boy and Girl who will send us their name and address. The Star Premium Co., Box 36, Dept. 21, Clifton Forge, Va.

25 beautiful Gold embossed Xmas and New Year cards only 10 cents. Write for catalogues. Gorman Am. Post Card Co., Dept. 96, Burlington, Iowa.

WONDERFUL! Greatest Sewing Machine Offer!!

Warranted 10 Years!

We want to tell you about our offer which makes it possible for every woman reader of our paper to secure one of these magnificent \$40 "Gold Medal" Sewing Machines without cost—and without any canvassing or soliciting or public work of any kind. It is the most liberal, most attractive, most astonishing offer ever made. This beautiful Sewing Machine may be yours at once. We have one of the most unique and original plans by which it is possible for you to secure most for nothing. Of course we expect something from you in return for the machine—but we do not ask you to go out and "peddle" anything, nor do any sort of disagreeable work in order to get it.

Will You Send 10 Names of Friends to GET THIS "Gold Medal" Sewing Machine FREE

Don't send the names until you get the free instructions about our Club Plan. We have placed more than a thousand Gold Medal machines in the homes of our readers on our easy-payment, no-money-down Club Plan. In order to increase the membership of our club to 2,000 immediately we are making a special proposition to first members in certain localities which makes it possible to secure a Gold Medal Sewing Machine absolutely free. The Gold Medal is constructed throughout of best grade materials and is fully warranted for 10 years. The Gold Medal is worth \$40, but we sell it for just about half this price on payments amounting to only a few cents each week—and on our new Club Plan first members have a chance to secure the Gold Medal Sewing Machine absolutely free. Send your name and address today for large illustration and complete description of the machine and our liberal first member Club plan. Address:

MAIL AND BREEZE SEWING MACHINE CLUB, 801 Jackson St. Topeka, Kan.

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

- A. E. Hunter, Kansas and Oklahoma, 410 East Williams street, Wichita, Kan.
- J. W. Johnson, 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.
- Grant Gaines, Iowa, 334 Chamber of Commerce Bldg., Omaha, Neb.
- G. E. Hall, Nebraska, 334 Chamber of Commerce Bldg., Omaha, Neb.
- H. W. Graham, Iowa and Illinois, Chillicothe, Mo.
- E. R. Dorsey, Girard, Kan.

PUREBRED STOCK SALES.

Claim dates for public sales will be published free when such sales are to be advertised in the Farmers Mail and Breeze. Otherwise they will be charged for at regular rates.

Combination Sale.

Feb. 12-13-14—L. E. Woodson, Mgr., Caldwell, Kan.

Percheron Horses.

- Dec. 17—Lee Brothers, Harveyville, Mass. at Manhattan, Kans.
- Dec. 19—J. C. Robison, Towanda, Kan.

Poland China Hogs.

- Dec. 11—H. C. Graner, Lancaster, Kan.
- Dec. 20—Miller and Manderscheid, St. John, Kan.
- Jan. 17—S. A. Roberts, Knoxville, Ia.
- Jan. 20—Roy Johnston, South Mound, Kan.
- Jan. 30—C. W. Jones, Solomon, Kan.
- Feb. 5—J. L. Griffiths, Riley, Kan.
- Feb. 6—H. Fesenmeyer, Clarinda, Ia.
- Feb. 7—Olivier & Sons, Danville, Kan.
- Feb. 7—J. O. James, Braddyville, Ia.
- Feb. 7—Peter Ellersbrook & Sons, Sheldon, Ia.
- Feb. 15—L. E. Holmes, Bloomington, Neb.
- 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. Branck, Hiawatha, Kan.
- Feb. 22—C. C. Ingram, Bloomington, Neb.
- Feb. 26—J. W. Pfander & Sons, Clarinda, Ia.
- Feb. 26—L. R. McClarnon, Braddyville, Ia.

Duroc-Jersey Hogs.

- Jan. 8—Munsell & Isenberg, Herington, Kan.
- Jan. 15—H. B. Miner, Guide Rock, Neb.
- Jan. 16—F. C. Crocker, Filley, Neb.
- Jan. 22—Thompson Bros., Garrison, Kan.
- Jan. 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 Ebon, 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. 6—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. 20—Geo. W. Schwab, Clay Center, Neb.
- Feb. 20—Rinehart & Son, Smith Center, 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.

Shorthorns.

- Dec. 3—D. E. Reber, Morrill, Kan.

Holsteins.

- Feb. 4—Rock Brook Farm, Omaha, Neb.

Herefords.

- Dec. 5—R. F. Plummer, Wellington, Kan.
- Feb. 26—Warren T. McCray, Kentland, Ind.

Jersey Cattle.

- Dec. 12—J. U. Howe, Wichita, Kan.

Kansas and Oklahoma.

BY A. B. HUNTER.

L. R. Wiley's Percherons.

If you have not done so just send word to L. R. Wiley, Emporia, Kan., when you will be at Emporia to look over his stallions. His barns are right at the edge of town and Emporia is easy of access. You will not only be met at the train and royally entertained but will see a splendid lot of Percheron and Belgian stallions. When writing please mention Farmers Mail and Breeze.

Hereford Cattle Sale.

R. F. Plummer, Wellington, Kan., will sell 25 cows and heifers and six young bulls, Thursday, December 5th. All the cows are regular breeders and either have calves at foot or are bred. All are registered and are strong in the blood of Beau Brummel and Anxiety 4th. Mr. Plummer has sold his farm and this is a dispersion sale. Every hoof sells, regardless of price. Included in this sale will be a lot of work horses and farm implements.

Hazelwood Berkshires.

W. O. Hazelwood, Route No. 8, Wichita, Kansas, is making prices on spring boars ready for service and gilts bred or open. They are by such sires as Lee Crusader, by Big Crusader and Lord Masterpiece 2nd and

out of sows sired by Kansas Longfellow, Stewart Duke, Master Hasie, Danesfield of Walton and Lord Duke 3rd. These boars and gilts are good enough to please having plenty of size and quality and fashionable breeding. Wichita has numerous railroads and excellent shipping facilities. Write today describing your wants. Please mention Farmers Mail and Breeze.

Lookabaugh's Winning.

H. C. Lookabaugh of Watonga, Okla., won at the Topeka State Fair this year: 1st on produce of cow, 2nd on aged cow, 3rd on 2-year-old heifer, 3rd on junior yearling bull, senior bull calf and get of sire and 4th on junior bull calf, junior heifer calf and senior yearling heifer. Nine times inside of the money in hot competition at a fair like Topeka held this year is a fine showing and is something that no other herd from Oklahoma has ever done. If you want anything in the line of Shorthorn breeding cattle get in touch with Mr. Lookabaugh who will make you prices on what you want.

Robison's Percheron Sale.

The Whitewater Falls Stock Farm, Towanda, Kansas, Robison Percherons and World's Fair Champion, CASINO, are all brought to mind whenever Percheron horses are mentioned anywhere in the Southwest. Mr. Robison has earned the reputation of one of the leading breeders of Percherons in the entire country and when Thursday, December 19th, arrives those who are at his 15th Annual sale which will be held in the great sale pavilion on the Whitewater Falls Stock Farm, near Towanda, Kansas, will see one of the greatest offerings ever run through a sale ring; consisting of 25 head of home bred and 25 head from France. If you are expecting to attend or have a friend that does, send early for a catalog, it will interest you. Please mention Farmers Mail and Breeze.

Duroc Hog and Jersey Cattle Sale.

J. U. Howe, Wichita, Kansas, will sell Thursday, December 12th, 40 head of pure bred Duroc hogs and 11 head of Jersey cattle. The 40 head of hogs will consist of both the farmers' and breeders' kind. There will be 20 spring gilts, many of them good enough to mate with the best of sires and produce show material, and some of them are good enough to fit for next season's shows. 11 young boars, some of them good enough to head good herds. Mr. Howe has one of the good herds of Southern Kansas and is putting in the very tops of his herd including nine of his best herd sows bred to Gold Standard, by Gold Cloud, an Illinois State Fair Champion. This offering of spring boars and gilts is good and the gilts nearly all of them are just the kind that breeders with extra good herd boars should buy and part will be sold open. About half of the gilts will be bred. If you want Jersey milk cows, pure bred but non-registered cows, that will be fresh this winter or Duroc breeding stock good enough for any breeder and the kind every farmer should have, write today for a catalog mentioning this paper.

Kansas and Nebraska.

BY J. W. JOHNSON.

A. T. Cross, Guide Rock, Neb., is offering Duroc-Jersey boars, sired by Prince Wonder 2nd and Col. C. Write him for prices and descriptions.

T. P. Teagarden, Wayne, Kan., is offering choice March and April Duroc-Jersey boars and gilts for sale. He can ship on either the Burlington, Rock Island, Union Pacific or Missouri Pacific.

W. E. Monasmith, Formoso, Kan., is breeding a choice lot of sows for his bred sow sale January 29. He will sell about 45 head and it will be one of the strongest offerings ever made in that section of the country.

P. C. Garrett & Son, Bloomington, Neb., will hold their Duroc-Jersey bred sow sale February 8. They are making some changes and are advertising an unusually fine lot of fall pigs by good sires and out of their best herd sows for immediate sale at low prices.

C. C. Ingram, Bloomington, Neb., is offering Poland China boars of March and April farrow for sale, sired by Nebraska Chief and Fan Wonder, two of the good big type boars of Southern Nebraska. He will sell bred sows at that place February 22. Write him about a boar.

Phillip Albrecht, Smith Center, Kan., is advertising 30 March and April Duroc-Jersey boars for sale. The writer saw these boars not long ago and there is some real herd header material to be found there. If you need a big, strong, early spring boar with popular blood lines back of him write to Mr. Albrecht, Smith Center.

Leon Carter, Asherville, Kan., will sell Duroc-Jersey bred sows at that place January 30. Dreamland Col. by Waveland Col. is one of the great herd boars of the west. He is a wonderful individual and is proving equally as popular as a sire. Mr. Carter will put up an unusually strong offering of bred sows on that date.

Lambert Bros., Smith Center, Kan., are offering choice Poland China boars and gilts of early spring farrow. The Lamberts are showmen that get away with considerable of the prize money at the leading shows every season. They were at Topeka this season. They have some fine boars to sell and also some gilts of the same age. Write them for prices.

Duroc-Jersey Dispersion.

In this issue will be found the advertisement of L. B. Kirk, Manhattan, Kan., in which he is advertising the dispersion of his herd of Duroc-Jerseys. He has but recently decided to make this sale and this

advertisement will appear but once. In fact the sale is next Tuesday. There will be 93 head go in the sale. Papers will be furnished for everything. By looking up the advertisement you will see that it is going to be a great place for the farmer or breeder who is intending to stock up this winter. Nothing will be reserved. Any breeder who is going to hold a sale and

PUREBRED HORSES.

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

Jacks and Jennets

One of the largest selections of large Black Mammoth Jacks in the West, 15 to 16 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.

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; 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.

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.

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. O. BERGNER & SONS, "Waldeck Ranch," Pratt, Kan.

Evergreen Crest Galloways

Herd Established Over 25 Years
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.

Dispersion Sale of the R. F. Plummer Herd of Hereford Cattle

All registered animals, commencing at 10 o'clock a. m. at the farm, 2 miles north and 2 west of Wellington, Kan., on

Thursday, December 5, 1912

Twenty-five cows and heifers, cows from 3 to 8 years old. Six bulls, ranging from 6 to 18 months; two are Polled Herefords. The offering is sired by such herd bulls as Quincy No. 207065, out of the famous Robert H. Hazlett herd of Eldorado, Kan. Also Winsor No. 331528 and Polled King 3rd No. 251120. Will meet buyers at Antlers Hotel. Catalogues on application.

R. F. PLUMMER, Owner
LAFE BURGER, Auctioneer.

Holstein Cattle at Auction

At Farm, 7 Miles East of Lincoln, Nebr., December 17, 1912.

60 Head 30 Head Registered 60 Head Balance High Grades

This offering will consist of 10 bulls of serviceable age and 50 head of females. All the females of breeding age will either be milking or be safe in calf to as good bulls as the breed affords. A number have A. R. O. records and all of them are of very heavy milking strains. They are all of Mr. Gierens's own breeding or are from the best herds of Nebraska, Illinois and Wisconsin. They are a straight, clean lot of highly useful cattle and are in excellent condition. Sale will be held in heated sale pavilion regardless of weather. Village of Walton adjoins farm and may be reached over Missouri Pacific R. R. by trains leaving Lincoln at 7 a. m. or 2 p. m. Catalogs are now ready.

T. A. GIERENS, Walton, Nebr.

AUCTIONEER—Z. S. BRANSON. CLERK—L. A. BERGE.

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, Astrakhan and Krimmer lambs, wholesale furriers quote our half and quarter blood Karakule-Incoln skins \$8.00 to \$15.00 each. Mutual increase in weight and price. Address **KARAKULE-ARABI SHEEP CO.,** Majestic Theatre Bldg., Topeka, Kan.

POLLED DURHAMS.

Polled Durham Bulls

Six well bred young bulls and a limited number of cows and heifers for sale.
C. M. HOWARD, HAMMOND, KANSAS.

Woods Polled Durhams

Roan Hero Bulls and Heifers for Sale. Three bulls from 12 to 22 months old, a fine, a Brawith Bud and a Necklace, two heifers and a white of top quality and ready for service. Also a few choice yearling and two-year-old heifers. These will be priced right for quick sale. Come and see or write **C. J. WOODS, CHILES, KANSAS.**

ABERDEEN-ANGUS.

Angus Bulls For Sale

Bred by Rutger Heatherson 3d 118104, Presto 3d 133774 and Professor Kurtz 135693. Ready for service including two choice Blackbirds. Priced right. Satisfaction guaranteed.
W. G. DENTON, DENTON, KANSAS.

Sutton Farm Angus

For sale, our entire crop of 1911 spring bulls, individually or in carloads; great, well grown, lusty fellows, sired by the best of herd bulls. Bulls from this herd sire winning steers in Chicago, Denver, Fort Worth and Kansas City shows annually. Also 20 head imported and Canadian bred Shropshire sheep, and selections from a large and high class herd of Berkshire hogs.
SUTTON FARMS, LAWRENCE, KANSAS.

LIVESTOCK AUCTIONEERS.

L. R. BRADY LIVESTOCK AUCTIONEER
Manhattan, Kan. Write or wire for dates.

COL. S. B. YOUNG, Osborne, Kan.
Livestock Auctioneer. Write for dates.

W. C. Curphey, Salina, Kan.
Livestock Auctioneer. Phone for dates.

Wm. H. Harper, LIVESTOCK AUCTIONEER.
GLASCO, KANSAS. Phone for Dates.

Col. D. F. Perkins, Concordia, Kan.
Up-to-date methods in the Auction business. Purebred stock sales and big sales generally. Write for dates.

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.

R. H. DENGATE, Lucas, Kan.
LIVESTOCK AUCTIONEER.
DATES CLAIMED ARE PROTECTED.

N. S. HOYT, Mankato, Kan.
Livestock Auctioneer. Big Horses and other Stock Sales a Specialty. Terms reasonable. Special service to breeders.

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.

H. S. DUNCAN, Livestock Auctioneer, Clearfield, Iowa, and instructor in Missouri Auction School, 14th and Grand, Kansas City. Term opens January 6th.

R. L. HARRIMAN, Livestock Auctioneer, Buncheon, Mo. Also instructor in Missouri Auction School (largest in the world), Kansas City.

W. B. CARPENTER, Real Estate Auctioneer, 14th and Grand Ave., Kansas City, Mo., and President of Missouri Auction School. Term opens January 6th at Kansas City.

COL. E. WALTERS, Skedee, Oklahoma, Real Estate and Livestock Auctioneer. Has sold real estate from Michigan to Old Mexico in 1912. Also instructor in Missouri Auction School, Kansas City.

MISSOURI AUCTION SCHOOL (largest in the world) has moved from Trenton, Mo., to 14th and Grand Ave., Kansas City, where we have auction house and can give more practice; also sell horses at Oliver horse market, 1614 East 15th St. Term opens January 6th.

needs a few sows or gilts to fill out his sale can buy them here and more than double his money. L. R. Brady will conduct the sale and his ability as a judge is well known. Anyone who cannot attend may send his bids to L. R. Brady with perfect confidence that they will be handled carefully and honestly.

Col. Gordon, General Auctioneer.

There are very few sales in Marshall county and in fact adjoining counties that Col. T. E. Gordon of Waterville, Kan., is not associated with at least and in the vicinity of Waterville where there is a good number of pushing breeders of purebred stock of different kinds it is the general verdict that Col. Gordon is the best auctioneer they can hire and he generally conducts the sale without the assistance of any away from home help. He has lived in Kansas almost all of his life and has kept abreast of the times and is up to date in every respect. His charges are reasonable. You better investigate if you are going to hold a sale soon.

Popular Duroc-Jersey Blood.

John T. Higgins, Abilene, Kan., is advertising a few very choice Duroc-Jersey boars for sale. Mr. Higgins will be remembered as the Kansas breeder who bought extensively in the best bred sow sales in Iowa last season. We had the pleasure of looking over his herd recently. He has enjoyed a good trade on boars this fall and has sold a number that have gone to well known herds in Kansas. He has a few more that are very choice which are for sale at reasonable prices. He has claimed Friday, January 24, as the date of his bred sow sale and all of his best early spring gilts have been reserved for this sale and will be bred to Good E. Nuff Model 2d, by Good E. Nuff Model, and Cherry Col., by Tippy Col. Conditions in Dickinson county for hog men are ideal, there being no disease in that part of the country. Mr. Higgins's sale should be attended by every Duroc-Jersey breeder in Kansas who is interested in the best of up-to-date breeding, backed by the best of individuals. If you need a boar not related to anything in this part of the country that is well grown out and good all over you better ask Mr. Higgins to describe and price these boars to you. Address John T. Higgins, Abilene, Kan.

Farmer-Breeder-Auctioneer.

Col. N. B. Price, Mankato, Kan., is an extensive farmer and breeder of Duroc-Jerseys as well as a rising livestock auctioneer. His herd of Duroc-Jerseys is strong in the blood lines of the prominent families. Col. Price recently bought of W. E. Monasmith, Formoso, Kan., old Bonney K. and he is now in service at the head of his herd. Bonney K. is one of the best bred and one of the best known sires in northern Kansas. A young sire in the herd, that is promising great things, is from the herd of W. A. Williams, Mariow, Okla. He was sired by Muncie Col., by Waveland Col. Mr. Price expects to buy about 12 or 15 bred sows this winter in leading sales. Those who are making sales should remember to put him on their mailing list. Col. Price has been making sales in Jewell county for the past two years and is a successful young auctioneer that could make good on your next sale. He would like to assist in making it anyway and his charges are very reasonable. Give him a trial. He is well spoken of in his own county where he is best known and is capable and trustworthy. See his advertisement in the auctioneer column.

Kansas, Missouri and Iowa.

BY C. H. WALKER.

Waddill's Pioneer Stock Farm Studs.

John W. Waddill & Son of Brashear, Mo., proprietors of the Pioneer Stock Farm studs of Percheron, Belgian, Shire and German Coach stallions and mares, are in a better position this year to supply their large trade with high class specimens of the different breeds than any time during their 15 years as breeders. They have on hand now about 35 head, 20 stallions and 15 mares. These range in ages from weanlings to 5 and 6 years old. These include imported and home bred stallions and mares weighing up to a ton and better. A good per cent of the horses are home bred in the strictest sense. They are bred on the Pioneer Stock Farm, have every advantage in the way of good pastures, plenty of range and are given every opportunity to develop strong bone, rugged constitutions and to fit themselves to the best advantage for the work they have to do. And these qualities show up exceptionally strong in the Waddill horses. Good backs, large, clean, strong bone, style and quality and good dispositions are the essential points demanded by Messrs Waddill and it is horses of this character which they have for sale. They have on hand some of the best mares and fillies one will see in a wide range of territory. While the Waddill horses have been shown mostly at the best county fairs, where they won a large majority of the prizes, it has been through lack of help and not a lack of quality in their horses that has kept them away from the state fairs. Last year they won first on their 3-year-old German Coach stallion at the strong Inter-State Fair at St. Joseph. Billy Clayton is now in charge of the stud and with his efficient help Mr. Waddill is planning on making a more extensive showing. Mr. Waddill offers a high class lot of horses of the breeds mentioned above and buyers can come as near getting bargains, quality considered, by purchasing from the Pioneer Stock Farm as most any stud in the country. Write them your wants and kindly mention this paper.

Kansas and Missouri

GEO. W. BERRY.

Trumans's Fifth Importation.

Under date of November 8, Mr. J. G. Truman, Mgr. of Truman Pioneer Stud Farm, Bushnell, Ill., writes as follows: "We are very pleased to report the arrival of our fifth importation for this season which included 33 Shire mares which will be sold, together with 20 head we had already on hand, at our Shire mare sale on Thursday, December 12. There were also several very high class stallions included in this shipment which will be on exhibition at the International Exposition next month. The

80 Percheron Stallions

I have just returned from France with 60 head of Imported Percheron Stallions and I have fully demonstrated at the different State Fairs and Shows where I have exhibited, that I have the kind that are unexcelled; in fact, my exhibit was the talk of the shows—more weight, more conformation, more action, than you ever saw in one barn.

My Winnings at the Oklahoma State Fair were as follows:

Grand championship on Kaball 2d, a 2-year-old; first on aged stallions; first, second and third on 3-year-olds; first and fourth on 2-year-olds; first on yearlings; first and second on grand display of four animals either sex; first and second on five best studs. In Percheron Society Specials I won first and second on five best stallions. First championship stallions, open class.

FRENCH DRAFT.—Second on aged horses; first and second on 3-year-olds; first, second and third on 2-year-olds; first on four animals, either sex; first in grand display; first on five best stallions.

ON BELGIAN.—Second on aged stallions; second on 3-year-old stallions; first on 2-year-old stallions.

My Winnings at the American Royal were as follows:

Grand championship on Percheron stallions; first on aged horses; second on 2-year-olds; third on yearlings; Percheron Society Specials; championship stallions, open class. I also won the \$100 trophy sent by the Percheron Society of France to the American Royal for the best stallion exhibited.

FRENCH DRAFT.—Grand championship. First on aged horses; first on 3-year-olds; first, second and third on 2-year-olds; first on five best stallions.

Now, if you are in the market for a first-class stallion, the kind that you will always be proud of, one that will start the foundation of a family of horses that you will be remembered by your great grandchildren, come to Salina, Kan., and look through my barn, for I am positive that I can show you more bone, more foot, more weight than any man in the business.

C. W. Lamer & Co.,
Salina, Kansas.

MR. STALLION BUYER!**I Want You To Come To Emporia, Kansas**

and visit my barns. Let me show you the best lot of Percheron and Belgian Stallions you ever saw for the money.

We Have the Goods.

An unusual variety from which to select. All we ask is a chance to show the goods. You will say the price is right. That is why it is hard to get away from Wiley's without buying a stallion. Look at all the horses you can before you come. Wiley gives a cash guarantee and meets all competition, quality considered. For full particulars write

L. R. WILEY, Emporia, Kansas.

Breeding Farm, Elmdale, Ks. Sale Barns, Emporia, Ks.

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.

**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.

DAIRY CATTLE.

FOR SALE 37 head registered Holstein heifers and bulls from tested dams. Prices right. Come and see them. **M. P. KNUDSEN, CONCORDIA, KANSAS.**

Holstein Bulls Registered, good individuals. Ready for light service. **C. H. H. EMERY, WETMORE, KANSAS.**

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

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.
E. J. LINSCOTT, HOLTON, 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.

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 at Auction
Having sold my farm will dispose of my entire herd of registered and grade Holsteins. Will sell at Public Auction, December 10th, at the Pioneer Holstein Dairy Farm at Speed, Phillips Co., Kan. A carload of females varying from calves to cows not over six years old; also few young registered bulls. Great bargains will be offered. For particulars write **P. J. PAULSEN, SPEED, KANSAS.**

HOLSTEINS FOR SALE
Having bought entire, one of the largest and best producing dairy herds in Shawnee Co., I am now offering them in any numbers, in connection with my heifers. They are all under 8 years, mostly 3 to 6 years old. Heavy milkers and heavy springers. Nearly 100 head to select from. These cattle are all very high grades. Also bulls, all ages. High grade and registered.
IRA ROMIG, Sta. B, TOPEKA, KANSAS.

HEREFORDS.

MATHEWS' REGISTERED HEREFORDS
For sale. 8 long yearling bulls; 30 yearling heifers, also cows with calves by side—extra good cattle, strong in Anxiety 4th blood.
FRED MATHEWS & SONS, Kinsley, Kan.

BLUE GRASS Herefords
STOCK FARM
Cows, heifers and young bulls for sale. 100 head in herd. Breeding matrons by Millant, Lampighter, Shadeland Dean 2d, Gentry Briton 6th, Heslod 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.

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

GALLOWAYS.

G. E. CLARK, W. W. DUNHAM,
CAPITAL VIEW GALLOWAYS.
12 Miles West of Topeka.
Can furnish car of good cows, also bulls ranging in ages from calves to 2-yr.-olds. Can suit your wants. Write
CAPITAL VIEW RANCH, Silver Lake, Kan.

Fort Larned Herd
40 REGISTERED BULLS. 20 GALLOWAYS and 20 RED POLLS. 10 to 20 months old. Priced to sell.
E. E. FRIZELL, LARNED, KANSAS

RED POLLED CATTLE.

Foster's Red Polls
Write for prices on breeding stock.
C. E. FOSTER, R. R. 4, Eldorado, Kansas.

RED POLLED BULLS
and heifers by Actor 7781 and Launfal 13221. Cows large, plenty quality, represent best milking families. Also large type POLAND CHINAS. Pigs. Write or come.
CHAS. MORRISON & SON, Phillipsburg, Kan.

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.

FOR WISE FEEDERS

"I have been able to market my cattle 30 days earlier by using your EXCELLO CATTLE FATTNER."—E. G. Mendenhall.
If you want to make money, write at once to
Excello Feed Milling Co.
St. Joseph, Mo.

mares run in ages from 2 to 7 years old, and, taking them all round, are well up to the Truman standard and, as a lot, are equal to any we ever sold at public auction. We are making very attractive prices on stallions at this time in order to move them to make room for a considerable number of stallions that our Mr. J. H. Truman already has on hand in England ready for shipment. Shall be very pleased to mail our illustrated catalog to any of your readers." The catalog referred to above is profusely illustrated and will be of especial interest to you if you are interested in high class drafters.

J. F. Stodder's Shorthorn Sale.
Summary.

8 bulls sold for..\$1,415.00; average..\$176.87
37 cows sold for.. 6,102.50; average.. 164.90
45 head sold for.. 7,517.50; average.. 167.05
The most successful sale of Shorthorn cattle that has been held in the state in recent years was made by J. F. Stodder at Burden, Kan., on November 21. The offering consisted of 45 head from the Silver Creek Herd which sold at the average of \$167.05. The average price received for eight bulls was \$176.87, and for 37 cows, \$164.90. The attendance was the largest that has witnessed a cattle sale in the state for several years, and when the auction was opened the large pavilion was filled to its utmost capacity by an attentive audience. Before the opening of the sale the visitors were entertained by an exhibition of Shorthorns seldom equaled, if ever, at an auction of purebred cattle in Kansas. This exhibition consisted of an array of the show herd headed by the herd bulls which were led around the ring by the herd manager Mr. Wm. Tripplet and his assistants. Strong features in the sale included the valuable herd matrons, many of them followed into the ring by their excellent calves, also, the young show herd and the herd bulls Choice Archer and Silver Mine. Mr. John Tomson of Dover, Kan., was a strong contestant for many of the good things and paid the top price in the sale for the 5-year-old cow Dale's Rothnick Rose, sired by the famous Avondale, and was the buyer of a number of other choice females. The white bull, Silver Mine a Marr Emma of the best Scotch breeding was sold to Marshall Brothers of Atlanta, Kan., and goes to a good home. Choice Archer the good breeding son of Captain Archer sold at the bargain price of \$205.00 to W. I. Phillips of Oklahoma. Among the prominent breeders of Shorthorns who were buyers were Ed. Hall, Carthage, Mo., H. H. Holmes, Great Bend, Kan., C. S. Nevius, Burlington, Kan., and C. S. Nevius, Chiles, Kan. Col. R. L. Harriman of Bunceton, Mo., opened the sale with one of his characteristic vigorous addresses and was assisted in the conduct of the sale by Col. J. D. Snyder of Hutchinson, Kan., and the local auctioneers Col. Miller and Col. Day. The list of sales follows:

BULLS.

Silvermine, Marshall Brothers, Atlanta, Kan.\$260.00
Choice Archer, W. I. Phillips, Lamont, Okla. 205.00
Red Laddie, B. M. Lyne, Oak Hill, Kan. 280.00
Royal George, S. T. Shepherd, Winfield, Kan. 120.00
Kansas King, L. R. Yeager, Dexter, Kan. 125.00
Red Victor, L. F. Pardue, Altamont, Kan. 100.00
Happy Boy, J. A. Fasken, Atlanta, Kan. 200.00
Royal Archer, Evans & Schaefer, Cedarvale, Kan. 125.00

COWS.

Royal Foxglove, C. A. Miller, Burden, Kan. 175.00
Queen Bess, Ed. Hall, Carthage, Mo. 300.00
Dale's Rothnick Rose, Jno. Tomson, Dover, Kan. 425.00
Jeanie, A. H. Taylor, Sedgwick, Kan. 230.00
Harmony 12th, Jno. Tomson..... 225.00
Butterfly Queen, H. O. Peck & Son, Wellington, Kan. 155.00
Royal Rothnick Rose, Claude Williams, Miami, Okla. 200.00
Knight's Victoria, A. H. Taylor..... 200.00
Red Lady 7th, John Tomson..... 150.00
Miss Marigold, W. S. Weigle, Wichita, Kan. 195.00
Sycamore Rose, Claude Williams..... 210.00
Royal Butterfly, John Tomson..... 140.00
Choice Violet, T. O. Morse, Winfield, Kan. 77.50
Helen Harmony, Fred Ablegard, Winfield, Kan. 125.00
Facinator, W. I. Phillips..... 160.00
Butterfly Roan, H. O. Peck & Son..... 150.00
Marjorie, H. H. Holmes, Great Bend, Kan. 150.00
Orange Butterfly, Jewell Bros., Humboldt, Kan. 135.00
Mad Cap, C. H. White, Burlington, Kan. 150.00
Indian Maid, Henry Berline, Caldwell, Kan. 140.00
Crystal Maid, C. S. Nevius, Chiles, Kan. 245.00
Claret, M. W. Sanderson, Cedarvale, Kan. 105.00
Irma, Harry Bayless, Grainola, Okla. 175.00
Glory, John Tomson..... 155.00
Hatty May 17th, Henry Berline..... 150.00
Gay Lady, W. F. Weigle..... 105.00
Rosevale, W. F. Weigle..... 100.00
Silver Bloom, C. S. Nevius..... 105.00
Splinters, H. H. Holmes..... 210.00
Hatty May 18th, C. S. Nevius..... 180.00
Orange Zealous, Harry Bayless..... 185.00
Bright Eyes Lady, W. I. Phillips..... 117.50
Gazelle 7th, H. H. Holmes..... 145.00
Hatty May 20th, W. F. Weigle..... 115.00

Big Berkshires.

C. G. Nash, the well known Berkshire breeder of Eskridge, Kan., is making a special offering of bred sows of the big, heavy boned sort and bred to his prize winning boars Buster Black and Progressive Duke. These are tried sows that raise the large, strong, thrifty kind of pigs and they raise two litters in a year. They are being bred for early spring pigs to the herd boars. They have good heads, strong backs, excellent hams and best of feet. Any farmer can afford to own them at the prices asked.

Lee Brothers' Percheron Sale.

The announcement of the sale of Percherons which will be held by Lee Brothers at Manhattan, Kan., on December 17 is attracting a great deal of attention from horsemen and indications point to one of the most important sales of the year. The offering on this occasion consists of a splendid selection of stallions and mares from the Blue Ribbon Stock Farm of Lee Brothers at Harveyville, Kan. Features of the

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.

Double Standard
Polled Durham Sale
(Or Polled Shorthorn Cattle)

At English River Stock Farm, one mile northeast of
WEBSTER, IOWA
Thursday, December 12th

One half are Scotch. The old reliable farmers' breed without horns.

31 Head 11 Bulls, 1 to 2 years old
20 Young Breeding Cows

The bulls are as good a lot as will be offered this year; eight of them are approaching 2-year-old, the others are yearlings; six of them are Scotch.

The females are all young breeding cows, mostly bred to bring calves from March to June, to our Scotch herd bull, WHITE GAUNTLET, one of the best grandsons of J. H. Miller's GOLDEN GAUNTLET, seven years champion of the breed. Much of our foundation stock is from the Miller herd, embracing such families as the Orange Blossoms, Knowlmer's, Mysie's, Rose of Sharon's, and other noted strains. Cruickshank blood predominates in our herd. The entire offering is a clean lot of business cattle descended from the best known strains. They will please you.

How to Get Here

Webster is at the junction of the Rock Island and C. M. & St. P. railroads, about mid-way between Cedar Rapids and Ottumwa, Ia., in Keokuk County. Buyers from a distance will be entertained at our expense. WRITE NOW FOR A CATALOG, AS THIS AD WILL NOT APPEAR AGAIN.

M. YOAKAM & SONS,
Webster, Keokuk Co., Iowa

Auctioneers: Cols. F. M. Woods and C. C. Evans.
Harry Graham, Fieldman.

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. NOFSINGER, OSBORNE, KAN.

Pearl Herd of Shorthorns

I have a select bunch of young bulls from six to 20 months old, well bred, well grown and the making of good useful animals. They are both reds and roans. Can ship via C. R. I. & P. A. T. & S. F., U. P., and Mo. Pac. Address

C. W. TAYLOR
ABILENE : : 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, one eight-months-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 skin; 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. Laveck, Princeton, Kas.

O. I. C. SWINE.

40 Choice O. I. C. Pigs H. W. Haynes, Meriden, Kan.

O. I. C. BOARS EXTRA GOOD BONE. Priced right if taken soon
GEO. W. DE BAR, AURORA, IOWA.

EDGEWOOD O. I. C's. Choice gilts and fall pigs; also tried sows.
HENRY MURR, TONGANOXIE, KANSAS.

O. I. C. 40 pigs, some good fall boars and tried sows for sale. Express prepaid. Everything registered free.
F. C. GOOKIN, RUSSELL, KANSAS.

O. I. C. 12 months old show boar, Bobwhite, 10 spring boars, 5 bred sows and 15 gilts for sale.
E. W. GAGE, GARNETT, KANSAS.

KENT'S IOWA HERD
100—Good lengthy, 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, sented 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. E. 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.

BERKSHIRES.

WAITE'S BERKSHIRES.
Choice young Boars and Gilts, also tried sows. Most famous Robinhood Blood. We guarantee satisfaction. Call or write
LEON A. WAITE, WINFIELD, KAN.

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.

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.

sale consist of the members of the show herd including all of Lee Brothers' winners on the state fair circuit and the American Royal 1912. The grand champion mare Imported Galatte, undefeated at Kansas and Oklahoma State Fairs and the American Royal and her harness mate Allie; Imported Joeaste, and Della Reserve Champion Oklahoma, are among the attractions that have been cataloged for this sale. Among the good stallions that will be sold are De Coseline reserve champion Kansas State Fair, Topeka and Hutchinson, and Carne the champion American bred stallion, American Royal. Twenty head of mares are cataloged for the sale whose intrinsic value is enhanced by being safe in foal to the famous stallion Imported Scipion, champion horse in France and America wherever shown. The catalog will be mailed upon application to Lee Brothers, Harveyville, Kan.

Durocs and Plymouth Rocks.

Searle & Cottle, Berryton, Kan., breeders of Duroc-Jersey hogs and Plymouth Rock fowls, report good demand for breeding stock and the sale of a number of good boars and sows. They state that their advertisement in the Mail and Breeze has brought good results and been the means of bringing several breeders and farmers to their farm to buy stock. W. H. Becker from Sylvan Grove, Kan., purchased a good boar and a sow. The second prize junior boar pig at the Topeka, Kan., State Fair has been sold to Geo. K. Day, of Dwight, Kan. Messrs. Searle & Cottle have reserved a number of choice boars for the trade which will be priced reasonably. They offer 100 choice Plymouth Rock cockerels at the low prices of \$1.00 to \$1.50. Write them for further information at Berryton, Shawnee county, Kansas.

Iowa

GRANT GAINES.

Mr. Geo. W. DeBarr, Aurora, Iowa, is placing his O. I. C. spring boars at farmers' figures and Mail and Breeze readers wanting a good pig of this breeding should write him at once before they are all gone. His hogs are popular bred and we are sure you will like both pig and price.

J. W. Pfander & Sons of Clarinda, Iowa, will hold a bred sow sale at their farm near town on February 26th. This will be an important sale and one of the best lot of sows the Pfanders have ever catalogued. Every animal will be a direct descendant of their giant Polands. Keep the date in mind and remember here is one of the truly mammoth herds of giant Polands.

Will Offer Oranges.

On the evening of February 26th, Mr. L. R. McClarnon of Braddyville, Iowa, will sell a select offering of bred sows and gilts that will surpass any previous offering made by him. Many of them will be sired by the great and popular Big Orange and others will be bred to him. The popularity of Big Orange grows as his get are scattered over the corn belt. This sale will be a hummer in size and quality and readers should keep the date in their hats. Big Orange boars are money makers and if you want to enlarge your bank account you want to buy more of this Big Orange sale offering.

An "A Wonder" Sale.

On February 6th, Mr. Henry Fessenmeyer of Clarinda, Iowa, will hold a bred sow sale that will surpass any offering ever made by him. As is generally known Mr. Fessenmeyer owns the great peerless breeding boar, A Wonder. Every animal going in this sale will either be sired by A Wonder or out of A Wonder dams, or bred to A Wonder. It will be the biggest opportunity ever offered readers of this paper to buy the blood of this great boar. In a few weeks we will have a complete review of this sale offering. There will be spring gilts going in this sale weighing over 400 pounds, bred to A Wonder. Wait and watch for the sale announcement.

J. O. James As a Breeder.

The writer recently called on Mr. J. O. James of Braddyville, Iowa, and in looking over his great herd of Poland Chinas we could not recall ever seeing a more pronounced type of big mellow sows than is to be seen in Mr. James's herd. Mr. James has always kept certain type in view when mating his animals and as a consequence he has that for which men all over the corn belt are seeking and paying a long price for when they find it. Pawnee Lad established the big smooth, mellow type and when Mr. James crossed these sows on Big Orange he increased the size without losing any quality and breeders and hog men everywhere are paying him a handsome profit for his hogs. They are in great demand. Mr. James will sell a select lot of sows and gilts in his February 7th sale and this sale will give everybody a chance to buy some of these good hogs. The offering will be one of the best to sell this winter. It will be bred to Big Orange; Ott's Big Orange, pronounced by many to be the best boar for his age yet discovered; Big Sensation, a massive boar of quality; A Wonder Giant, by the famous A Wonder and other boars that are established in type and individual merit. Keep the date in mind and watch for further announcements.

Nebraska

G. E. HALL.

Holstein Cattle Sale.

On December 17, at his farm 7 miles east of Lincoln, Nebr., Mr. T. A. Gierens will hold a sale of 60 head of Holstein cattle that should receive the attention of those of our readers who are in the market for some strictly first-class cattle. The offering will contain 60 head, consisting of 10 bulls of serviceable age and the balance females; the larger part of them milking at this time or well along in calf to the very best bulls the breed affords. Mr. Gierens has been a discriminating buyer of the very choicest breeding stock and this offering will

BERKSHIRES.

Hazlewood's Berkshires!
Choice spring boars and gilts priced to sell. Write today. W. O. Hazlewood, R. 2, Wichita, Kansas

BERKSHIRES, SHORT-HORNS and JERSEYS

FOR SALE—25 boars by Robinhood Premier 2nd or Rival's Lord Premier, and out of sows representing such sires as Imported Baron Compton, Berryton Duke and Premier Longfellow. Also a choice Shorthorn bull calf by Silk Goods and out of a show cow.

W. J. GRIST, :-: OZAWKIE, KANSAS

Sutton Farm Berkshires



Berryton Duke Jr.

100 HEAD AT PRIVATE SALE including serviceable boars, open or bred sows and gilts at farmers' prices. Address

Sutton Farms
Lawrence, Kan.

DUROC-JERSEYS.

BEAVER VALLEY HERD DUROCS. Boars and gilts sired by Grand Master Col. II 9493 (Grand Champion and sire of winners at Oklahoma State Fair, 1911), Defender's Col. 112597, Autocrat 94765 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.

Prince Wonder 2nd. No boar sale but best for private sales. Gilts reserved for February 7 bred sow sale.
A. T. CROSS, GUIDE ROCK, NEBRASKA

LITTLE OAK DUROCS Early spring boars for sale. Gilts reserved for February 22 bred sow sale.
Geo. P. PHILIPPI, Lebanon, Kan.

BONNEY K-Kansas Special Spring boars for sale but all best gilts reserved for February bred sow sale.
W. E. MONASMITHE, FORMOSO, KANSAS.

SPECIAL PRICES ON BOARS sired by Buddy and B. & C's Col. 1 yearling. Sows bred to R. O's Buddy and Watson's Col. R. O. Watson, Altona, Kas.

DUROC-JERSEYS.

Crimson Wonder Breeding Top boars spg. pigs. Write for prices. A square deal.
DAVID BOESIGER, COURTLAND, NEBR.

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.

Deep Creek Herd Durocs
Extra choice early fall pigs now ready to ship from dams sired by State Fair Champion boars. Satisfaction guaranteed.
O. O. ANDERSON, MANHATTAN, KANSAS

FALL YEARLING BOARS A few very choice ones; and fall and summer pigs at bargain. Bred sow sale February 8th. F. C. GARRETT & SON, Bloomington, Nebraska.

TAYLOR'S DUROC-JERSEYS
The herd that produces State Fair Winners. Spring pigs for sale. Special offer on top spring boars.
CHAS. L. TAYLOR, OLEAN, MISSOURI

BIG TYPE DUROCS Representing the best blood lines. Over 50 sows in herd. Big crop of choice spring pigs. Stock of all ages for sale. Winter sale Feb. 5.
Moser & Fitzwater, Goff, Kansas.

Dreamland Colonel

35 Sept. yearlings and tried sows for big bred sow sale in February. Nothing better. Also choice boars.
LEON CARTER, Asherville, Kan.

Bonnie View Farm
Duroc-Jerseys: Boars and gilts.
Plymouth Rocks: 100 cockerels.
Searle & Cottle, Berryton, Kas.

Star Breeding Farm Herefords and Durocs

Bulls, 15 to 30 months, single or carlots; also, females any age. Durocs headed by the champion B. & C's Col. Both sexes for sale.
SAM'L DRYBREAD, ELK CITY, KANSAS.

TATARRAX HERD DUROCS

Spring and fall boars by the Grand Champion Tatarax and out of our best herd sows. Some by G. M.'s Tat Col., others by Hogate's Notcher by Hogate's Model. The best of breeding stock always for sale at reasonable prices. Visitors always welcome. Farm adjoining town.
HAMMOND & BUSKIRK, NEWTON, KANSAS.

Duroc Hogs and Jersey Cattle Sale!

At farm 4 1-2 miles west of corner Main and Douglas
Wichita, Kan., Thursday, Dec. 12

40 HOGS
9 tried sows.
20 choice spring gilts.
11 spring boars.
1 yearling boar.

11 Cattle
11 head of Jersey cattle, all purebred but non-registered.
10 milch cows, due to calve this winter.
1 good yearling bull.

My Entire Lot of Herd Sows Sell
These tried sows are extra large and prolific. One is a daughter of Old Tip Top Notcher; another by Royal Improver; one a granddaughter of W. L. A.'s Choice Goods and the others are all by Perfect Improver, Grand Champion at Wichita Fair, 1909 and 1910. They are now safe in pig to the splendid breeding boar, Gold Standard, by Gold Cloud, who was an Illinois State Fair Champion.
These choice spring boars and gilts are the tops of last spring's litters. A number are good enough to fit for next season's shows; about half the gilts will be bred to a Col. bred boar, the others will sell open as attractions to breeders with high-class herd boars. Col. Mc, a yearling herd boar, will also be sold.
In this sale is to be found hogs for both breeder and farmer. My farmer neighbors are cordially invited. You will find bargains in this sale. Those wishing Dairy Cattle should see this offering of non-registered Jerseys sale day. For Catalog address

J. U. HOWE, R. 3, Wichita, Kan.
AUCTIONEER—John D. Snyder. FIELDMAN—A. B. Hunter.

DUROC-JERSEYS.

DORR'S DUROCS 20 boars, 30 gilts and 25 fall pigs sired by a Crimson Wonder boar; good color and bone. Price low. **A. G. DORR, Osage City, Kan.**

HUSTON'S DUROCS 20 boars by Golden Model 3rd 117887, the type that will make money on any farm and improve any herd. Satisfaction guaranteed. **W. R. HUSTON, Americus, Kan.**

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.**

DUROC BRED SOWS, Gilts and Boars Some bred sows, fall and spring gilts and boars. Two fall boars sired by the famous B. & O's Col. Pedigrees furnished. **PRICES REASONABLE. JUDAH BROS., HIATTVILLE, KANSAS.**

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.**

DUROCS of quality and size. Spring boars and gilts of B. & O's Col., Tatarax and Nebr. Wonder breeding at farmer's prices. **John A. Reed, Lyons, Kansas.**

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**

John T. Higgins, Abilene, Kans. A few choice spring boars by noted sires for sale. Write for prices and descriptions. Address as above. Bred sow sale Friday, January 24th.

Howe's Duroc-Jerseys SPRING BOARS, herd headers or the farmers kind, also choice spring gilts. Best of blood lines. Good individuals. Priced to sell. Write for particulars. **J. U. HOWE, R. 3, Wichita, Ks.**

Perfection Stock Farm Nov. boars and gilts, also 30 choice spring pigs, by State Fair grand and reserve champions. Pairs and trios not related. Ship on approval. Prices right. Write your wants. **Geo. M. Clasen, 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. 133 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.**

POLAND CHINAS.

NEBRASKA'S POLAND CHINAS. Spring boars for sale but best gilts reserved for February 12 sale. **L. E. HOLMES, 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.**

NEBRASKA TYPE March and April boars by Nebraska Chief and Pan Wonder. Tops of this season offering. **O. C. INGRAM, Bloomington, Nebr.**

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.**

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? **E. 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 Goldstut Hadley. Also 10 head of yearling sows bred to these boars. **JOE SCHNEIDER, Nortonville, Kansas.**

POLAND CHINAS—SHORTHORNS 20 spring boars and a few gilts for sale. Simultaneous treatment last spring. Also young bulls. Write for description and price. **E. B. AMCOATS, CLAY CENTER, KANSAS**

bear evidence of the fact that his judgment has been good. The cattle going in this sale are either Mr. Gierens's own breeding or are representatives of some of the best herds east or west. A number of the cows have A. R. O. records and are of the very best families and the balance are high grades. Mr. Gierens has recently erected a new sale pavilion and sale will be held in comfortable quarters regardless of weather. Catalogs are ready and may be had by addressing Mr. Gierens at Walton, Nebr. Kindly mention this paper when writing.

Editorial News Notes.

Mr. J. B. Thiery, The Piano and Organ Man, Milwaukee, Wisconsin, is sending out, free, postpaid, his beautiful, new 1913 Art Style Book of Pianos. This book, without a doubt, is one of the finest books of pianos ever printed and it shows the new 1913 Thiery pianos in mahogany, walnut and oak colors. Whether you are going to buy a piano for your home right now or later on, it will pay you to send to Mr. Thiery for this book and his special letter with straight-to-you-prices and easy terms of payment. Mr. Thiery is well known to the majority of readers of our paper and many of our subscribers have Thiery Pianos in their homes. The book that Mr. Thiery has just issued, contains scores of testimonial letters from homes that have purchased direct from him, telling of savings and satisfaction that will interest any home in the market for a piano. Mr. Thiery is conducting the most successful business of the kind in the country and will ship to you all freight paid. Any Thiery Piano you choose on thirty days' trial and test with no obligation on your part to keep it if you are not more than pleased. If you are not a cash buyer, he will give you from two to three years' time to complete payment and arrange the payments at times of the year when it is most convenient for you to make them. His full page advertisement appears in this issue and if you are going to buy a piano, it probably will pay you to write him at once for his style book and special price list. See ad on last page of this issue. Write for free piano book to Mr. Thiery, and say you saw his offer in this paper.

A Genuine Service.

"I believe," says an old subscriber, "that every time The Youth's Companion enters a home it does that home a genuine service." That describes the purpose of the publishers exactly. The paper is not filled with mischievous or idle thoughts to fill an idle hour. It provides healthy, pastime, recreation that builds up. It is to the minds of eager and impressionable young people what sound athletics are to their bodies. At a cost of less than four cents a week The Youth's Companion opens the door to a company of the most distinguished men and women in America and Europe. Whether they are revealing the latest discoveries in science or describing great industrial achievements, or telling of their wanderings in strange corners of the world, or feeding the imagination with rare stories, they are giving Companion readers the best of themselves. Seven serials at least will be published by The Companion in 1913, and nearly 200 other complete stories, in addition to some 50 special contributions, and a treasure-box of sketches, anecdotes, expert advice as to athletic sports, ideas for handy devices round the house, and so forth—long hours of companionship with the wise, the adventurous and the entertaining. Announcement for 1913 will be sent with sample copies of the paper to any address on request. Every new subscriber who sends \$2.00 for the fifty-two weekly issues of 1913 will receive as a gift The Companion Window Transparency and Calendar for 1913, the most exquisite novelty ever offered to Companion readers; also, all the issues of The Companion for the remaining weeks of 1912, free. The Youth's Companion, 144 Berkeley St., Boston, Mass.

He Irrigates His Alfalfa

On his investment of \$2,000 in a 320-acre farm 10 years ago, Adam Molz of Deerfield, Kearney county, Kansas, now receives an annual income of \$8,000 to \$10,000. Alfalfa has done it. Molz is an alfalfa specialist. He has achieved his unusual success, too, on a half section of western Kansas land which gets only 15 or 20 inches of rainfall annually—about one-half enough. He irrigates. In the 10 years since this farm was bought it has increased in value from \$6.25 to \$150 per acre.

Farmers Mail and Breeze Pays Advertisers.

Farmers Mail and Breeze, Topeka, Kan. Have just sold to the Kansas State Agricultural college five very fine weanling colts from the 50 head that I imported from France of that age this fall. They will be used in connection with the experiment soon to be started at the college. Yours truly, **J. C. ROBISON, Importer and Breeder of Percheron Horses, Towanda, Kan., Nov. 14, 1912.**

Farmers Mail and Breeze, Topeka, Kan. At the time of placing this ad on the market a year ago we gave you an inch ad for all of our publications and must say that we were agreeably surprised at the results obtained as we had more than 600 inquiries from this small ad. The majority of the inquiries were received from the subscribers of the Farmers Mail and Breeze and Missouri Valley Farmer. Yours very truly, **SAWYER & AUSTIN LBR. CO. Pine Bluff, Ark., Aug. 28, 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.**

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, WATERVILLE, KAN.**

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

POLAND CHINAS!

Bred sows at private sale. Also fall and spring boars. Sows bred to Tom Lipton, Welcomes, Iron Clad 2d and others. Priced right. Ask for prices and descriptions. **JOSEPH M. BAIER, ELMO, KANSAS.**

POLAND CHINAS.



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.**

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. F. ROBINSON, MARYVILLE, MISSOURI**

Big Poland Spring Boars

February and March boars, large and smooth, easy feeders. Sire "the great GOLD MINE." One 2-year old Herd Boar. Pan Look 5609. He is extra good. **DIETRICH & SPAULDING, Richmond, Kan.**

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**

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.**

ETTERVILLE BREEDING FARM

Devoted to the raising of the old original Big Boned Spotted Poland Chinas. Spring pigs from five of the largest spotted boars on earth. Pairs or trios not akin. Hogs shipped anywhere on earth. They will please and are priced right. **EDGAR DOOLEY, Owner, ETTERVILLE, MO.**

KIRK'S Duroc-Jersey Dispersion 93 Pure Bred Duroc-Jerseys
At the Farm One-Half Mile East of Manhattan, Kan.
Tuesday, Dec. 3, 1912

Everything in good condition but not loaded with fat. The herd sows and the herd boars are registered and all the young stuff is eligible and papers will be furnished for everything. It is a dispersion sale of a herd that was founded two years ago and everything goes in the sale. It is a good opportunity for anyone who wants to get in the business to buy the foundation of a herd very cheap. The offering is a big one and prices are almost sure to range low, as the herd is not well known. But his loss will be your gain if you are quick enough to see it.

Here is the line-up: Two herd boars; three November yearling boars; 11 spring boars; five last July boars; one tried sow bred; six tried sows open; 10 November yearling gilts open; two November yearling gilts bred; 12 spring gilts; five July gilts; 30 fall pigs.

All of the offering, except the tried sows, are by Kansan, by Shepard's Wonder, and Karlos, by Carl's Critic. Leading families of Durocs are represented. You are invited to attend.

L. B. KIRK, Manhattan, Kan.

L. R. Brady, Auctioneer. J. W. Johnson, Fieldman. Call at the office of L. R. Brady, opposite Gillette Hotel, for directions to the farm. **THE SALE IS NEXT TUESDAY.**

Lee Bros. Great Sale

PERCHERON MARES AND STALLIONS

At Manhattan, Kansas

Tuesday, Dec. 17

IN STATE AGRICULTURAL COLLEGE JUDGING PAVILION

PRIZE-WINNING MARES

Including

Imp. Galette

Grand Champion Mare Kansas and Oklahoma State Fairs and American Royal, 1912.

And her team mate

Allie

and other great show mares.

SHOW STALLIONS

Including

Carno

Champion American Bred Stallion American Royal and

De Costeline

Reserve Champion Stallion Kansas' Two State Fairs, 1912.



TWICE A RESERVE CHAMPION IN 1912.

Including our

1912 Show Herd From

The Blue Ribbon Stock Farm

50 Head—35 Mares and Colts and 15 Stallions—50.

Including 20 Mares bred to Imp. Scipion 27123 (43667), champion stallion of France and America wherever shown.

Write for the catalog.

Auctioneers: Cols. Snyder, Brady, Crews and Busenbark.

LEE BROTHERS, HARVEYVILLE, KAN.

NOTE: THE ROBISON PERCHERON SALE, TOWANDA, KAN., DECEMBER 19

Robison's Percherons

FIFTEENTH AUCTION SALE

50 Imported and American Bred Registered Percheron Stallions, Mares and Colts

A select lot of 25 head from my recent importation of 90 head from France, together with 25 head of my best American bred animals will make this the greatest offering ever sent into a sale ring in the West.



CASINO, undefeated champion, still looking for trouble.

Whitewater Falls Stock Farm, Towanda, Kan. Thursday, December 19

Sale will be held in Sale Pavilion on the farm

AUCTIONEERS: R. L. Harriman, J. D. Snyder, W. M. Arnold.

Send for catalog to J. C. ROBISON, TOWANDA, KAN.

LEE BROS. PERCHERON SALE AT MANHATTAN, KAN., DECEMBER 17, 1912

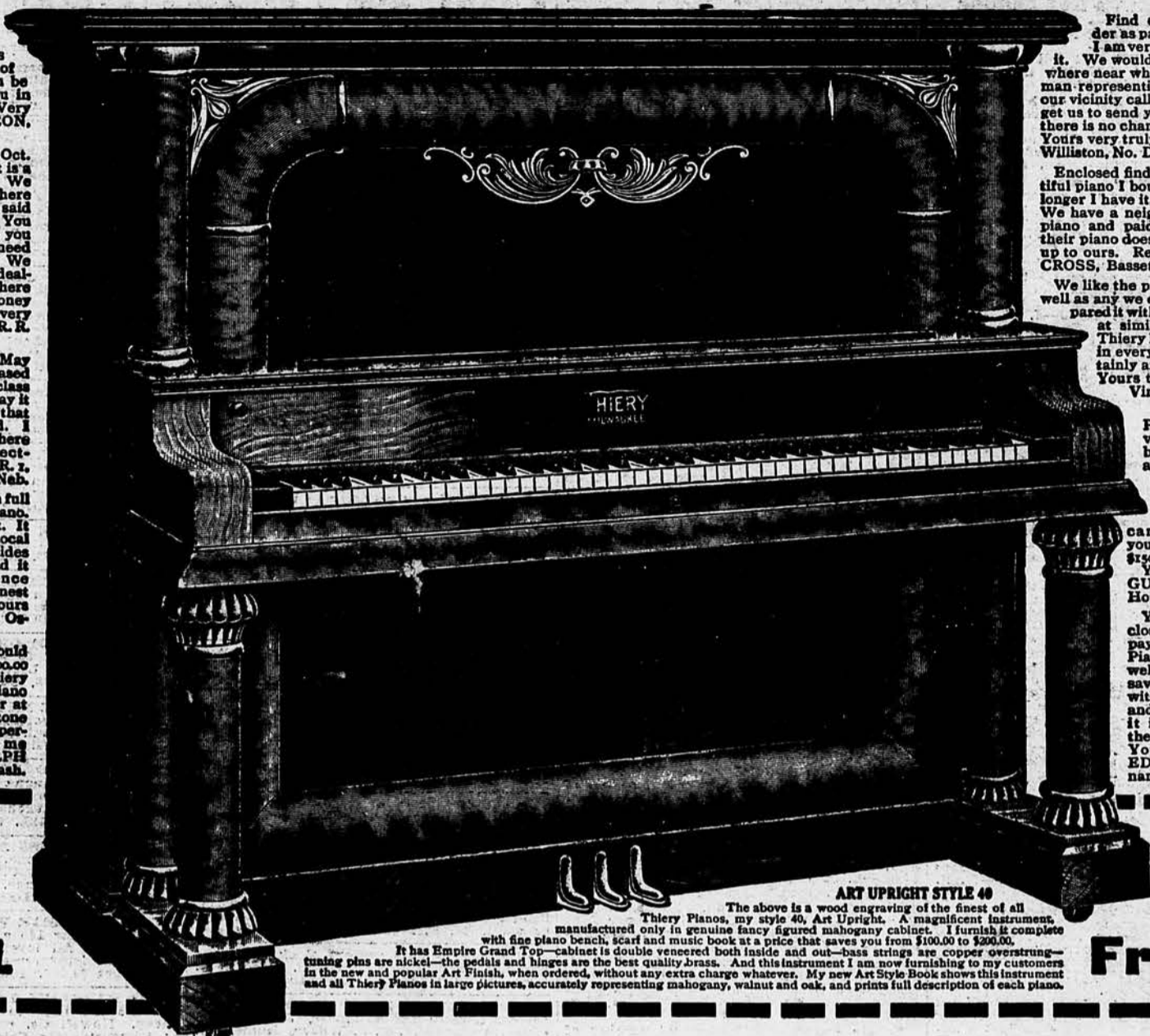
You will find enclosed check in full for the piano you sent me sixty days ago. The piano is the finest in this part of the country, and if I can be of any assistance to you in the future just say so. Very truly yours, J. T. DUDGEON, Teriton, Oklahoma.

We received the piano Oct. 6th in good condition. It is a beautiful instrument. We had a piano player out here to try and test it and he said it was a wonderful piano. You told me the truth when you wrote me I would not need the thirty days trial. We saved at least \$150.00 by dealing with you instead of here and you can expect the money in a few days. Yours very truly, FRANK WEBER, R. R. 19, Dyersville, Iowa.

We received the piano May 20th and are greatly pleased with it. Several first class players tried it, and all say it has a very fine tone, but that the finish is unsurpassed. I could not get its equal here for \$500.00. Yours respectfully, JOHN TILFORD, R. 2, Box 24, North Platte, Neb.

Find enclosed check in full for the style 40 Thiery Piano. I'm much pleased with it. It beats all the pianos our local agents handle, and besides costs \$100.00 less. I had it insured and the insurance agent said it was the finest piano he had ever seen. Yours very truly, H. BEHN, Osborne, Iowa.

A piano as good as this would cost me from \$600.00 to \$700.00 here in town. The Thiery Piano is better than any piano could possibly be sold for at so low a figure. The tone and workmanship are perfect. You have saved me \$200. Yours truly, ADOLPH WAGNER, Reardan, Wash.



Find enclosed money order as payment on the piano. I am very much pleased with it. We would not sell it for any where near what we paid for it. A man representing a piano house in our vicinity called here and tried to get us to send your piano back, but there is no chance for him to do so. Yours very truly, W. H. BENELL, Williston, No. Dakota.

Enclosed find draft for the beautiful piano I bought from you. The longer I have it, the better I like it. We have a neighbor who bought a piano and paid \$200.00 more and their piano does not begin to come up to ours. Respectfully, MRS. J. CROSS, Bassett, Nebraska.

We like the piano you sent us as well as any we ever saw. We compared it with agents' pianos here at similar prices and the Thiery Piano is much better in every respect. They certainly are just as advertised. Yours truly, JOHN EBLE, Virgel, Kansas.

We like the Thiery Piano you sent us very much. It is a beautiful instrument and all who see it think it is just grand.

We saw a piano sold here the other day at \$500.00 that can't compare with yours and we paid you \$350.00 less money.

Yours very truly, E. GUSTNER, R. F. D. 1, Hopkins, Minnesota.

You will find draft enclosed for \$30.00 as first payment on the Thiery Piano. I certainly am well pleased, and I have saved money by dealing with you. My neighbor and music teacher say it is the finest piano they ever played on. Yours respectfully, EDNA DEBOLT, Putnam, Oklahoma.

30 DAYS FREE TRIAL

I Pay the Freight

The above is a wood engraving of the finest of all Thiery Pianos, my style 40, Art Upright. A magnificent instrument, manufactured only in genuine fancy figured mahogany cabinet. I furnish it complete with fine piano bench, scarf and music book at a price that saves you from \$100.00 to \$200.00. It has Empire Grand Top—cabinet is double veneered both inside and out—bass strings are copper overstrung—tuning pins are nickel—the pedals and hinges are the best quality brass. And this instrument I am now furnishing to my customers in the new and popular Art Finish, when ordered, without any extra charge whatever. My new Art Style Book shows this instrument and all Thiery Pianos in large pictures, accurately representing mahogany, walnut and oak, and prints full description of each piano.

Cheap Pianos are like cheap watches—and just as bad. They're merely good looking cases—with the inside quality left out! No chance to be satisfied with a piano like that—the odds are all against you! Send today for my new 1913 Art Style Book of Thiery Pianos—Quality inside and out—and "Nothing to Pay For But Quality" when you buy one! No Agents—Two or Three Years Time to Pay if you don't want to pay cash—Ship Back at My Expense if you are not more than pleased.

Those who have already received my new 1913 Art Style Book, say it is the finest and most beautiful book of pianos ever printed;—it comes

FREE

postpaid, if you will just send me the coupon below.

Be sure and mention on coupon whether you want the Piano Style Book or my Organ Book.

A number of years ago, when I decided to sell Thiery Pianos direct to the home—a man from South Dakota wrote for a copy of my little catalog, and in his letter said, "If you sell your pianos through agents, don't bother about sending catalog, because I won't buy that way."

The next day a man from Iowa wrote for my book and said, "This town is just full of ordinary, every day pianos. I want something different and better, and if you've got it, I'll buy direct from you."

And the hundreds of homes that are writing to me now for my newest Style Books are doing so for the same reason that these two men wrote to me eight years ago, and that reason is to get a real quality piano with the fancy prices and fancy profits left off.

My new Style Book is the finest piano book ever printed. It is interesting from cover to cover and if you are going to get a piano now or in the future, get this book and note my buying plans and Straight-to-You-Prices.

Any Thiery Piano you want is yours, direct to your station, freight prepaid—no deposit to make—no advance money—simply choose the piano you want and I'll ship it to you at my expense and when the thirty days trial is up, if, for any reason in the world, you don't want to keep the piano, just ship it back at my expense.

My thirty days trial is a real free trial—it is just exactly as I advertise—it is yours to take advantage of and convince yourself before you pay a penny that Thiery Pianos are exactly as represented.

But you won't even need the thirty days trial, although it's yours just the same. Before you have a Thiery Piano a week, you will decide to keep it.

Mr. Frank Weber, R. F. D. 19, Dyersville, Iowa, writes to me as follows: "We received the piano Oct. 6th. You told me the truth when you wrote and said I would not need thirty days trial. We saved at least \$150.00 by dealing with you instead of here, and you can expect the money in a few days."

If you are not cash buyer, I will give you from two to three years time to pay me, a hundred and one different plans of payment to choose from—one of them surely will suit you. Quarterly, Semi-Annual or Yearly payments if you want them—not simply the much advertised monthly payment plan. My special letter tells you all about them.

And any Thiery Piano you buy is fully warranted against any defect in material or workmanship as long as you keep the instrument. You could not write a stronger guarantee yourself.

Here are some new features about the new 1913 Thiery Pianos. They have polished brass pedals, hinges and trimmings. They have Empire Grand Tops. They have nickel plated tuning pins. The bass strings are copper overstrung. They all have ivory keys, not celluloid or imitation. The cabinets are all double veneered both inside and out in genuine mahogany, genuine burl walnut and the finest English oak, nothing imitation about them. And without any extra charge, you can have any Thiery Piano you want in the new and popular Art Finish if you so desire.

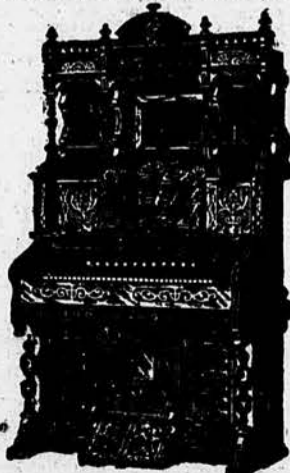
Thiery Pianos have quality points that you don't find in any cheap pianos. They are always up to the minute in design—they are the greatest values offered direct to the home today. Just fill out the coupon below and send it to me at once and my Style Book will come to you postpaid, also special letter with straight-to-you prices. Don't consider a deal elsewhere or even think of buying from an agent or any other house until you get this book and plans.

Special Christmas Offer!

Any Thiery Piano you want right now, freight paid and no present expense to you whatever. In other words, your choice of Thiery Pianos in your home without delay and nothing to pay down at all until after the Holidays. You can invest your ready money in other articles for the Christmas season and have a Thiery Piano just the same and I'll arrange to make your first payment fall due in January or the fore part of February.

Do You Want an Organ?

Thiery Organs are the real "music-makers" of all organs. 12000 sold direct to homes in the last two years. My Style Book of Organs, printed in colors, shows and tells all about them. 30 days trial and test in your own home—ship back at my expense if you are not more than pleased. No money in advance—from one to two years time to pay if you are not a cash buyer. \$2.50 per month and up buys one. Choice of parlor, chapel and piano-case styles—at a saving of \$25.00 to \$50.00. If you want an organ, send coupon now and receive new Style Book free by return mail. Be sure and mention on coupon whether you want piano or organ book, so I can send the right book.



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THE PIANO AND ORGAN MAN

J. B. THIERY, The Piano and Organ Man, Milwaukee, Wis.—Without slightest obligation on my part, please send to me at once, postpaid, your beautiful New 1913 Style Book, with Special Letter, Net Price List and full particulars of your 1913 buying plans and offers, as advertised in Farmers Mail and Breeze

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