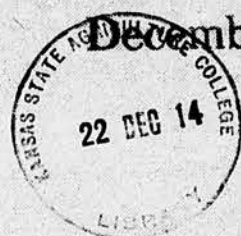


THE FARMERS MAIL AND BREEZE

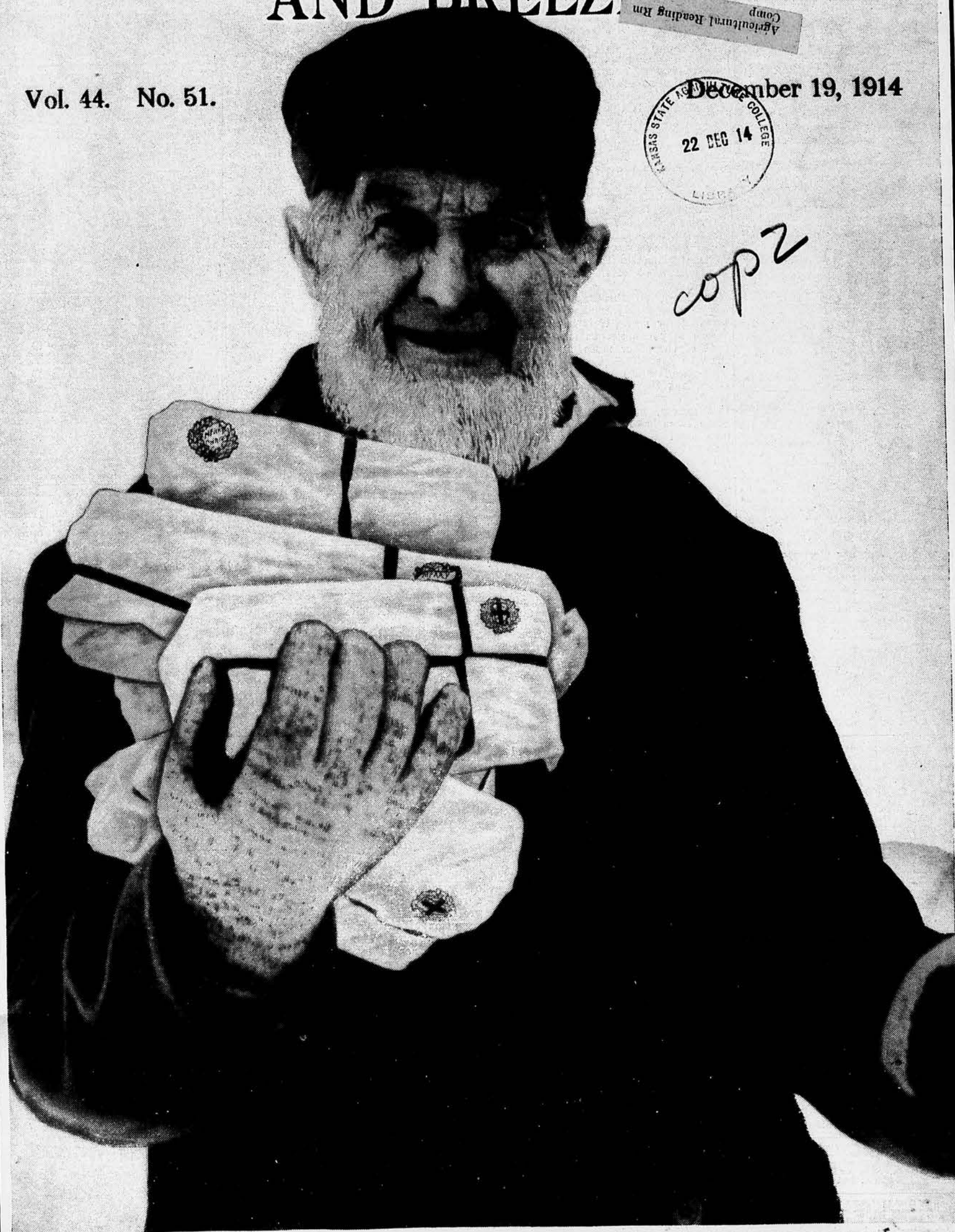
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December 19, 1914

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JUST ABOUT FARMING

YOUR fall pigs will not be thrifty and profitable unless you give them good feed and good shelter. Pigs raised in the fall and winter are much more likely to be stunted than those raised in the spring and summer. Many a boy has wondered why the pig his father gave him in the fall looked rough and unthrifty all winter and did not grow until spring.

There is plenty of sunshine, warm weather, and fresh green grass in the spring. Conditions, then, are ideal for rapid growth and cheap gains. Fall pigs must make most of their growth on dry feeds, during cold weather, when the sunshine is limited. The only way to make them profitable is to overcome these natural disadvantages and provide conditions as much like those of spring as possible.

There are several feeds which can be used during the winter months to take the place of the spring pastures. The more important of these are good alfalfa hay, skim milk or buttermilk, tankage or meat meal, and linseed meal. All these furnish muscle or growth producing materials which are lacking in corn, the feed most often given to pigs in winter.

Bright, green alfalfa, if it is not too coarse and woody, makes a good winter feed for pigs. If it is fed in racks, where they can get to it at all times, part of the other more expensive feeds may be saved. Pigs relish the alfalfa leaves and will eat a large amount of them, but they do not like the coarse, woody stems. The last cuttings, for this reason, make the best hog feed. Some folks have tried grinding the hay into meal and feeding the meal in a slop with other feeds. This method saves waste but the extra gain made usually does not pay the cost of grinding. The woody stems, even when ground, make the ration too bulky if a large amount of the meal is fed.

The pigs will not make much growth if you try to raise them on alfalfa hay or meal alone. While you probably will not want to fatten or finish them for market until spring they will need a liberal allowance of grain to keep them thrifty and growing. Corn and alfalfa make a good combination. Cheaper gains may be obtained by the use of both these feeds than with either alone.

While corn and alfalfa often make the cheapest gains, they are not always the most profitable. Some other feed which supplies more growth material in less bulk is needed, in addition to the alfalfa, to supplement the corn. One lot of shotes was fed on a mixture of corn, shorts, and tankage; and another similar lot of shotes was fed on corn alone at the Kansas Experiment station in the summer of 1911. Both lots had free access to good alfalfa pasture. The shotes fed the shorts and tankage not only made faster and cheaper gains during the growing period, while they were on pasture, but they also made faster and cheaper gains during the fattening period, when both lots were fed the same grain ration in dry yards. It is only reasonable to assume there would have been a still greater difference in favor of the hogs fed shorts and tankage if they had been given alfalfa hay instead of alfalfa pasture during the growing period. The amount of alfalfa the pig or growing shote can eat does not supply enough of the material lacking in corn for the animal to make the most rapid growth. The growing period must be prolonged or the pig does not develop enough frame to make the best gains when put on full feed.

If you live on a farm where several cows are milked, it may be more profitable to feed skim milk and buttermilk instead of shorts and tankage. This is true especially if the milk cannot be sold for more than 15 or 20 cents a hundred pounds. The pigs ought not to have more than 3 pounds of milk for every pound of corn. Pigs will overload the stomach if they are fed too much milk. This simply causes waste and indigestion. Feeding ground feeds in a very thin slop will have the same effect.

The best ration to use will depend on the relative prices of feeds. A mixture consisting of 60 per cent corn, 35

per cent shorts, and 5 per cent tankage with all the alfalfa the pigs can eat probably will give as efficient results as any that can be fed. Such a ration, however, may not be the cheapest under all conditions.

The best feed will not give satisfactory results if good shelter and clean quarters are not provided. Did you ever notice that pigs which run with older hogs in winter often have coughs and that their hair appears harsh and rough? They get too hot in the beds at night and cool off quickly in the morning. This causes them to take colds which often develop into pneumonia. They often, in addition, are crowded away from the feed troughs and do not get enough to eat. Such pigs are the first ones to get sick when there is a chance for disease. If they do not die they are unthrifty and generally eat more feed than they are worth during the winter.

You have seen pigs steaming when they come from the beds on cold winter mornings. This happens because too many are allowed to sleep together. They get too hot in the night and cool off too quickly in the morning. Colds and pneumonia are the result. Poor shelter, drafts, insufficient bedding, and damp beds have the same effect. One of the most frequent causes of loss is the failure to provide good, warm beds during the first cold weather of early winter.

Another frequent cause of loss is unclean quarters which furnish a place for lice and other parasites, and disease germs to harbor. Dipping the hogs in the late fall and early spring, and spraying them every two or three weeks during the winter with some standard dip will keep the lice away. Clean quarters will solve most of the problem of preventing worms and disease. If the pigs are kept clean and are given good shelter and feed they will be healthy and thrifty.

Apple Prices

There has been some discontent among Kansas apple growers in regard to the price of apples. The prices have been much lower than were justified, especially when it is considered that the middle western crop has not been especially large. It is no wonder that the growers are asking the reason for these low prices, when it is considered that there is a big demand for fruit in the cities and that the production from most sections is below normal.

Perhaps the main reason for these low apple prices is the fact that we have a remarkably poor system of reaching the consumer. This was especially impressed on a member of the editorial staff of the Farmers Mail and Breeze, on a recent trip to Chicago. He started out from the LaSalle hotel one night to buy some apples to eat, and the prices at the first stand astonished him. He thereupon visited most of the leading fruit stands in the main section of Chicago, and he found that they all agreed on one thing: all are making profits which greatly decrease the consumption of fruit, and thus the profits to the growers. The price of apples to the consumer is by far too high, and this is not caused by high prices to the producers, not by a whole lot. Our machinery of fruit distribution is very inefficient.

To guard against tree repair fakers, or quack tree surgeons, the Massachusetts forestry association will inspect the shade trees belonging to its members, free of charge. Kansas, also, ought to do this.

There is not much money to be made by selling our hogs at \$6.50 to \$7 a hundred pounds and buying bacon at 18 to 20 cents a pound. Why not keep enough hogs at home and save this extra cost?—J. W. W. Vesper, Kan.

Co-operation—working together—is coming because we are being driven to it. We work together in harvesting and threshing. Let us also work together in money matters—selling crops, buying machinery, food and clothing.—D. S. T., Protection, Kan.

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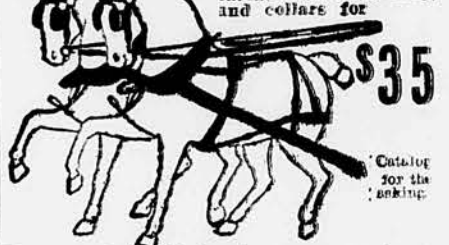
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THE FARMERS MAIL AND BREEZE

An Agricultural and Family Journal for the People of the Great West

KANSAS STATE COLLEGE
22 DEC 14



Volume 44
Number 51

TOPEKA, KANSAS, DECEMBER 19, 1914

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Christmas By FANNIE A. WILKES Candles

[By arrangement with S. E. Cassino Co.]

THE play house stood across the way from Mr. Sweetapple's grocery store. It nestled beside a little knoll on top of which a sturdy spruce tree grew. The tip of the spruce reached the top of the play house roof, and the tree spread out its arms and protected the little cottage from the cold north wind.

Back of the play house, a short distance away, loomed the hospital walls, grim and gray, and here the mistress of the play house went often to carry the clothes which she washed and ironed for the nurses.

The play house was built years ago for Mrs. Richbody's children, and years ago, too, Jennie Post worked in Mrs. Richbody's kitchen. When the play house had outgrown its usefulness, and Jennie had outgrown hers, for she became quite deaf, they were sent away together with Toys, the little dog, and Colleen, the big doll which Jennie had won in a guessing contest. And they all lived happily together beside the sturdy spruce tree.

Twice a week Jennie went to the hospital to fetch or carry clothes in a big brown basket, and twice a week she went to Mr. Sweetapple's store with a small white basket. Whether she went with the big basket or the small one, she always carried a black ear trumpet swinging from her arm.

"You do the clothes beautifully," the nurse would shout into the trumpet, and as likely as not Jennie would reply, "How often did you say?"

Or Mr. Sweetapple would call into the black depths, "Five cents for six rolls when they're not quite fresh." Whereat Jennie would gasp, "Five cents apiece, Mr. Sweetapple?" Then the kindly grocer would repeat it until the old lady really understood.

Though Jennie seemed so deaf to human beings, she heard more than the nurses or Mr. Sweetapple ever thought of hearing, for Jennie heard what Toys, the dog, and Colleen, the doll, said, quite distinctly.

One day, about a week before Christmas, Jennie returned from the hospital full of news. "Toys," she cried, "I saw a little sick girl today."

Toys looked up quickly. "Wuf?" he said, which meant, "Very sick?" He came close up to the old woman's knee.

"Very sick," answered Jennie, the black trumpet swinging idly by her side. "And just think of it, Colleen, the little child begged to see the old woman who lived in the play house."

Colleen, from her seat on the corner shelf, fixed her round blue eyes upon Jennie and whispered, "Did they let you see her?"

"They let me see her," echoed Jennie, "because she cried so. I've never had anyone cry for me before," said the old woman, and smoothed her white hair, which the knitted hood had mussed a trifle.

"Poor little wee thing," crooned Jennie after a moment. "She said she could see the play house from her window and the spruce tree standing guard. She was so eager to have me tell her about you, Toys, and about Colleen."

"What did you tell her, and what did she say?" cried the dog and the doll with one voice.

"I told her what good company you were, and what a help at keeping house, and she said, 'Tell me more, more, please. I can see a little from my bed and I love to pretend that I am you and live in a play house.' Isn't that the most wonderful thing you ever heard of? She pretends she is old Jennie Post!"

"I wish I could see the little girl," sighed Colleen.

"Christmas will soon be here," said the old woman, "and I shall make you a coat and a bonnet and take you to see her on Christmas Day."

"Wow," wailed Toys, "what about me? Mayn't I go?"

"They won't allow little dogs in the hospital, Toys, but perhaps some day when she is quite

well you shall see her too." And Jennie got up from the tiny chair and hung her cape and hood up behind the stove.

The light had grown dim in the play house, and Jennie lighted a candle and put on the tea-kettle to boil. She took out a loaf of bread and a bit of butter, and placed them on the table.

"Here is a bone for you, Toys, with Mr. Sweetapple's compliments, and here is a bit of bread and milk. Colleen, come to the table, my dear! It makes it seem so much more like a family."

The next morning, after Jennie had tidied up the house, she brought out a piece of cloth from a box which she kept under her cot, and began to make a little coat. First she cut, and then she basted, and then she tried it on Colleen.

"It fits beautifully," said Jennie happily, and sewed briskly away in her chair beside the window.

"Shall we trim it with braid, and put these fancy buttons on, Colleen?" Colleen gazed with round-eyed wonder at the buttons and then fell against Jennie in an ecstasy of delight. Stitch, stitch, stitch, snip, snip, snip, and at last the coat was done.

"It's beautiful, Jennie dear," sighed Colleen, "but you look tired to death. Leave the bonnet for another day."

"I'm not a bit tired. I love to make little garments. It gives one such a family feeling," said the old woman, and got up to set the table for three.

After the dishes were washed and the floor swept clean, Jennie brought out a bit of plum-colored velvet, and a tiny scrap of gold lace. First she cut a paper pattern, and then she tried it on Colleen's golden head.

"It fits beautifully," said Jennie, and sewed away in the chair beside the window. But she could not finish the plum-colored bonnet that day because she had no ribbon for strings, so she laid it aside.

The next morning Jennie went to the hospital to call for the soiled clothes. When she returned she found Toys waiting for her at the door, and Colleen nearly falling from her seat on the corner shelf in her eagerness to hear the news.

"Did you see the little sick girl?" they asked.

"Yes," sighed Jennie, putting down the big brown basket. "The little thing was determined to see me, but the nurse said I mustn't stay more than five minutes. I told the child about the coat and bonnet I made for you, Colleen, and she said she could hardly wait for Christmas day. The poor little bairn, with tears in her eyes, said to me, 'Just think, I can't have a Christmas tree this year, and I always love a Christmas tree better than anything else.' 'So do I,' I told her. Then I thought of something that I could do for her and whispered it in her ear. She said, 'Oh, how lovely!' and put her little arms around my neck and kissed me right here. I feel it yet," murmured Jennie, "so soft and sweet. The nurse called to me quite sharply and said I had stayed six minutes and a half, but the child held me long enough to whisper, 'I'll watch for it, Jennie, dear!'"

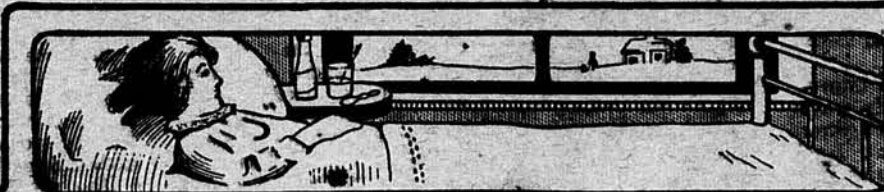
"And what was it that you whispered, Jennie? Aren't you going to tell us?"

"Yes, yes, come here both of you and I'll whisper it in your ears."

All the next day Jennie bent over her wash tub. Rub, rub, rub; swish, swish, swish; and ere-a-k groaned the wringer, and soon the clothes hung in a dazzling white row upon the line.

It was the day before Christmas that Jennie carried the clothes to the hospital. From the hospital she went to Mr. Sweetapple's and bought gold, and silver, and red, and green balls, besides sparkling ornaments of every kind. Last of all Jennie bought two dozen Christmas candles, with holders, and then home with three stale rolls and a bit of milk for her Christmas dinner.

As soon as the light had
(Continued on Page 14.)



DEPARTMENT EDITORS
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Entered as second-class matter Feb. 16, 1906, at the postoffice at Topeka, Kansas, under act of Congress of March 3, 1879.

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Passing Comment—By T. A. McNeal

The Torrens Land System

Last week I promised to write something for this issue on the Torrens land system. The fact is however, that it is a little bigger question than I anticipated and I have concluded to give it more study before writing much about it. It has enthusiastic advocates and then there are others who insist that it has not proved satisfactory where tried. I want to go to the investigation with open mind. Certainly our present system of transfers is very cumbersome and expensive and ought to be simplified in some way.

I am not yet prepared to give an opinion as to whether the Torrens system is the right way or not.

Kansas Fish Culture

If you are interested in fish culture it will pay you to send two postage stamps to State Fish Warden, L. L. Dyche, and ask him to send you his last bulletin.

Prof. Dyche is by all odds the most famous hunter and fisher in Kansas. What he doesn't know about the habits, family history and home life of fishes is hardly worth knowing. The bulletin is written in a simple, charming style that makes it interesting reading even to the man who doesn't pretend to know or care much for fish.

There are a good many people I imagine who believe that our state fish hatchery doesn't amount to anything worth while and that the money that has been spent on it has been largely wasted. To tell the truth I was largely of that opinion myself until I commenced to read the bulletins gotten out by Prof. Dyche. I have changed my mind. I now believe that the state hatchery is doing a good work and that it will do still better work if it is kept out of politics and under the direction of Prof. Dyche.

There ought to be a dozen fish ponds in Kansas for every one there is now. What a few farmers have done in the way of raising fish nearly every farmer could do if he would give some time and study to the subject. This bulletin shows that a good pond can be made at small expense on practically every farm in Kansas.

Down in Pratt county for example, a farmer by the name of Sam Bailey has made a pond at an expense of \$25 that holds sufficient water to irrigate three or four acres of ground on which trees and all sorts of vegetables are grown in great abundance. The water to fill the pond is all furnished from a windmill pump. What Mr. Bailey has done practically every farmer who owns his land can do. It would largely settle the question of living out in western Kansas. The pond would not only furnish all the fresh fish the farmer and his family wanted to eat but would furnish water to irrigate enough ground to supply the family with fruit and vegetables. The driest season couldn't starve out a family fixed that way.

Another thing that pleases me with this bulletin is that it places my old boyhood friend the "bull head cat-fish" in a place of honor. As bull heads were about the only kind of fish I ever had any luck in trying to catch I am pleased to know that they are given honorable and extensive mention and that Prof. Dyche is propagating them at the state hatchery and distributing them over the state.

I always did claim that no better tasting fish ever grew than the old fashioned "bull head" but these fancy fishermen turned up their noses and looked on me with disdain when I commenced to discourse on the excellencies of the humble "bull head." They claimed that the "bull head" had no game instincts and that it was no credit to catch him. I could retort that there was this at least to be said for the "bull head," he never was fool enough to bite at an artificial fly.

You can fool the aristocratic trout and the world-famed bass with a contraption made out of wire and feathers but the "bull head" is not deceived by any such subterfuge. You must at least tempt him with real food, such as fish worms or liver or maybe a hunk of cheese. And furthermore, you had better cover up the hook if you want to get him.

He is called a "mud cat" but the general impression that he likes to live in stagnant, muddy water is a mistake. He hunts the cool shady place where the roots of the tree growing by the bank reach out over the water. He likes the still quiet pool but he wants good pure water if he can get it.

4 (1640)

He is hardy and if forced to do so will accommodate himself to waters that are rather stagnant but that is not his choice. Furthermore, while he is not a cannibal like the bass, he is able to take care of himself pretty well. His sharp horns were not given him for nothing.

Finally, a well fried mess of "bull heads" is a feast fit for the gods. Tastes differ but for my part I rank the flesh of the "bull head" with the flesh of the aristocrats among the fishes.

Interest in the Money Question Growing

At a meeting of the Topeka Industrial Council last week Prof. M. V. Rork was invited to talk for a few minutes on the subject of money without interest. At the end of his address the council unanimously voted for a resolution of endorsement and recommended the professor to all organizations of whatever kind whose members want to be informed on this question.

Mr Rork has made a study of economic problems for many years, but his especial interest is in the question of money. So if you have an organization of any kind that is interested in this question you had better correspond with Prof. M. V. Rork, Topeka, Kan. He is a clean-minded, scholarly gentleman and while he is getting up in years, he still has as much vigor as many a man who is thirty years his junior.

Money—Its Function

A very honest, and speaking generally, intelligent reader of the Mail and Breeze, thinks that I have become a fiatist; that I have embraced the erroneous theory that values can be created by law and that the government can by its edict make something out of nothing.

It is my opinion that the advocate of government currency issued and circulated without the intervention of privately owned banks, finds that the strongest objection he has to overcome is the general impression that he is urging that the government undertake to create wealth by statute.

The government cannot make something out of nothing and no intelligent person thinks so. The government can by law create special privileges that give certain persons and corporations great opportunities to secure wealth created by nature or by the labor of others, but wealth is not created by statute and I hardly think that any well informed person argues that it is.

Money is not and should not be considered as real wealth at all but merely as a convenient medium by which real wealth may be exchanged. That this is about the only legitimate use for money may I think, be illustrated in this way: Suppose that an individual were supplied with everything that he could possibly need or use in the way of food, clothing, luxuries, furnished house, means of transportation to any place he wished to visit, necessary assistants, etc., furnished without cost to him, he would have no possible use for money of any kind, either gold, silver or paper. And on the other hand, no amount of money would be of the slightest use to him unless he were able to exchange it for those things which contribute to his bodily and mental comfort and pleasure which do constitute the real wealth of the world.

I do not argue that the government can create value by law but as the common agent of the entire people it can establish a medium by which values can be exchanged.

The truth is that the necessities of commerce have forced us to create an artificial medium of exchange in the way of notes, checks, bank drafts, etc., and by means of this kind of exchange considerably more than nine-tenths of all the business of the country is transacted. Some of these drafts, checks, etc., are redeemed in cash, an almost infinitesimally small per cent of them in gold, but by far the larger part of them are used as mediums of exchange directly and entirely and perform all the proper functions of money until they finally return to the place of issue and are there cancelled.

Without this artificial medium of exchange it would be almost impossible to transact business. The supply of actual money, which by government edict has been restricted to gold, all other forms of cash being redeemable in gold, is utterly inadequate to carry on the necessary exchange of wealth. So

we create the business fiction that all these mediums of exchange can be redeemed in gold.

That is a lie and every man of any business sense and who is possessed of a moderate amount of information knows it, but we not only cling to the lie but call it honest and glorify ourselves because our financial system is based on a manifest falsehood. Any financial system based on a falsehood is not only dishonest but dangerous and the truth of that has been repeatedly demonstrated.

It is frequently proclaimed, especially by bankers, that the people can get gold if they want it. That is false. The people it is true, do not often want gold for the good reason that other mediums of exchange are more convenient but when the times come, as they do periodically, that the people do want gold, they cannot get it. This fact creates a great temptation to hoard gold. Whenever there is a period of distrust the hoarding of gold commences and continues until confidence is restored. Not only is the gold itself hoarded, but the gold certificates go into hiding also and as a result the volume of money in use is greatly restricted just at a time when it is most needed.

These periods of fear are succeeded by periods of over-confidence when the volume of artificial mediums of exchange, all promising redemption in gold, is vastly increased, causing a feverish and unhealthy financial condition which finally culminates in another financial crash with all its attendant misery.

If we could get the idea out of our minds that money is wealth and could get our government to inaugurate a system based on the correct theory that the only proper function of money is to facilitate the exchange of wealth embracing those things that are necessary to the comfort and well being of the people, the hoarding of money would almost if not entirely cease, the burden of interest would be lifted and commerce would be released from the fetters that bind it now.

Restrictions of Trade

If it were possible to establish perfect freedom of exchange of wealth—I mean by that those things that are necessary for the well being and comfort of the inhabitants of earth—most of the poverty and misery that now afflict the earth would cease. The trouble is that on every hand this exchange is hindered and retarded and generally with one object in view—that profits may be made out of the transactions.

The vast difference in the amounts received by the original producers of wealth and the prices paid by the ultimate consumers show the faultiness of our present system of distribution. As a result of this enormous and unnecessary cost of distribution many go hungry and half clothed and live in desperate poverty while vast amounts of food and products that should be turned into clothing go to waste.

Supposedly wise writers on political economy have fallaciously argued that starvation is the result of over population and war has even been called necessary in order to relieve the world of its excess population. For a long time a great many people conceded this to be true without taking the trouble to ascertain the facts.

The truth is that even in those countries where poverty is most common and starvation so general as to excite little comment, investigation has shown that there are vast areas of land lying idle for want of cultivation. We are prone to speak of the teeming millions of China. There are a good many hundred million Chinamen it is true, and it is also true that thousands upon thousands of these Chinese men, women and children starve to death. Every season an army of these unfortunate people dies for want of food and yet there are hundreds of thousands of acres of land lying idle in China which are capable of sustaining the millions who starve and sustaining them well. The same thing is true of India where want and misery and starvation are common.

In these countries there are two things lacking: The first is, a knowledge of how to make the land produce, coupled with a lack of implements and machinery with which to cultivate the land and care for the crops and the second, a lack of facilities for exchanging the products after they are produced.

The world is fully capable of sustaining in comfort all of its present inhabitants and a good many

more. The trouble is that the selfishness and greed and ignorance of mankind have so hindered and restricted the production and distribution of products that more than half the people of the world live all the time in dire poverty, a large per cent are never more than a step or two ahead of actual starvation and a large number actually starve.

All of this want and misery and actual starvation is necessary. With an intelligent system of production and distribution in the world there is no need for any man, woman or child to go hungry or unclothed.

Now does it not occur to every sensible, right-thinking man and woman that it would be vastly better for the world if the best talent and energy of mankind were used in a concentrated effort to solve the problem of how the world might be made to produce sufficient food and raiment to provide for the comfort of all the people than that the best talent should be used, as now, in providing means by which the lives of people may be destroyed, their means of living cut off and their poverty and misery increased?

There is plenty of evil in the world to overcome to call for the best energy and fighting blood there is. There are a thousand natural foes to life and health and happiness and the accumulation of real wealth that might be overcome. Some of these foes have been conquered already and the conquering called for as great and I think greater courage than was ever displayed on field of battle.

The men who sacrificed their lives demonstrating that yellow fever was caused by the bite of a certain kind of mosquito will never get the prominent place in history that is occupied by noted warriors whose fame rests on their ability to organize and direct the forces of destruction; but they are greater heroes than any warrior.

Scientific knowledge and well directed, systematic energy engaged in a fight with the forces of disease and death in Panama and won the battle. From the most unhealthy region in the world that has been made one of the most healthful. What has been done there in combatting the forces of disease, poverty and death can be done everywhere else. Oh, there is plenty of opportunity to fight the forces of poverty, of evil, of injustice, without wasting our energies in trying to kill our brothers.

Why He Did Not Vote

Editor The Farmers Mail and Breeze—In your issue of October 31, under the heading, "Vote Intelligently and Independently," you say that every reader of the Mail and Breeze who is qualified to vote should do so if possible. Well, I did not vote, yet I am a strong Capper man and love the old Mail and Breeze.

Before you closed you gave my reason for not voting. In the first sentence you say, "It seems to me we have too much partisanship and too little intelligent thinking." In this you were certainly right. Many men vote with apparent blindness; without weighing the measures for which they cast their votes and in this way become strict party voters.

You say you heard a man say that no man could be successful in politics and be honest. While that statement is not absolutely true it borders too closely on the facts. You also say, "If this man's statement is true then Democracy is a colossal failure." This need not be true. If our whole system could be changed; if we could bring about a true co-operative system and by that means get rid of the curse of competition, all of these evils would cease to be. The great majority of politicians spend their time trying to blind the eyes of the masses. As long as they do this they cannot be honest.

For years the tariff was made the bone of contention between the two great political parties, simply to blind the voters. The Democratic speakers talked free trade, but I never saw a real free trade Democrat. The Republican speaker tried to make the voter think that the importer paid the tariff and that it did not concern the consumer. Were they honest? Nay, nay, verily they were not. Their whole intention was to mislead the voter.

Can it be possible that the majority of congressmen were honest when they passed the banking and currency law? Is it honest to place the financial control of the country in the hands of seven men who are of the same political mind, as the president has done?

The two old parties have changed back and forth with great promises, but have they ever lifted a single burden from the backs of the producers? I think not.

Mr. Wilson's talk about the big interests is on a par with the trust busting jingo we had from another direction some time ago.

Both parties have given us to understand that they were opposed to special privileges, but just as soon as they got into power they handed the people a lot of class legislation and yelled, "Watch us help the producer." Instead of helping the producer they have helped themselves to the product.

Give us honest and not class legislation. Give us true co-operation and cheaper money issued direct to the people on good security. If they will do that I will believe what they preach.

Glade, Kan.

D. W. STEVENS.

The Bourbon County Rebellion

Editor The Farmers Mail and Breeze—The 111 district school houses in Bourbon county having been fumigated more or less by the county health officer, the bills, \$5 to \$14 each, were duly presented to the district boards for payment. Meetings were held in the different districts and resolutions adopted protesting against these bills and denouncing the work. The wording of these resolutions was used as the basis for a libel suit for \$20,000 brought by the county officer against the three men who acted in official capacity at this

meeting and signed the resolutions. Thereupon a mass meeting was called which was attended by 80 or 90 district boards.

A permanent organization was formed and able counsel engaged to defend the district officers. The attorneys employed are J. J. Sheppard, the noted Socialist lawyer and secretary of the People's college at Fort Scott, E. C. Gates and A. M. Keene, our member of the legislature from this 18th district.

This organization is resisting the payment of the fumigation bills and demands the discharge of the health officer by the county commissioners. At the same time the organization stands together to help defeat the libel suit against the three men who signed the resolutions.

Resolutions were also adopted in opposition to the "county unit" system as proposed by the Teachers' association and any appointive system of school officers, demanding that our schools be left under the management of the local district boards and patrons who pay the taxes and furnish the pupils. Threats were made to close the school houses until the fumigation bills were paid but so far no school houses have been closed and no bills paid.

We do not know what the morrow will bring forth nor what the final outcome will be before a jury.

We have killed the Barnes law twice and the tax amendment once and are going to buck the county assessor when it comes to a vote.

Bourbon county has six subordinate granges and every man and woman is a live wire in his or her neighborhood. Membership is increasing by great bounds and new granges are being organized everywhere. Supplies are being purchased at a great saving. We interviewed our member of the legislature in an open grange meeting stating our grievances and our demands which he promised to work for and also asked for further instructions in needed legislation. The member from the 19th district, William Campbell and Senator Davis, both members of the grange together with A. M. Keene of the 18th district make a team which will be watched with interest during the next session of the legislature.

If all representative districts are as well represented the farmers will not suffer on account of any jokers in the laws passed this winter.

GEORGE PURDY.

Fort Scott, Kan.

A German Complains

Editor The Farmers Mail and Breeze—Commenting on Mr. Shambaugh's article in the Farmers Mail and Breeze, I must say that I cannot agree with him on either proposition. In the first place I do not believe that you are entirely fair either with the German nation or the American German.

At the beginning of the war you led your readers to believe that the German emperor was guilty of the heinous and infamous crime of ordering Liebknecht and 100 of his Socialist followers put to death for voting against the war in the Reichstag. True, you said that it was a report but you commented on it as if it were a fact, stating among other things, that "Liebknecht and his followers may not have died in vain."

The secretary of state, Mr. Bryan, investigated this report and wired the leading Socialists of Chicago that it was untrue. It has since developed that all the Socialists voted for the bill. No doubt you have learned the above facts long ago but did you ever rectify the mistake? Do you think that you acted fairly in commenting on such a report before you knew whether or not it was true? As to Mr. Shambaugh's opinion concerning the attitude of the American and German people toward this war, I believe he is both prejudiced and ignorant concerning the facts. Nearly all the war news from abroad has to pass through the hands of the British censor and he cuts out everything that is not to his liking, thus we have only one side of the story to date.

A few days ago I saw the picture of a mine that had been washed ashore labeled, "A mine placed in the North sea by the Germans to deal death and destruction." It did not go on to state that Great Britain, France and Russia were laying mines. In case of a naval war no doubt we would place a few ourselves. A whole lot is written to prejudice the minds of Americans against Germany. I am glad President Wilson suggested a discontinuance. I believe all the German people ask is fair, unprejudiced treatment; then when the war is over and both sides are told we will be in a better position to judge and be judged.

FRED SEIGLINGER.

Lone Wolf, Okla.

While I have not had time to examine the files carefully, my impression is that subsequently to writing the editorial referred to I stated that investigation showed that the report concerning Liebknecht and his associates was untrue. If I did not make such correction then the criticism of Mr. Seiglinger is just. The correction should have been made.

The truth is that the German Socialists seem to have cut very little figure in the present war. Prior to the war they did a great deal of talking and writing about peace and universal brotherhood but when the real test came they did nothing, so far as I can learn to prevent the war. I am not disposed to criticize them harshly for this because in order to correctly judge of men's actions all the circumstances by which they are surrounded must be both known and considered. Possibly they did all they felt they could do under the circumstances to prevent war. I do not know as to that. The fact is however, that they did not prevent it nor indeed do they seem to have had any influence one way or the other.

Here is a criticism written by a leading Socialist of the United States severely criticizing the German Socialists. The writer says:

History has never afforded to a large body of men so great an opportunity as that which the German social democracy has just thrown away. The responsibility for the catastrophe that has come upon the world rests with the German Socialist leaders as well as with the Kaiser and the Prussian military caste. They have known that Germany was preparing to dominate the world; they have known the pressure and the poison of the Prussian idea; and they could have prepared against this evil day.

German Socialists could have prevented the war, if they had had the will to act. Their failure is not due to their lack of power, but to a lack of

that moral force which is essential to the accomplishment of any great purpose or revolution. The failure is due to their taking counsel of their fears; to their following expediency rather than principle. They could have stopped every wheel in Germany, if they had decided so to do, and had been willing to pay the price. They could have made it impossible for the government to amass its armies along the French or the Russian frontiers.

Some of the leaders would have been shot; some would have been imprisoned; but the Kaiser could scarcely have slain and imprisoned 5 millions of his subjects. And those who so died would have died fruitfully, and would have glorified Socialism in the eyes of mankind.

Or, if the German party had not the courage to act, it at least could have refrained from voting the supplies for war; it at least could have condemned the action of the government. Instead of this, it has failed both positively and negatively.

It has bewildered and paralyzed the international movement. It has done its best to make the Socialist body a despicable thing in the eyes of men. And if the action of German Socialists is a revelation of the moral quality of the Socialist movement, then the world would be right in despising the whole of us forever. And the international movement can only redeem itself in the eyes of the world, and in its own eyes as well, by absolutely condemning the course the German party has taken. We must declare to the world that the German failure is not a failure of Socialism, but a failure due to the lack of Socialist faith and principle. It was the failure of a nominally Socialist movement to be true to the thing it professed.

I think part of the foregoing criticism is unmerited. The writer cannot put himself in the place of the German Socialist and therefore cannot tell what he might do if he were in such place. Much as I hate war and militarism and firmly as I believe that all wars are wicked and unnecessary, yet if this country were to become involved in a war with some other country my sympathies would inevitably and naturally be with my own country and furthermore, my opinion is that if I should be put to that test I would help my own country to the extent of my power. That perhaps is not consistent but then there is not much consistency in sentiment anyway.

A Hopeful Christmas

This is going to be a very hopeful Christmas for the man who is truly interested in his country's welfare. And a new year, big with possibilities of progress, is just around the corner.

In every direction the prospect pleases. We are about to take a great forward step toward national prohibition, better schooling and life preparation for the average child, better government, better courts, better law-making, better prisons and institutions, better welfare measures for humanity's sake.

In the Old World militarism is meeting its doom, at an appalling cost of blood and tears and suffering, it is true, but worth the sacrifice, if Reason is to rule the world and man-killing between nations be stopped henceforth.

It should be a cheerful Christmas for the American farmer. The Nation has begun to see clearly what is the matter with its biggest business—the farming industry—in which it has 40 billion dollars invested and on which it relies absolutely for the well-being and prosperity of every other business and institution in the land, including the most important of all business institutions, the American Home. Railroad presidents, statesmen, economists, financiers, well-informed farmers and the plain common people are now uniting in the demand that national and state legislation shall make possible a genuine, adequate system of co-operation farm credit, conducted for the benefit of the borrower.

There is plenty of precedent for this in European countries, which have had to work out this difficulty ahead of us.

The new Federal Reserve Act does not meet this situation. For farmers, provision is needed for personal credit, also for land-mortgage credit on the long-time principal-and-interest paying plan.

The average farmer doesn't need money to buy a farm so much as he needs small loans from time to time on his personal credit to better his farming. This would ultimately make it possible for him to become a land-owner. All farmers have to pay too high a rate of interest, and there is virtually no credit at all for the non-land-owning farmer. Often these men pay from 20 to 26 per cent to get funds with which to harvest their crops.

A noteworthy conference was recently held in Washington between representatives of state granges, the Farmers' Union, the agricultural press and members of Congress interested in rural credit legislation. The result will be a congressional investigation of the subject of personal credit by a commission of experts to report at the first regular session of the Sixty-Fourth Congress; also the organization of a Rural Credit league to continue the work of the conference and to conduct a campaign of education in regard to the importance of this phase of the rural credit problem. This conference agreed that personal credit and land-mortgage credit required separate systems and separate organization and should be considered separately by Congress.

As one of the projectors of this conference, I am glad to report the hopeful progress of its efforts and to notice in all quarters increasing appreciation of the importance of this legislation in its effect on the whole country—a big thing and a fine thing to chronicle at the end of the old year.

Arthur Capper.

Give the Boy Tools

Costs Little to Teach Manual Training in Country Schools—Things to Make

By George E. Bray, K. S. A. C.

THINGS that can be made with tools constantly are being required about the farm home and on the farm. Boys in rural sections should have an opportunity to learn in school how to construct these articles in a careful, workmanlike manner. The use of farm machinery is increasing, and by teaching boys the use of tools they will be better able to operate these machines, as well as to keep them in repair. It is true there are difficulties in arranging and providing for manual training in rural schools, but none that cannot be overcome.

First of all there must be willingness on the part of the regular teacher to undertake this work. Teachers are con-

as well as in teaching other subjects, it is especially helpful to have articles made which can be used in class and laboratory work. The construction of these articles should form a part of the manual training work in rural schools. For example, the school should be provided with a hotbed; this the boys can construct and have ready for spring use. After studying the subject of hotbeds and learning their value, it is probable that the boys will want to make one for home use also. Let them make the necessary parts at school, working carefully to dimensions, and then put the parts together at home. By using some of the cheaper quality of lumber, and by covering with muslin in case window sashes are not available, the material will not be expensive. Here are some of the articles that may be made.

A bench hook is one of the tools needed in woodworking, used when sawing short pieces of lumber with a back saw. The board to be cut is placed against the top bench hook shoulder, while the other shoulder rests against the front of the bench.

Material. One piece $\frac{3}{4}$ by 6 by 14 $\frac{1}{2}$ inches (white pine, cypress or oak).
One piece $\frac{3}{4}$ by 2 $\frac{1}{2}$ by 11 inches (white pine, cypress or oak).
Four 1 inch wood screws.

Bill of stock. Finished dimensions.
One piece $\frac{3}{4}$ by 5 $\frac{1}{2}$ by 14 inches.
One piece $\frac{3}{4}$ by 2 by 5 $\frac{1}{2}$ inches.
One piece $\frac{3}{4}$ by 2 by 4 $\frac{1}{2}$ inches.

Put glue on under side of one of the blocks, then place in position at end of board and put in one of the screws, after which square the block carefully to the working edge of board, and in this position put in the other two screws. Fasten the second block in a similar manner. After glue is dry cut the outside corners as indicated in drawing. This will prevent them from splitting.

Forcing boxes are used for forcing the growths of such vegetables as rhubarb and asparagus. The boxes are placed late in the fall or early in the spring, one over each plant. Barnyard fertilizer is placed around the boxes to prevent severe freezing of ground in winter and to warm the soil early in the spring. It is possible with these boxes to develop rhubarb from two to four weeks earlier than from plants not forced.

Boxes of this kind can also be used to advantage for protecting other tender plants.

Material. One piece $\frac{3}{4}$ by 12 by 42 inches.
One piece $\frac{3}{4}$ by 8 by 24 inches, cypress.
One piece of glass 13 by 13 inches.
A number of 8d. nails, 1 inch brads and 10 oz. carpet tacks.
A piece of leather large enough for two small hinges.

Bill of stock. Finished dimensions.
One piece $\frac{3}{4}$ by 11 $\frac{1}{2}$ by 12 $\frac{1}{2}$ inches.
Two pieces $\frac{3}{4}$ inch thick, 14 inches long, 11 $\frac{1}{2}$ inches wide at one end and 7 $\frac{1}{2}$ at other end.
One piece $\frac{3}{4}$ by 7 $\frac{1}{2}$ by 12 $\frac{1}{2}$ inches.
Two pieces $\frac{3}{4}$ by 1 $\frac{1}{2}$ by 14 inches.
Two pieces $\frac{3}{4}$ by 1 $\frac{1}{2}$ by 14 $\frac{1}{2}$ inches.

Place and nail side boards to the end boards, using 8d. nails. Place the four pieces forming the frame of cover in position and nail the half lap joint corners with brads, bending ends of brads over on under side; fasten cover to box with leather hinges as indicated; place glass in position on cover and hold in place with large-headed carpet tacks inserted around edges of glass. If preferred the frame cover may be omitted and the glass placed directly on top of the box, held in position by two wires fastened to brads outside of the ends and carried across the top of glass loosely, permitting the glass to be removed for ventilation or for gathering the plants.

Cutting-boards are convenient for use in the home, for bread boards, meat-cutting boards and for other purposes. This exercise furnishes good practice in broad-

to make, it is a suitable exercise for beginning woodworking.

Feed hoppers are used for supplying poultry flocks with grains and ground meals in a way not easily wasted. They are also used for providing ground shells and gravel at times during the year when it is difficult for the flocks to find a sufficient supply of this material.

Material. One piece $\frac{3}{4}$ by 10 inches by 8 feet, cypress.
Two butt or strap hinges with $\frac{1}{2}$ inch wood screws.
A number of 6d. finishing nails.
Bill of stock. Finished measurements.
One piece $\frac{3}{4}$ by 13 by 15 inches for back. (This can be made of two pieces fitted closely together if a board 13 inches wide is not at hand.)
One piece $\frac{3}{4}$ by 13 $\frac{1}{2}$ by 5 $\frac{1}{2}$ inches for bottom.
One piece $\frac{3}{4}$ by 8 $\frac{1}{2}$ by 13 $\frac{1}{2}$ inches for center board.
Two pieces $\frac{3}{4}$ by 5 $\frac{1}{2}$ by 12 $\frac{1}{2}$ inches for ends.
One piece $\frac{3}{4}$ by 6 $\frac{1}{2}$ by 15 inches for lid.
One piece $\frac{3}{4}$ by 1 $\frac{1}{2}$ by 15 inches for upper front.
One piece $\frac{3}{4}$ by 2 $\frac{1}{2}$ by 15 inches for lower front.
One piece $\frac{3}{4}$ by 2 $\frac{1}{2}$ by 15 inches for top piece.

Nail ends to bottom and center board, being careful to adjust center board to the right positions. The reason for nailing center board before nailing on the

back is to be sure that the center board fits closely to end boards, which may not be the case if back is nailed first. Nail upper and lower front boards to end boards; nail back to end boards. If the back is made of two pieces, one wider than the other, place wider piece below narrow one. Nail the top piece to top of ends and back board, place lid in position on top of end boards, locate hinges, and fasten in place with screws. Approximate cost of material if new material is used is 50 cents.

The size of cold frame suggested in drawing is a convenient size when muslin covers are used, but if window sash are at hand the size of frame may be changed to correspond with the size of the sash. If a larger frame is desired the width of frame suggested may be changed so as to be wide enough for

8 times more ground grip

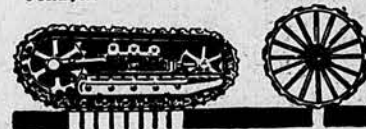
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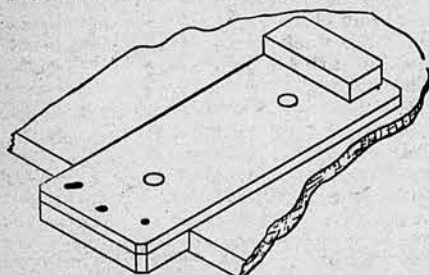
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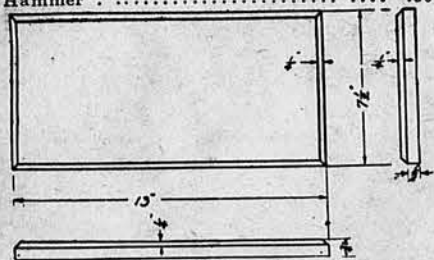


Bench Hook Placed for Work.

scious of their inexperience and hesitate to teach the subject. If they are willing to give this subject a little attention and study, it is possible even in a one-room school to do creditable and satisfactory work. It is not our plan to add to the work of rural school teachers, but rather the reverse. Every teacher knows that there are times when children get peevish and restless, and by having some means of giving them a change in work, such as manual training, she can hold their attention, discipline will be easier, and the pupils will accomplish as much or more regular school work, with less effort on the part of the teacher.

A place to work, a bench to work on, and some tools to work with are necessary. One method of arranging for bench, if space is limited, is to have a bench top fastened firmly to wall with heavy hinges, so that it can be let down when not in use. A portable bench can be made, and when not in use set aside so that space can be used for other purposes. If desired, it is possible to have boys construct either of the benches suggested, the material for which should not cost more than \$1.75. If the bench is made by carpenter the cost will be \$3 or \$3.50. A manufactured bench made of hard wood and equipped with rapid-acting vises can be purchased for \$10 or \$12. Bench tools required for beginning manual training work should include the following:

Cross-cut saw	1.25
Rip saw	1.25
Back saw	.90
Jack plane	1.80
Marking gauge	.25
Try-square	.25
Screw driver	.25
Hammer	.50



Cutting Board Has Many Uses.

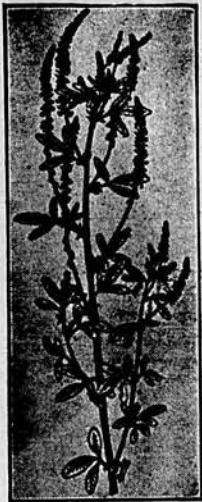
Nail set	.10
Brace	1.00
Bits, one each $\frac{1}{4}$, $\frac{3}{8}$, $\frac{1}{2}$, and $\frac{3}{4}$ inch	1.20
Gimlet bits, six assorted	.60
Chisels, one each $\frac{1}{4}$, and $\frac{1}{2}$ inch	.60
Spoke shave	.15
Ruler	.10
Oil can	.10
Oil stone	.75
	\$11.05

Agriculture is taught in many rural schools, and in teaching this subject,

Better Seed Is Needed

A Law Should Be Enacted To Prevent Adulteration With Weeds

By F. B. Nichols, Field Editor



White Sweet Clover.

that something should be done to stop this. Kansas needs good seed and weed control laws.

For much of the seed which is going to the trade in Kansas is in a fearful condition. Of the 487 samples of alfalfa seed submitted for analysis to the botanical department of the Kansas Agricultural college in the last 18 months, 74 contained dodder, 91 contained Russian thistle, 34 contained star thistle, 18 contained bindweed, 16 contained chicory and five contained Canadian thistle. All of these are very bad weeds well adapted to Kansas conditions.

"These results show how important it is that something should be done to check the spreading of weeds by crop seeds," said H. F. Roberts, professor of botany. "Some of these samples contain astonishing mixtures. One sample of alfalfa for example contained 57 dodder seeds for every five grams, which is a rounded teaspoonful. This would mean 5,171 dodder seeds to the pound. If sown on land at the rate of 15 pounds to the acre it would give 77,565 dodder seeds, or nearly two seeds to every square foot. One sample of alfalfa contained 1,700 bindweed seeds to the pound, or enough to make 25,500 to the acre. Another sample of alfalfa contained 470 Russian thistle seeds to the pound, or 690,000 to the acre. This would make 16 seeds to every square foot."

The department of botany has had a fine chance to get a fundamental knowledge of the needs of Kansas farmers with better seeds, for it has tested a great many samples. The increase in the number of samples received has been rapid, 205 samples were received in 1910, 246 in 1911, 552 in 1912, 1030 in 1913, and 1489 up until October 1 this year. This increase indicates the growing interest in better seeds.

All the lines of crop seeds tested have contained noxious weed seeds. Of the timothy seeds analyzed in the last 18 months, 133 contained buckhorn seeds. In one instance a sample of timothy contained 400 seeds to the pound, which is enough to give 784,000 an acre, or 180 a square foot. Eleven samples of brome grass contained mixtures of quack grass;

one sample contained 162 seeds of this weed or enough to give 330,000 seeds an acre.

Many very interesting things have come out in testing this seed. In the first years of the work but little sweet clover seed was being planted, and the price was much lower than alfalfa. Therefore alfalfa seed frequently was found that contained mixtures of sweet clover. In the last year the price of alfalfa has been much lower than sweet clover, due to the increasing interest in this crop and to the large alfalfa crop of 1913, and now the alfalfa is being mixed with the sweet clover seed! One sample contained 23 per cent of alfalfa seed, one contained 37 per cent, one contained 67 per cent, and one was composed entirely of alfalfa.

"These results with sweet clover indicate the need of laws to control the seed business," said Professor Roberts. "One sweet clover sample contained, besides 22 samples of weeds, 5.8 per cent of Trefoil seed. Another contained 17 varieties of weeds, besides 7.4 per cent of Trefoil. Yellow sweet clover often is found mixed with White sweet clover, which is the standard crop for Kansas. Furthermore, the little annual sweet clover, which is worthless, is being sold sometimes as the biennial species."

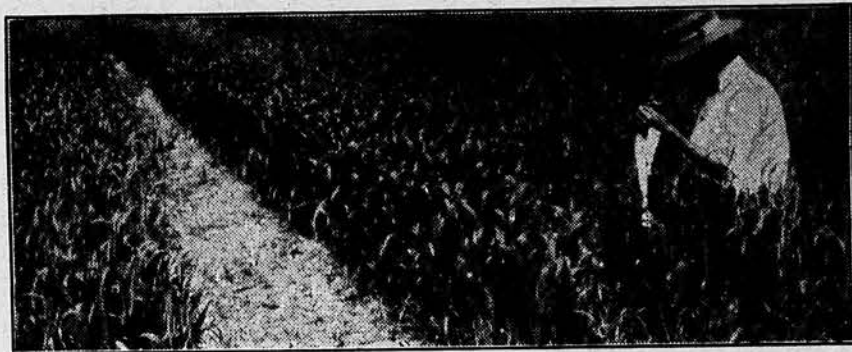
Some queer results have been obtained with the red clover samples—of course

sent it had bought for "Australian Wonder Grass." Here is what was found: Velvet grass, Italian rye grass, English rye grass, English bluegrass, cheat, Canadian bluegrass, red fescue, sour dock, wild geranium, hawk's beard, tall buttercup, forget-me-not, prostrate clover and white clover.

That certainly is "wonder grass," the man who named it had a sense of humor at least. But he wouldn't have sold it in Kansas if this state had a good weed law.

The germination results also have been distressful. Even taking a germination percentage 10 per cent under the standard set by the seed laboratory of the United States Department of Agriculture, the results are bad. For example, 82 per cent of the sweet clover was under 80 per cent in germination, 75 per cent of the millet was under 85 per cent, 67 per cent of the alsike clover was under 85 per cent, 60 per cent of the white clover was under 85 per cent, and 46 per cent of the alfalfa was under 85 per cent. These are fair samples of the results with other lines.

"One of the results of our work has been to show just how expensive cheap seed is," said Professor Roberts. "Now take this sample of alfalfa, for example, which contained 35.5 per cent of waste, which was bought just because the price was a little lower than most other seed."



More Study and Care are Required in the Growing of the Six Million Dollars' Worth of Seeds Used in Kansas Every Year.

our old friend buckhorn has been much in evidence. One red clover sample contained 7.1 per cent of foreign seeds, of which 244 seeds were buckhorn. Another case had 9 per cent of trash, and more than 3 per cent of foreign seed, including both buckhorn and bindweed. One sample contained 22.2 per cent of foreign seeds, of which there were 1,716 seeds of green foxtail, besides both buckhorn and dodder. Another sample contained 27.4 per cent of foreign seeds, mostly green foxtail.

Frequently plain cases of adulteration are shown. One sample of what was supposed to be red clover seed contained 24.2 per cent of alsike clover and 4.9 per cent of alfalfa seed. In addition, to make the mixture a little more generous, 21 samples of weeds, including buckhorn, were found. Don't you think Kansas needs a law to stop this?

Some amusing things come up in the work at times. Professor Roberts received one sample which the man who

It contains 2,016 weed seeds, which make up 30.6 per cent of the weight. The varieties and number of weed seeds included are: Green foxtail, 1000; hairy joint-grass, 246; crab grass, 213; sedge, 200; barnyard grass, 111; wild primrose, 93; pigeon grass, 66; rough pigweed, 44; wild verbena, 19; and from one to ten each of lamb's quarter, black bindweed, witch grass, sorrel, mint, panic grass and knot weed.

"There would be, from this sample, 182,892 weeds to the pound. If this were sown at the rate of 15 pounds to the acre it would give 2,743,380 seeds, or 63 to every square foot. This makes this alfalfa the most expensive seed one could buy when the effect of these weeds is considered.

"This lot of seed cost \$5 a bushel last May, and the farmer bought 125 bushels of it—he expected to sow a large acreage. In order to bring the seeding up to a normal amount, after these weeds are considered, it would be necessary to increase the seeding 5½ pounds an acre, which would make the cost about \$6 a bushel for good seed. But this is not the worst of it, for in doing this he would add 1,005,906 more weed seeds to his original planting, and would increase the number to the square foot from 63 to 86. It is quite obvious that the alfalfa wouldn't have much chance."

Kansas must come up into line and clean up this disgraceful condition of affairs. The farmers can't continue to permit the state to be used as a dumping ground for all the poor seeds which can't be sold in states that have an honest control for this business. If there are crooks in the seed business in Kansas they ought to be put out, and a good system to regulate this will not injure the honest seedsmen and farmers.

Many of the losses of stands of alfalfa

and other crops in Kansas in the last two years have come from poor seed. The great increase in weeds has been due largely to this. Bindweed is spreading rapidly in Kansas, and this has been brought about quite largely through seed that contained this pest. There will be a great increase in this damage unless something is done.

"We believe from our investigations that a good seed law is essential," said Professor Roberts. "Along with this should come a good weed control law, however. Both are required, and both must be obtained before much progress can be made here in getting rid of these weed pests. Both have been used with good success in other places. Kansas merely will be following the example of other states when it takes up this matter of seed control, and places it on an efficient basis, where farmers will be protected from poor seed."

This matter of getting better seeds for Kansas will be brought up at the next meeting of the legislature. It affects every farmer. Decide what you wish done, and then tell your representative and senator about it, so they can intelligently represent the wishes of their people when they come to Topeka.

Negro Farmers Meet

The Sunflower State Agricultural association, the negro farmers of Kansas met last week at the Topeka Industrial and Educational institute east of Topeka. The sessions, which continued through Thursday and Friday, largely attended were excellently conducted. The papers read, and the impromptu talks, were instructive and interesting, and proved how progressive the negro farmers are determined to be. Every one of the programs would be valuable as a suggestion for the institute meetings of other farmers in Kansas. Here are a few of the subjects discussed: "Making Farming Pay," "Raising, Buying and Selling Mules," "The Kaw Valley Truck Farming Company," "Market Gardening for Profit," "Growing a Thousand Acres of Wheat," "Rural Banking." A dozen other equally important subjects were discussed. J. C. Mohler, secretary of the state board of agriculture addressed the institute Thursday afternoon.

Of 2 million sheep annually grazed in Utah, more than a million are on the national forests, or, including lambs which are fattening for market on the forest ranges, more than a million and three-quarters.

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A lady writes: "I had used coffee for years; it seemed one of the necessities of life. A few months ago my health, which had been slowly failing, became more impaired, and I knew that unless relief came from some source I would soon be a physical wreck."

"I was weak and nervous, had sick headaches, no ambition, and felt tired of life. My husband was also losing his health. He was troubled so much with indigestion that at times he could eat only a few mouthfuls."

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—sold by Grocers.



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Cushman 4-Cycle Gasoline Engines are very quiet and steady because of Throttle Governor and perfect balance. No jerky, explosive hit-and-miss running, but easily and quietly like high grade automobile engines. Equipped with Schebler Carburetor, having Special Economy Tube to save gasoline. Handy Friction Clutch Pulley. May be run at any speed—speed changed while running.

Cushman Light Weight Engines For All Farm Work—4 to 20 H. P.

The ONE Binder Engine

The Cushman 4 H. P. is the one practical binder engine. Its light weight (197 lbs.) and steady power permit it to be attached to rear of binder. Saves a team during harvest. Also used on Corn Binders, etc., while 8 H. P. may be attached to Corn Pickers, Hay Balers, etc.

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—Dave Linton, Ransom, Illinois.

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8 H. P. 2-Cylinder Cushman

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A Long Drouth That Missed

Kansas Soil Shows Little Lack of Moisture—Farm Doings

BY HARLEY C. HATCH

WE knew it had been a long time since it had rained but were not prepared for the statement in the paper today that it had been the longest drouth since weather records had been kept in Kansas. We don't like to think what would have happened had rain held off so long last summer. As it is, we have hardly known it was dry.

We can stand a great amount of dry weather here, either in spring or autumn, without noticing it. The weather bureau says that for seven weeks we have had only .09 of an inch of rain and yet the fields in many places still show moisture on the top of the ground. In many parts of the kafir field we noticed moisture right at the top, and this on bare ground that has not been rained on for seven weeks.

Topping kafir was the work on this farm, a part of the last week. It is work that we do not like because of the dust. When a man begins topping kafir he must make up his mind to get a cold, or something that passes for one and is caused by the dust. Smut also is bad in many kafir fields, notably those which ripened early. The late kafir matured under more favorable skies and smut is not much present in it.

Smut in kafir is attributed to a germ. It is certain this germ must have favorable conditions to increase or there will be no smut. Early kafir is smutty this year while late kafir is not and in many cases the seed for both came from the same lot. This smut is common, both in topping and threshing, and many who have to work in the dust it causes, have a good imitation of a real old-fashioned Arkansas chill. A "dust chill," as it is called, is much worse in cold than in warm weather. It is not pleasant at any time.

One kafir buyer at a nearby town is paying 85 cents a hundred for the grain, while another buyer is paying 90 cents. Strange to say, the 85-cent man is getting some kafir. We don't know why he does except that he carries a standing advertisement that he is in the market for the grain. Too many sell to the first man who makes an offer and do not inquire further to see if better terms cannot be made. An unusually large amount of kafir will be sold from this locality this year as most farmers figure that with corn at 55 cents a bushel and kafir at 90 cents a hundred, it pays better to sell the kafir and keep the corn for home feeding.

We have a live topic coming up for discussion at the next session of our grange. It is, "Resolved, that taxes can be reduced with no loss of efficiency in government." This is a question about which there is much to be said on both sides and, even, if we do not settle the matter we can at least have the satisfaction of debating a live question. The writer never expects to see taxes any lower, and for this the people are more to blame than any of their elected officials.

For instance, in this county there is a strong demand for a bridge across the Neosho river at a point where there is a great deal of travel and where there is now a dangerous ford in which a number of persons have lost their lives in former years. There is no question but that this bridge is needed but to build it will cost about \$10,000. The very men most benefited by the proposed bridge would no doubt complain if the cost was included in their next assessment. We ask things of our government and then complain because we have to pay for them.

We read in a paper last week that a farmer living in Missouri has a goose he bought at a sale 22 years ago and that the goose appears to be as lively and happy as on the day of that sale. There is as great a variation in the duration of life among farm animals as there is among persons. This is partly due to the inherited constitution of the animal and in greater part to the treatment the animal has received. A neighbor has a horse 27 years old which still is capable of doing a fair day's work and

there are many horses in this community past the 20-year mark that still are sound and serviceable. Not so many years ago it was thought that a horse was far on the downhill road when he had reached the age of 10 years, but now the duration of a horse's life seems to be nearly doubled. We have seen horses sell at sales here for a good price when the whole neighborhood knew they were at least 17 years old.

It speaks well for the owners of animals, that within 30 years the duration of life is thus lengthened. Animals are now more kindly treated, not only because it pays in dollars and cents to so treat them, but because there is a more humane spirit abroad in the land. It used to be common to see a horse taking what his owner called a "good licking" but of late years such a proceeding is rare. We can hardly recall when we last saw a horse being abused. There is not one horse in a hundred that really needs to be whipped.

Because of the favorable weather during autumn, the work on most farms has been done sooner than usual, which gives the older boys more of a chance to attend school. The truancy law does not affect those more than 15 years old and for that reason too many seem to think that their school days should be over when they reach that age. The present high school law has had the effect of keeping many boys out of school because they will not attend after their mates of the same age have left the district school and are attending school in town. In former years it was most common for the country boys to attend the district school until they were 18 years old; we have known of boys who attended their district school until they were old enough to vote. There now are high schools much better equipped to care for pupils of that age, in which tuition is free, but it must be remembered that to attend such a school means leaving home and paying board. So it comes about that the great number of country boys now leave school altogether at about 15 years.

While we have had no more than the merest sprinkle of rain in this part of Kansas for two months, there was a rise in the Neosho river last week. No rains have fallen for a long time in the watershed of this river, and what has caused the rise is conjectural. It is commonly noticed that there is a stronger flow in springs at times when no rain has fallen and such flows usually come when a change of the weather is at hand. If you will stop a moment to think about it, you will see at once that there is an immense widespread influence at work underground for which there is no apparent explanation. We know that these rises happen when no rain has fallen but we do not know what causes this underground movement of water.

We found this year that we could still husk 50 bushels of corn in a day without staying out until dark to finish the second load. It was not done quite so easily as we could do it when we were 25 years old but still it did not bother us much to husk the 50 bushels and husk it clean. We have seen a few of those "100 bushel" huskers at work and are frank to say that we should not care to have many of them husk for us. They leave the small ears in the field and the ears they put in the wagon are so covered with ribbons that one could hardly tell whether the load was husked or snapped. It is also our conclusion that the man, "who wouldn't pull into a field unless he could get out 100 bushels a day" does most of his husking around a stove at the grocery store.

A mountain lion recently killed in the Grand Canyon game preserve, which adjoins the Tusayan national forest, measured 10 feet from nose to tail. Mountain lions and other beasts of prey, such as wolves, coyotes, and wild cats, are killed by forest officers and game wardens because they are a menace to stock and to game animals.

Thirty million pounds of crude rubber were shipped out of the Amazon valley during the first quarter of 1914.

Yields Are High in Europe

Grain Rows Usually Are Placed Close Together Abroad

BY WILLIAM PRITCHETT

GRAIN yields in Europe average much higher than in Kansas. These come as a result of a greater amount of work and care, and the use of good methods of production. Land is very valuable in the farming sections of Europe, and labor is much cheaper than here, so the methods of production quite naturally are somewhat different.

As a rule the rows in the grain fields are much closer together than in Kansas fields; they usually are from 3 to 3½ inches apart. The type of grain drill also is much different. From two to three men are used with the drilling outfit. One man drives the oxen, camels, or horses, and then if two men are operating the machine the second man sees that the hopper is kept properly filled with seed and that the seed is kept flowing steadily and accurately. Besides this it is his duty to guide the machine by the fore-carriage in front, called a vordikarre. This fore-carriage has a long lever that extends behind the seed hopper, and by using this long lever the machine is guided so straight that not an inch of land is wasted and no crooks in the rows are possible.

Where three men operate the machine, the second man simply looks after the keeping of the seed in the hopper and that the machine is doing accurate and reliable seeding. It is the exclusive duty of the third man to simply guide the machine. Instead of having the long lever extending behind the hopper it is hinged so it can be turned to allow the third man to walk near the wheel of

of drill rows close together. In speaking of his results he recently said:

"I have farmed for many years and have studied farming very carefully. In past years I drilled my wheat one way and then cross-drilled it, but I finally succeeded in getting a drill made for putting the rows only 3 inches apart instead of 7 or 8 inches as is common. I have carefully tested out this idea of putting the drill rows only 3 inches apart. My wheat measured 43 bushels an acre this year—machine measure—of splendid quality."

I believe that yields can be increased in Kansas by planting the grain rows close together. I think there is a better use of plant food when the rows are 3 inches apart. Kansas grain growers need higher yields and increased profits.

To Talk of Farming

The forty-fourth annual meeting of the Kansas board of agriculture will be held at Topeka, January 13-15, next. The program is now taking shape. Secretary Houston of the United States Department of Agriculture will speak Thursday afternoon, January 14, on "What the United States Department of Agriculture is Doing for American Agriculture."

While no synopsis of his speech is yet available, it is expected that Secretary Houston's address will not be merely a congratulatory message, but will deal with questions of vital importance to the farming industry, as distribution and marketing of farm products, co-operation



A Wheat Field on the Farm of Frank Colby That Averaged 43 Bushels an Acre; the Drill Rows Were 3 Inches Apart.

the force-carriage, so that he can watch the track of the wheels of the force-carriage to see that the machine is driven absolutely straight.

Let us make a comparison of this European system with our manner of seeding in America. American farmers use a grain drill with the rows never closer together than 6 inches and more generally in the Corn Belt states it is 7 inches or sometimes 8 inches apart. This American manner of drilling the grain is found to be better than broadcasting, but it permits some waste of land, the seed is not properly distributed and it allows a very great waste of moisture because of the bare spaces between the seed rows. These allow the sun to bake the surface crust and to rapidly take up the surface moisture, especially in a hot and dry year. These wide spaces between the seed rows allow much room for weed seed to fall, and for the weeds to make a start.

Another feature of importance to consider in seeding grain is the width of the seed furrow made by the furrow openers. If the seed furrow is very narrow it simply puts one grain of seed nearly on top of another. This results in serious detriment or the killing of both stalks, as mentioned in the report of the Missouri State university, by Professor C. B. Hutchinson, wherein it usually is found that "not more than 75 per cent of the seed plants that sprout in the narrow seed rows of a grain drill ever mature."

I bought a 3-inch American grain drill in January, 1912, and have now used this machine for 3 years. This grain drill puts the rows only 3 inches apart. I have never failed to produce at least 10 bushels of wheat an acre more than any of my neighbors who seed the rows 6 inches or 7 inches apart.

Frank Colby, of Sheridan, Ind., also has had very good success with the use

and other means of improving the situation of the producer. Secretary Houston is imbued with the idea that "individualism" in agriculture has had its day, and that the genius of organization must be brought into play.

President Waters of the state agricultural college, will address the meeting also, Wednesday evening, Jan. 13, telling about his trip to the Philippines last summer. His remarks will be illustrated with a stereopticon. Dr. Waters was commissioned by the federal government to study the educational systems and agricultural resources of the Philippines and presumably what he has to say will be based on his investigation.

Schools, roads, churches, dairying, agricultural fairs, corn growing, and other pertinent topics will be discussed by those particularly well qualified to handle their respective subjects, and altogether the convention bids fair to be one of the most successful in the board's history.

Referring to the forthcoming meeting, Secretary Mohler said he wished to have the public informed that this program is prepared for the benefit of all Kansans, and that the sessions are open to everybody. Those who attend are invited and expected to enter into the discussions that follow addresses and papers, for it is out of the exchange of experiences and ideas that the most real good comes.

All sessions of the meeting will be held in the magnificent new Memorial Hall, and this will give visitors and others opportunity of inspecting this beautiful structure, which presents a particularly brilliant picture when illuminated at night.

Other announcements regarding speakers will be made from time to time.

Market the wheat a little at a time, and at the up-turns.

Give Your Hogs A Chance To Be Clean

THE FACT that the majority of hog ailments, disorders and mortality are attributed to uncleanness, should lead stockmen to take every precaution to insure hygienic conditions of his animals' surroundings. Disinfecting stables, outhouses and troughs with

Lewis' Lye

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accomplishes one purpose in eliminating germs, etc., from the hog's environment; while its use as a conditioner and as an aid in eliminating worms remove in a great measure the cause or possibility of disease. Booklet covering this point and other uses of Lewis' Lye on Farm and in Home, sent free. Address

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6 "	\$34.50
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12 "	\$41.50
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22 "	\$51.50
24 H.P.	\$105.40
30 "	\$127.10
36 "	\$154.50



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1 case graphite axle grease (2 doz. 3 pound pails).....\$5.50
40 gravity prime white stove distillate.....\$4.50 for 52 gal. bbl.
38 gravity stove distillate.....\$4.00 for 52 gal. bbl.
60 gallon (28 gauge) galvanized steel tank with pump and hood cover complete—a great convenience in every home.....\$3.60
Extra heavy pure crude oil, steamed and settled, (black oil) good lubricant, just the thing for greasing tools.....\$4.00 for 52 gal. bbl.
STANNARD'S PROCESSED CRUDE OIL, the best dip made for killing lice and curing mange. One application will do more to kill lice and cure mange than three applications of any other dip made (it destroys the nits).....\$5.00 for 52 gal. bbl.
I also carry a full line of lubricating oils.
I will pay \$1.25 each for my crude oil barrels, \$1.50 each for my refined oil barrels returned to me at Coffeyville, Kansas, in good order, less freight charge on same.
O. A. STANNARD, BOX M, EMPORIA, KAN.

New KEROSENE LIGHT BEATS ELECTRIC OR GASOLINE

10 Days FREE—Send No Money

We don't ask you to pay us a cent until you have used this wonderful modern light in your own home ten days, then you may return it at our expense if not perfectly satisfied. You can't possibly lose a cent. We want to prove to you that it makes an ordinary oil lamp look like a candle; beats electric, gasoline or acetylene. Lights and is put out like old oil lamp. Tests at 14 leading Universities show that it

Burns 50 Hours on One Gallon

common coal oil (kerosene), no odor, smoke or noise, simple, clean, won't explode. Three million people already enjoying this powerful, white, steady light, nearest to sunlight. Guaranteed.

\$1,000.00 Reward

will be given to the person who shows us an oil lamp equal to the new Aladdin in every way (details of offer given in our circular). Would we dare make such a challenge if there were the slightest doubt as to the merits of the Aladdin? GET ONE FREE. We want one user in each locality to whom we can refer customers. To that person we have a special introductory offer to make, under which one lamp is given free. Write quick for our 10-day Absolutely Free Trial Proposition and learn how to get one free.

MANTLE LAMP COMPANY, 635 Aladdin Building, Chicago, Ill. Largest Manufacturers and Distributors of Kerosene Mantle Lamps in the World



TWICE THE LIGHT ON HALF THE OIL

MEN WITH RISKS Make \$100 to \$300 Per Mo. Delivering the ALADDIN on our easy plan. No previous experience necessary. Practically every farm home will buy after trying. One farmer who had never sold anything in his life before writes: "I sold 51 lamps the first seven days." Another says: "I disposed of 51 lamps out of 51 calls." Thousands who are taking money endorse the Aladdin just as sincerely. We furnish capital to reliable men to get started. Ask for our distributor's plan, and learn how to make big money in unoccupied territory.

Christmas Time Memories

Grown Folks Are Children Again When That Day Comes

BY MARY CATHERINE WILLIAMS

CHRISTMAS comes oftener than they used to. Did you ever notice that? It seems now that you no more than rub the new off last year's Christmas handkerchiefs till you pick up the paper some day and see that old,



familiar warning to "do your shopping early" and realize that Christmas is upon you once more. When you were a girl on the old farm it was vastly different. It was ages between Christmases then. You didn't count time by days and weeks and months in the sober, grown-up fashion you have become so used to now. Your calendar began with CHRISTMAS—capital letters, please, there is no other way to show the importance of that date. Then there was a delightful after-season before the new doll was broken or the pages torn in the fairy tale book, and it was time to look forward to Valentine's day. When the tinsel glories of the valentines were faded, there was the hope of Easter eggs to live for, though Easter and spring seemed far away. It came at last, however, and so did the last day of school and the Fourth of July. The days in between were a blank on the calendar and never mattered much; you were always looking ahead to the great day coming later on.

After the first of school in September the days dragged on with leaden feet. Your birthday came in the early autumn, and that helped quite a bit. So did Hallowe'en, but always you were thinking of Christmas. Maybe you remember the morning your big brother counted and found it was only 50 days till Christmas Day. That was encouraging, on the whole, for the last time you and he had counted it had been two months, but 50 more days to "be a good girl so Santa Claus won't forget you"—was it possible for anyone to hold out so long? In your heart of hearts, though you never confessed it, the thing you were most thankful for at Thanksgiving was that Christmas was less than four weeks away.

And Then You Went to Town.

At last came one frosty Saturday morning, when with laprobes and quilts tucked snugly around you, you drove in the rattling old spring wagon with father and mother and the others to the county seat to see the toys in the stores and buy your Christmas presents. A trip to the county seat was an event in your life at any time for it was "most a dozen times as big" as the little town where you got the mail and went to church on Sundays, but now that Christmas was coming and you had 50 cents to spend, it was a journey fraught with all the thrill and romance of a great adventure. What could it matter to you that the road was long, the harness was old and shabby and the wheels had a squeak? No drives you've taken in the big new motor car you're so proud of now have ever been the same, for your heart was singing all the way and your happiness was complete.

Of course mother had to be consulted about your purchases, and you felt delightfully mysterious and important when you and she with elaborate caution, slipped away from the others and you spent a part of your precious money for a wonderful paper doll for little sister and a gayly painted top for big brother. Then you bought a lead pencil for Uncle Frank and a five-cent pocket memorandum book for father. The hardest thing was to select the gift for mother, herself, but even that was accomplished after a while, with father's aid, and you all started home again with knobby bundles filling the emptied egg-cases, and stuffed in under both seats of the spring wagon. And then what fun it was that evening when supper was over

and mother unwrapped all the presents she had bought to send to the cousins way back in Illinois. She let you children play with them just a little, after you had washed your hands with painstaking care, and you thought the boys and girls who were to have them were among the favored of earth.

Every day had some pleasurable excitement after that. Sometimes it was that father would say, "I saw Santa Claus when I was in town for the mail today," or again mother would stretch your curiosity to the bursting point by hinting at presents she had heard you were going to get. You guessed everything you could think of but mother would only smile and say to guess again. The house had a feeling of mystery about it the last few days, for doors were locked then that never were at any other time and you couldn't start towards the closet in mother's room without a warning word from mother, "I wouldn't go there, if I were you. Santa Claus might not like it."

By Christmas eve you were so excited you thought you never could wait till



morning. Father told you the time would go much quicker if you went to bed real early, but you protested you weren't a bit sleepy and wished you didn't have to go to bed at all, though your eyes were heavy as lead even while you said it. You didn't see the signal mother gave father, or notice him leave the room, so your heart gave a big thump of surprise when there came a loud knock at the front door that was almost never opened, and you clung close to little sister while mother went to answer the knocking. You heard her say quite distinctly, "No, they aren't in bed yet, Mr. Santa Claus, but they're going right away," and then there was an indistinct reply in a deep, strange voice. Even big brother, who liked to pretend he didn't believe in old Santa, was ready to get to bed in a hurry after that, for after so many days of waiting it would be a tragedy indeed to miss one's Christmas presents just because one hadn't gone to bed in time.

You didn't need any calling to get up Christmas morning. You and big brother and little sister were dancing around the wonderful tree in your little outing flannel "nighties" almost before mother and father were up. And oh, the presents! You lived in a sort of blissful trance all day with nothing that seemed real except the new doll with golden curls and the set of blue toy dishes.

It was hard to keep track of all your treasures. You and little sister almost came to blows over the ownership of a certain picture book later in the day, but the discussion was settled by arbitration when mother showed you that you each had one just alike. But the best part of the day came in the evening when the candles on the tree were lighted and mother played softly on the parlor organ and sang "O Little Town of Bethlehem" in the low, tender voice you loved best of all the world. You sat close to her knee in the candlelight while she told you the old, sweet Christmas story, and then the wonderful day was over, and with the new doll clasped close in your arms, you went fast asleep.

Make Your Own Candy

It is a great saving of expense to make your own candies for Christmas, and pleasant work in the bargain. It is best to start the candy making some morning when there is not much other work to be done, and make a regular business of it. Have the kitchen table cleared of all unnecessary dishes so that there will be plenty of space to set things, then get out the porcelain lined kettle or several enameled ware saucepans, a large spoon for stirring, a cup to hold water for testing the sirup, and several platters for cooling the candy.

A few sheets of the oiled paper used for wrapping butter will prove a great convenience. It is a good plan to shell and chop nuts the evening before. When once the candy is on the stove, do not let anything distract your attention from it, as overcooking probably is the cause of most of the candy making failures.

Fruit Fudge.

A fruit fudge is slightly different from the usual run of candies and is delicious. To make it, take 2 cups of white sugar and 2 cups of light brown sugar, 1 cup of milk, and butter the size of an egg. Cook till the sirup forms a soft ball in cold water, remove from the fire, and beat well, adding ½ pound each of chopped dates and figs. Flavor with vanilla and pour into buttered tins.

Cocoanut Candy.

Cook 2 cups of sugar with ½ cup of cream till the sirup forms a soft ball in cold water. Just before this stage is reached, add 2 tablespoons of butter and 1 cup of shredded cocoanut. Remove from the fire, beat till the candy is creamy, flavor as desired, and pour the candy into a buttered platter. A pretty effect is obtained by dividing the candy and coloring one part of it a delicate pink.

Nougat.

Boil together 4 cups of sugar, 1 cup of water and 1 cup of white corn sirup till it forms a soft ball in cold water. Take out 1 cup of the sirup and pour it slowly over the stiffly beaten whites of 4 eggs. When the remaining sirup reaches the stage where a portion tested in cold water is hard and cracks against the cup, pour it over the egg mixture also and continue the beating till the mixture is hard enough to pour out. Just before pouring the candy on a buttered platter, stir into it 1 cup of chopped nut meats and flavor it as desired. Chopped almonds and almond flavoring make a delicious combination.

Webber, Kan.

Jennie Owen.

Marshmallows.

Soak 1 box of unacidulated gelatine in ½ cup of cold water. Boil together 4 cups of sugar and 1 cup of water till the sirup forms a soft ball in cold water. Pour the hot sirup over the gelatine, beating constantly, and continue the beating for half an hour, or until the candy is too stiff to beat longer. Flavor with vanilla and pour into deep pans dusted well with powdered sugar. When the candy is cold, cut it into strips and then into squares. Frances Hurrel.

Circleville, Kan.

To Keep Holly Fresh

Last Christmas when I was putting up my holiday decorations a friend suggested that I try the old Swedish practice of putting the holly in jars of water.

As I was somewhat doubtful as to the advantages of the plan, I tried it with only half of the holly, leaving the rest of it dry as usual. To my surprise, the holly in the water came out fresh and bright, even swelling to a larger size than that left dry, and lasting several times as long, and my Christmas decorations were the admiration of all the neighborhood.

Carrie May Ashton.

Rockford, Ill.

There are 22,085,931 bearing fruit-trees in Bohemia.



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

The distinctive feature of misses' dress No. 6976 is the short Eton jacket opening over a flat vest. The tunic opens in front and is of circular cut. The pattern comes in sizes 14 to 20 years. Ladies' skirt No. 6969 is made with a deep yoke to which is attached a box-



plated lower section. It is cut in sizes 22 to 32 inches waist measure.

Ladies' waist No. 6974 is cut with the new cape back. The pattern comes in sizes 34 to 44 inches bust measure.

Child's dress No. 6971 has a diagonal closing in front and a plaited skirt attached to the blouse beneath a straight belt.

A pretty coat for girls is No. 6973, which may be made of serge, cheviot or broadcloth. The coat has raglan sleeves and is cut in sizes 4, 6, 8, 10, 12 and 14 years.

USE THIS COUPON FOR PATTERN ORDERS.

The 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.

Christmas.

By a beautiful road our Christmas comes,
A road full twelve months long,
And every mile is as warm as a smile,
And every hour is a song.
Flower and flake and cloud and sun,
And the winds that riot and sigh,
Have their work to do ere the dreams come true,
And Christmas glows in the sky.

'Tis a beautiful time when Christmas comes
All up the street and down,
For hearts alight make faces bright
When Christmas comes to town.
Neighbor and friend in gladness meet,
And all are neighbors dear,
When the Christmas peace bids evil cease
In the holiest day of the year.

The fair white fields in silence lie,
Invisible angels go
Over the floor that sparkles hoar
With the glitter of frost and snow.
And they scatter the infinite balm of heaven
Wherever on earth they stay,
And heaven's own store of bliss they pour
On the earth each Christmas Day.

'Tis a beautiful task our Christmas brings
For old and young to share,
With jingles of bells, and silvery swells
Of music in the air.
To make the sad world merry awhile,
And to frighten sin away,
And to bless us all, whatever befall,
Is the task of Christmas Day.
—Margaret E. Sangster.

Boys and Girls at the Institute

There will be something doing every minute for the boys and girls who attend the statewide institute at the Kansas State Agricultural college from December 28 to January 1. A special program has been prepared just for their benefit. For the boys there will be lessons in woodwork, in tying knots and in making rope halters. The girls will be interested in some of the poultry lectures, perhaps, and, of course, there will be classes in cooking and sewing which they will like to attend.

There will be games and the best sort of indoor sports for the boys and girls every afternoon in the big gymnasium under the direction of Guy S. Lowman, athletic director, and Miss Garnett Hutto. It is possible, also, that the boy and girl visitors to the college may be given a chance to swim in the two big swimming pools.

A \$100 silver loving cup is to be awarded to the boy who grew the best corn in the summer, and \$222 in cash prizes, besides, have been offered by the Kansas State Bankers' association to be awarded in the corn and wheat growing contests for the boys and the bread making and apron making contests for the girls.

Boys and girls interested in ways of making pocket money will enjoy the talk on canning fruits and vegetables with a pressure canner which will be given Friday afternoon. Canning clubs have already been organized in several parts of the state and are planning to use the pressure canner next year.

Santa Claus as a Fire Bug

Santa Claus has done his full share toward bringing misery as well as merriment to his loyal supporters at Christmas time. He doesn't mean to do it, of course, and it may not be fair to place the blame on him, but every year somebody's home is left a heap of ruins because of the candles Santa Claus lighted on his Christmas tree. The safest plan is to use tiny electric light bulbs on the tree, but where this cannot be done,

special precautions should be taken at candle lighting time. It is especially dangerous for old Santa himself to take gifts from the lighted tree, as the cotton on his suit takes flame very easily as he reaches up and around the burning candles.

Daisy Tells Her Story

I am a bay pony named Daisy, and as I am nearly 4 years old and weigh 750 pounds, I think I am quite big enough to have my picture in the Farmers Mail and Breeze. My master says that the best way he knows to make boys like the farm is to give them a pony as near like me as you can find. Henry, that's my young master, says I'm the best part of the farm, and I guess he knows. When there's a log to haul, or anything else that isn't heavy enough for a team, Henry ties one end of a rope to the log and the other to my saddle, and then away we go. He says it teaches me to hold cattle.



He Says He's a Cowboy.

He thinks he is a great cowboy, so I suppose I must be a cowpony, for he couldn't chase any cows without me.

The women folks like me, too, for whenever they want to go to town or to their club, I'm always ready to take them. They drive me all the way to town—and it's a good 10 miles, too—in just an hour and a half, even when they haven't any whip with them. Yes, sirree, I earn my feed many times over, though my master says I am so light I musn't try to do farm work. I like my job, all right, and I'd rather be a pony on Henry's farm than the best automobile in the biggest town there is.

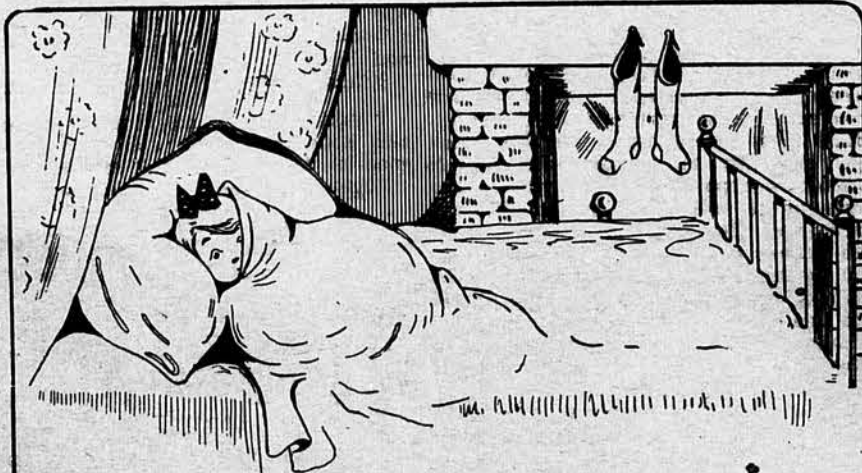
Mrs. Will Kowing.

R.9, Winfield, Kan.

A novel and pretty effect in decorating the windows at Christmas is to cross two strips of red ribbon or crepe paper in the center of the pane, the ends being fastened at the sash. At the intersection of the ribbons hang a holly wreath. This treatment would be extremely effective, also, for the large panel of glass in the front door.

Every Belgian woman in America whose husband is with the Belgian army will be paid 15c a day by that government, and if she has children, an additional 5c will be paid for each child.

The high council of the Church of England has voted to give women the suffrage in the election of church councils and also the right to sit in parochial councils.



BED TIME ON CHRISTMAS EVE.

It's dreadful hard to go to bed
When I'm so wide awake;
Just think, if dear old Santa Claus
Should miss me by mistake!

And there's such curious whispering
And giggling, too, below,
The door bell peals out now and then
And someone cries out, "Oh!"

I wish they please would go to bed
And leave the house quite still.
'Twouldn't be half so hard to lie
And watch and wait until—

They say I'll soon be fast asleep.
Grown folks don't understand.
What will he bring me? Furs and dolls—
And dolls—and—furs—and—and—
—Rebecca Deming Moore.

Mayer Yerma Cushion Shoes quickly relieve tender, sensitive feet. The built-in quilted soles absorb the shock of walking and are restful.

Mayer
HONORBILT
SHOES

Yerma Cushion Shoes resist heat and cold—cool in summer, warm in winter. The most satisfactory of all cushion shoes. Up-to-date styles for both men and women.

WARNING—Always look for the Mayer name and trade mark on the sole. If your dealer cannot supply you, write to us.

We make Mayer Honorbilt Shoes in all styles for men, women, children; Drysex, wet weather shoes; Martha Washington Comfort Shoes.

F. Mayer Boot & Shoe Co., Milwaukee



Quilted Cushion
Inner Sole
Cork Filling
Outer Sole



Costs
Only
One
Cent
A
Night

COLEMAN LAMPS And Lighting Systems

Most modern and economical lighting plants ever offered. Over 500,000 now installed on Farms, in Churches, Town Homes, Stores, etc. Made for any building, room, porch, yard or drive. No wicks to trim, no chimneys to clean. Fill once a week. Clean once a year. Always ready. One Coleman is equal to 20 oil lamps. No glare, no flicker—just a soft, steady, brilliant glow. Will light average home at 80c to 40c a month. Absolutely safe. Guaranteed for 5 years.

A SPLENDID CHRISTMAS GIFT

Over 100 styles. Beautiful fixtures. No expensive piping—tearing up floors or walls—no dirt, no trouble. Complete Coleman System put in almost any home in less than one day. Send for free literature or, better still, send us size of buildings or rooms you wish to light and we will forward you free of charge a complete lighting plan with detailed descriptions and costs. Write nearest address.

COLEMAN LAMP CO.

231 N. St. Francis Ave., Wichita, Kan.
232 E. 6th St., St. Paul, Minn.
1911 Summit St., Toledo, Ohio
415 Akard, Dallas, Texas

Make Money All Winter

Selling Coleman Lights to your neighbors. Call on them evenings and demonstrate. Every home a prospect. Every lamp its own salesman. Show it and it sells itself. Experience not necessary. Get agency in your locality. Write for catalog and wholesale price list.



225-Piece CHRISTMAS FREE SURPRISE PACKAGE

15 Gold, Silver and Holly Embossed Post Cards, All Christmas and New Year Designs—50 Maple Leaf Embossed Stickers—50 Santa Claus Stickers—50 Assorted Stickers, Stamps, Seals, Labels, Etc.—4 Beautiful Holiday Booklets—1 Triplicate Wall Calendar—9 Assorted Gold Embossed Cards, Assorted Sizes—9 Embossed Gift Tags—5 Large Embossed Enclosure Cards—32 Santa Claus and Assorted Stamps.

All FREE On This Great Offer!

Everybody will be using Christmas cards and package stickers during the Christmas season this year. Every Christmas Press that you give should carry an enclosure card or tag with an appropriate greeting, and you will want dozens of little stickers and stamps to go on the outside of packages. This new and popular custom adds wonderfully to the holiday cheer and really makes every gift more valuable and more joyfully received. The 15 embossed post cards included in this collection are standard post card size, printed on fine stock and beautifully embossed in gold and all the Christmas colors and each card carries a Christmas message or a good wish for the New Year. This mammoth collection would probably cost you 50 cents or more at any retail store. By purchasing enough of these goods to make up 50,000 packages, we got a price so low that we are enabled to make the most liberal Christmas Package offer ever known. Last year we did not have half enough packages to supply the demand of all those who wanted them and had to return money to thousands of disappointed subscribers. So if you want to be sure of receiving one of these big 225-Piece Surprise Packages absolutely free, send acceptance at once.

Here is Our Offer We will send you this big 225-Piece every item listed above, carefully packed, postage prepaid, absolutely free to all who send \$1.00 to pay for one new, renewal or extension one-year subscription to our big farm and home weekly, **The Farmers Mail and Breeze**. Use the coupon below or copy same wording on separate piece of paper. You can send your own subscription or subscription of one of your neighbors.

FARMERS MAIL AND BREEZE, Dept. 225-A, Topeka, Kansas

CHRISTMAS PACKAGE COUPON

Farmers Mail and Breeze, Dept. 225-A, Topeka, Kan.

I enclose One Dollar to pay for new, renewal or extension subscription to Farmers Mail and Breeze for one year, for which send me free and postpaid one 225-Piece Christmas Surprise Package.

My Name.....

Address.....

Healthy Cows Are Profitable

The health and contentment of your dairy cows has a very decided bearing on the quantity and quality of the milk production. Poor milkers are not backward by accident; there is nearly always a reason to be found in the cow's physical condition. Cows are like human beings—they get run down and need medical treatment to restore sluggish organs to proper working condition.

KOW-KURE is the cow medicine that is used in hundreds of the best dairies in the land. A judicious use of this old and valuable remedy will effectually prevent such common cow ailments as Abortion, Retained Afterbirth, Barrenness, Milk Fever, Scouring and Lost Appetite. Where any of these ills have crept into the herd, KOW-KURE is a most reliable treatment.

You should have KOW-KURE on hand constantly. Sold in 50c & \$1.00 packages by feed dealers and druggists.

Write for free book, "The Cow Doctor"

Dairy Association Co.,
Lyndonville, Vt.

Yes! I Challenge the World To Beat My Separator and My Price

It can't be done—and to prove it I will send this New Galloway Perfect Skimming Sanitary Cream Separator anywhere in the United States without an expert to set it up, to any inexperienced user for a ninety-day free trial to test again, any make or kind of separator that even sells for twice as much and will let you be the judge. It's the most modern, the most sanitary, the most scientific, the cream separator made today, and I have seen them all. Travel 25,000 miles over every factory in the United States and all foreign countries, and you won't find its superior at any price. Made in our factories from the finest material, on the best automatic machinery, by skilled workmen, in tremendous quantities, all parts alike, and standardized, and sold to you for less money than dealers and jobbers can buy machines not as good in carloads for cash.

This Ayrshire cow is Nona 2d of Avon, one of the famous prize-winners in my Ayrshire herd. The New Galloway Sanitary Cream Separator is like her, a thoroughbred and a leader.

Separator Catalog and Cow Book FREE

All I ask you to do is FIRST get my proposition before you decide to purchase any cream separator of any make, kind or at any price. No such price as I make on this high-grade separator has ever been made before. I save you dealer's, jobber's and catalog house profits and sell you a better separator every time. FIRST get my proposition. Just drop me a postal.

WM. GALLOWAY, Pres.
Wm. Galloway Company
43 Galloway Station
WATERLOO IOWA

90 Days' Free Trial
Ten-Year Guarantee
Simple in Design,
Easily Operated, Bath
in Oil, Easily Cleaned
Bowl, Smooth, Oval
Surface, All Parts
Interchangeable.
Leads them
all for
Close Skimming.

Milk Testing Is Simple Job

Tester For Dairy of 15 Cows Costs About \$5

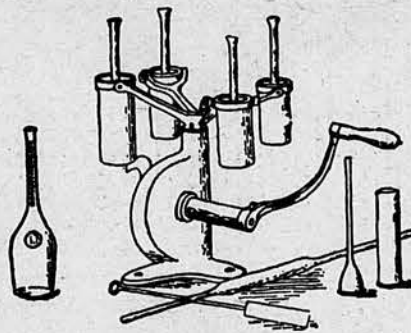
BY J. H. FRANSEN

A GREAT deal has been written about milk testing and a large number of farmers already use this test, but many persons do not fully understand it. Many seem to think that the Babcock test is a complicated process. A process that is unreliable except in the hands of experts. This idea is wrong. The test is simple, accurate, and easily mastered by anyone who will give the matter careful study and attention.

The theory of the test is simple. The fat globules of the milk will, upon standing, rise to the surface, forming a layer of cream. They do not all rise, however, owing to the viscosity which the other solids give the milk. It was found

may be used are a few drops of formalin, or a little potassium bichromate. Care should be taken in using these preservatives, owing to their poisonous character.

The accuracy of the test depends upon the care exercised by the operator. Carelessness at any point in the test may render the final results of little or no value. By the use of the Babcock test and milk scales, the farmer is able to keep a complete record of each cow and thus determine which are profit makers and which are "star boarders." The value of the time required while using the scales, milk sheet, Babcock test, and record book will be more than repaid by the elimination of one unprofitable animal from the herd.



Hand Tester of the 4-Bottle Type.

that sulphuric acid would dissolve the other milk solids without affecting the fat globules, and would thus permit them to rise to the top more readily. By whirling this mixture at a high rate of speed this process can be much hastened and more effectively performed; hence, the use of the centrifugal machine. Dr. Babcock of Wisconsin, in 1890, was the first to furnish a practical means of using these facts. His method, called the Babcock test, was given to the world as a free, scientific discovery. This test is now in general use for determining the percentage of butterfat in milk.

A 4-bottle tester with all necessary glassware for testing milk can be bought at any creamery supply house for about \$5. This size is large enough to be used for the ordinary dairy of less than fifteen cows. For larger dairies, and in many smaller ones as well, and in schools, 12-bottle testers costing about \$14 are more economical.

It must be borne in mind that the accuracy and value of the test depends largely upon the care exercised in taking the sample to be tested. If that is improperly done, the results are of little value. For example, the writer has known of cow owners, when desiring to test the milk of an individual cow, to take the sample by milking directly into a sample bottle. When it is known that the first part of the cow's milk is very poor in fat and the last part or stripplings very rich in fat, it is self-evident that such a sample would yield results of little value so far as determining the actual richness of that particular cow's milk. The entire milking should be drawn and a sample taken from the whole after complete mixing.

A composite sample which consists of a number of small samples from different milkings gives a more accurate estimate of the cow's test, because the percentage of butterfat frequently is not the same in the morning and night milkings. The several small samples which go to make up a composite sample should be proportional in quantity to the amount of milk given in the different milkings. For example, if a cow gave 20 pounds at the morning milking and 30 pounds at the evening milking, the sample from the evening milking should be one and one-half times as large as the sample taken from the morning milking in making up the composite sample.

The milk to be tested should be poured from one pail into another several times, or carefully stirred with a stirrer until it is of a uniform mixture. The sample is then immediately taken, preferably with a small, long-handled dipper. If the testing cannot be done soon after the sample is taken, it must be placed in an air-tight jar and some preservative added to keep it sweet.

Corrosive sublimate tablets, which may be secured from a creamery or dairy supply house, are very convenient for this purpose. Other preservatives which

Give Winter Calves a Start

It is easier to teach a calf to drink if it is taken from the cow before it is a day old. I begin by feeding it 2 quarts of its mother's milk twice a day. This amount is increased gradually so that it will be getting 3 quarts at the end of the first week. When the calf is 10 days old I begin to put a little grain in the vessel from which it has had its milk. It learns to eat soon after this is done. I begin to mix some skimmilk with the whole milk, when the calf is about 3 weeks old. The amount of skimmilk is increased until no whole milk is fed. As the ration is changed to skimmilk the amount of corn chop is increased. The calf should be given all the hay and water that it wishes. My calves always grow well when treated this way.

J. M. C.

Canadian County, Okla.

Have Cows Freshen in Fall

A great deal can be said in favor of spring freshening of cows, but I prefer that my cows come fresh in the fall. Early in October is a time of year that suits me very well. My cows always are in fine condition then, because they have been on summer pasture. The result is that lactation is full and free at that time.

The flies do not bother at that time of the year. It is worth a great deal for the cow and calf not to be worried by them. The calf that is born in October has time to get a start before winter and it is ready to make the best possible use of pasture in the spring.

Cows that come fresh in October furnish their maximum yield of butterfat at the time when the price is the highest, and when the cream is the easiest to care for. Their slackened period of milk flow comes in the summer when butterfat is cheap, when other work is pressing, and when flies make the best of milkers produce less.

H. J. B.
Scott County.

They Value the Mail and Breeze

I like to read Tom McNeal's Passing Comment. It is surely interesting and the whole paper is a help to the farmer. I wouldn't do without the Farmers Mail and Breeze.

Kingman, Kan. Albert Lindt.

I take a great many farm journals and none are better and few are as good as the Farmers Mail and Breeze.

Logansport, Ind. Joe Elpers.

I take three other farm papers besides the Farmers Mail and Breeze. I like the Farmers Mail and Breeze best of all.

Elm, Okla. C. W. Handley.

I think the Farmers Mail and Breeze is the best farm paper in the West.

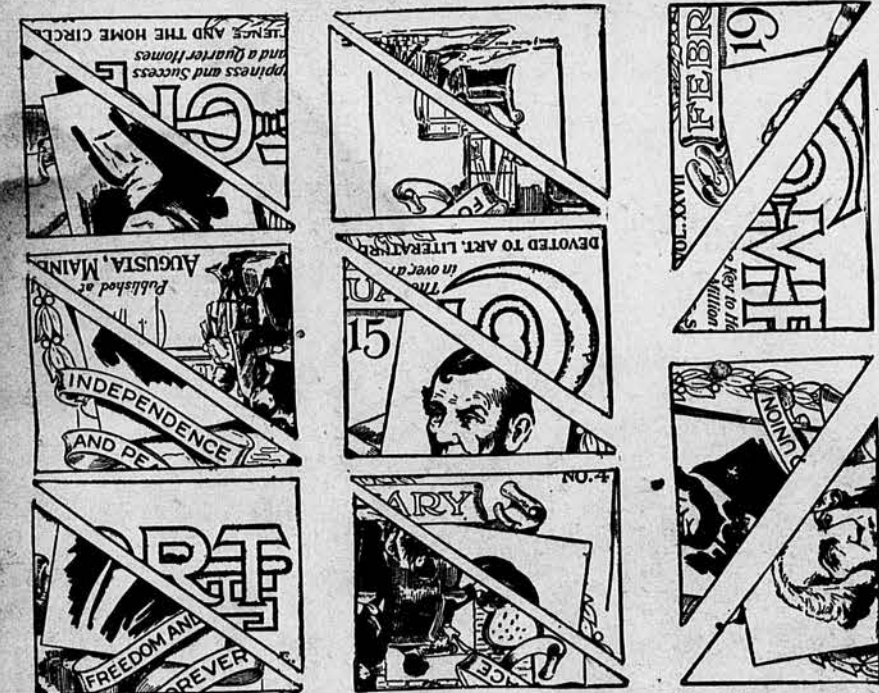
Winfield, Kan. J. M. Spoon.

As a farmer I get valuable information from the Farmers Mail and Breeze.

La Cygne, Kan. R. M. Kinsey.

Before the pullets are put in the hen-house, the house should have a thorough cleaning and disinfecting to remove all filth, vermin and disease germs.

John D. Rockefeller has given a total of \$12,550,000 to the Institute of Medical Research.



Prize Picture Puzzle—Cut It Out

If you will cut out this picture and fit the puzzle together correctly and mail it to us within one week, we will send you, as a prize for your skill, Four Startling Wonder Pictures, dissolving views that mysteriously vanish, transform and reappear repeatedly before your astonished gaze. Also some beautiful Valentine, Greeting, Birthday and Remembrance post cards, also delightful new stories as samples of the kind we publish. Remember, they are given to you if you send us the above picture put together correctly and enclose four cents to pay postage on your prize, and we will also send you our grand cash prize offer including 917 cash prizes if you request it.

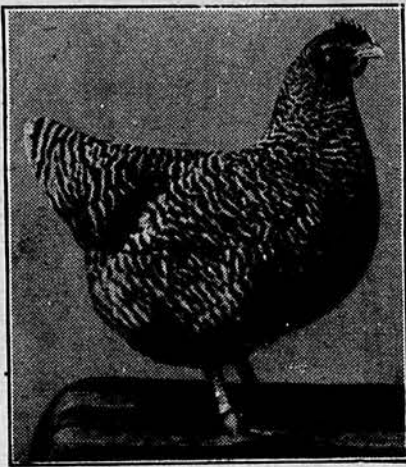
COMFORT PICTURE PUZZLE, Dept. 19, Augusta, Maine.

Planning For an Egg Farm

Methods That Have Proved Successful For an Oklahoma Farmer

BY FRANK Z. McFARLAND
Stillwater, Okla.

I HAVE made up my mind to go into the pure-bred poultry business, and raise Barred Rock chickens and Indian Runner ducks. My plan is to get my flocks bred up to a grade that I know will be safe to sell on a guarantee of satisfaction. Then I will get some stationery with the name of my poultry farm and breeds of poultry on it and will advertise my stock in the Mail and Breeze.



plenty of clean water. In this way the crop is emptied and the flavor of the flesh as well as its keeping quality is improved. Of course, the bird does not weigh as much when emptied of food, but it is better to be paid for a few less pounds of poultry than to receive only a freight bill.

Killing should be done by cutting the veins of the neck from inside the mouth, while the bird is suspended

Now I have 300 Barred Rock hens. I will select about 50 of the very best from that flock and put them in a 2-acre lot which is fenced off for that purpose, with five of the best roosters that I can get. I will raise all I can from that flock, and next year will cull out again and get roosters of new blood and so on from year to year. I have my lots cross-fenced so I can keep green feed for them. There will be no roosters in with the outside flock at all.

My chicken house for the outside flock is 16 by 32 feet with the south side open. For the breeding flock the house is 10 by 16 feet with glass windows on the south side to open or close as need be. I will feed alfalfa meal steamed, oats, corn and kafir to the laying hens. Clabber milk is also good to make hens lay. They need plenty of good clear water to drink all the time and plenty of grit and lime. I find that a good way to feed lime is to make a thick mortar of the lime and sand and pour it out on the ground and let it dry. They will pick away at it all the time and soon eat up a good big chunk. I also put a very little permanganate of potash in their drinking water every few days.

The best feed for little chicks to commence on is oatmeal and boiled eggs. I also put a pinch of permanganate of potash in their drinking water. I want to start my incubators this year in February and keep them going until April and then commence to set duck eggs. I think it pays to get the best grade of oil for the incubator.

Why Poultry Shipments Spoil

Tons of chickens, turkeys, ducks and geese were sent to the crematory, in the poultry shipping season of a year ago. Some of the birds that were passed by the inspectors gave the consumer such a strong aversion to the taste of the poultry that reaches the market in "off" condition that sales have suffered ever since.

Shippers agree that the spoilage of dressed poultry during the autumn of 1913 was unparalleled, and that the rest of the year has been, financially, one of the worst on record despite the scarcity of meat. Specialists in the United States Department of Agriculture consider that the blame rests chiefly upon the man who killed, picked, chilled and packed the poultry and sent it to market. This man bought the birds alive, hence they were not decayed when he got them. The railroads, in general, have worked diligently at their refrigerator lines and it is well known that shippers who packed their goods properly found the railroad service last autumn sufficiently satisfactory to deliver the product in good order. The receivers of poultry were hunting for stock that could be sold to a high class trade—but the inspector did not have to look far for poultry that was absolutely unfit for food.

The packer, as soon as the birds are received, should transfer them to coops so constructed that only a few birds are in the same compartment. All have an equal chance to get food, each has an abundance of fresh air and absolute cleanliness is easily maintained.

For 24 hours before killing the bird should not be fed but should be given

by the feet, to loosen the feather muscles so that the birds may be dry picked, not scalded. Scalded birds have their keeping quality greatly reduced. Care should be used in picking, to avoid bruising the flesh or tearing the skin.

After the birds are bled and picked the animal heat must be removed. The best method of doing so is to hang them, head downward, in a room having a temperature between 30 and 35 degrees Fahrenheit, where they should remain for 24 hours. The temperature must not go above 35, nor below 29 degrees, and the atmosphere cannot be depended upon to remain within these limits, hence mechanical refrigeration is an absolute necessity. If the packers last season had adhered to this one regulation it is safe to assert that the inspectors in the markets would have had to hunt a long time for a "green-struck" or "off conditioned" chicken. Putting the birds in cold water, or water and ice, is unredeemably bad. Packing in fine ice with a heavy lump of ice on top of the barrel is a continuation of an unreliable and often very disastrous method.

Every bad chicken sold, hinders or prevents the sale of a number of good chickens. The housewife remembers only that her family did not like her choice of food. Generally, she does not know whether the bird was dry picked or scalded, dry packed or iced. What she wants is a fine flavored product.

Experiment With Mash Feed

Courses in the commercial branches of the poultry industry are being offered by the Kansas Agricultural college this fall. A large class is taking work in the milk feeding of poultry.

Each student has a pen of chickens to feed twice a day. About 250 chickens are being used in the experiment. Two experiments in milk feeding are being worked out. The first consists in feeding a mash which has been mixed for twelve hours before feeding and the second a mash prepared just before feeding.

The mash in both experiments consists of 50 per cent cornmeal, 35 per cent low grade flour, 10 per cent middlings, 5 per cent bran mixed in buttermilk. The buttermilk is used to bleach the skin of the birds. The mash is weighed before feeding to determine the amount consumed by each chicken.

After the chickens have been fattened for a period of 13 days, they will be killed, picked, dressed, and packed by the classes in commercial poultrying.

Kansas Poultry Show Dates

Dec. 22-26. Garden City. John C. Snyder, Judge. A. L. Liston, Pres.
Dec. 29-31. Liberal. J. J. Atherton, Judge. G. M. Glenn, Sec.
Dec. 29-Jan. 2. Dodge City. J. J. Atherton, Judge. C. M. States, Sec.
Dec. 30-Jan. 1. Manhattan. Kansas Agricultural College Show. Ralph Searle, J. C. Snyder, George Beuoy, G. D. McClaskey, L. H. Wible, and E. W. Rankin, judges. N. L. Harris, Sec.
Dec. 30-Jan. 2. Smith Center. A. J. Meyer, Judge. O. T. Vinsonhaler, Sec.
Jan. 4-9. Hutchinson. D. T. Helmlich and J. J. Atherton, judges. W. B. Powell, Sec.
Jan. 5-9. Solomon. John C. Snyder, Judge. E. C. Comstock, Sec.
Jan. 12-16. Kinsley. Carl W. Moore, Sec.

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Lorimer of the Northwest

BY HAROLD BINDLOSS

Author of "Ranching for Sylvia," "By Right of Purchase," "Winston of the Prairie," "Alton of Somasco," and Other Stories.

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SYNOPSIS

Ralph Lorimer and Harry Lorraine, young Englishmen farmers in the Canadian Northwest, have come face to face with complete failure of their second wheat crop. Grace Carrington, whom Lorimer secretly loved in England lives with her father not far from the young men's farm. Colonel Carrington does not welcome Lorimer's attentions. Indeed the Colonel is something of a land baron and has high ambitions for his daughter. The young farmers get a contract with the railroad construction gang, but here, too, ill fortune attends them. Earth-slides cause heavy losses, and they are about discouraged when a letter arrives from England with \$1,000 for Lorimer, "lent" by some person whose identity is concealed. Grace Carrington, visiting in England, has heard of Lorimer's misfortune. Their most pressing debts are paid and they decide to continue railroad work for the year. Temperance reformers provide excitement in the graders' camp.

THE HIRED TEAMSTER.



PEAKING generally, winter is much less severe in British Columbia, especially near the coast, than it is on the prairie, though it is sufficiently trying high up among the mountains, where as a rule little work is done at that season. Still, though the number of the track-layers was largely reduced, the inhabitants of the mining region had waited long enough, and so, in spite of many hardships, slowly, fathom by fathom, we carried the railhead on. Now and then for several days, together we sat in our log-bull shelter while a blinding snowstorm raged outside and the pines filled the valley with their roaring. Then there were weeks of bitter frost, when work was partly suspended, and both rock and soil defied our efforts. One of our best horses died and another fell over a precipice. Hay was hardly to be bought with money, provisions only at an exorbitant cost, and though we received a few interim payments it was, as Johnston said, even chances either way if we kept on top, because every day of enforced idleness cost us many dollars. However, floundering through snow-slush, swinging the axe in driving sleet and rain, or hauling the massy logs through the mire of a sudden thaw, we persisted in our task, though often at nights we sat inside the shanty which was filled with steaming garments, counting the cost, in a state of gloomy despondency. Except for the thought of Grace, there were moments when I might have yielded; but we were always an obstinate race, and seeing that I was steadfastly determined to hold out to the last, the others gallantly aided me. Now, when the time of stress is past, I know how much I owe to their loyalty.

At length, however, the winter drew to an end, and the whole mountain region rejoiced at the coming of the spring. A warm wind from the Pacific set the cedars rustling, the sun shone bright and hot, and the open fringe of the forest was garlanded with flowers, while a torrent made wild music in every ravine. I was sitting outside our shanty one morning smoking a pet English briar, whose stem was bitten half-way, and reveling in the warmth and brightness, when the unexpected happened. By degrees, perhaps under the spell of some influence which stirs us when sleeping nature awakens once more to life, I lost myself in reverie, and recalled drowsily a certain deep, oak-shrouded hollow under the Lancashire hills, where at that season pale yellow stars of primroses peeped out among the fresh green of tender leaves. Then the bald heights of Starcross Moor rose up before me, and Grace came lightly across the heather chanting a song, with her hat flung back, and the west wind kissing her face into a delicate color, until a tramp of footsteps drew nearer down the track.

A man, who evidently was neither a bush-rancher nor a railroad hand, approached and said with a pure English accent:

"I'm in a difficulty, and it was suggested that Contractor Lorimer might help me. I presume I have the pleasure of addressing him. My name is Calvert."

"I will if I can," I answered, and the stranger continued:

"It's my duty to escort two ladies from the main line into the Lonsdale valley. They have a quantity of baggage, and I have no confidence in the half-starved Canadian ponies the Indians offered me. The trails are hardly safe just now, and the regular freighters hadn't a beast to spare. It would be a favor if you came with yours, and we

should, of course, be glad to recoup you for the time you lose."

His manner was pleasant, money was very scarce then, and as it happened we had been compelled to lay off for a day or two, awaiting material; so I arranged to start with him.

"A little change will be good for you," Harry said, when the man departed. "You have been looking as grim as a hungry bear lately. Jim Lawrence, I dare say, would lend you his sister's saddles."

The outward journey, made partly under cover of darkness, was arduous, for each torrent came roaring down swollen by melting snow almost bank-full, and portions of the trail had been washed away; but we reached the station settlement in safety, and after a few hours' sleep there we turned out to meet the west-bound train. It came thundering down the valley presently with the sunlight flashing upon burnished metal and the long car windows, and when amid a roar of blown-off steam it rolled into the station, I wondered with mild curiosity what kind of women the new arrivals would be. The next moment my pulse quickened as a gray-haired lady stepped down from the platform of a car, for when my companion hurried forward with uplifted hat I saw that it was Miss Carrington, while fresh and dainty, as though she had not traveled at all, Grace followed her.

Then I remembered that my place was that of hired teamster, and I stood waiting outside the baggage-car until Calvert gave me the brass checks, after which I assisted the man who came with me to cinch a surprisingly heavy load on our two pack-horses. The battered felt hat probably concealed my face, all I had on was homely and considerably the worse for wear, and it was scarcely surprising that they did not recognize me. Presently, leading Jasper's bay horse forward, I stooped and held out my hand for Grace to rest her little foot on, and when she swung herself lightly into the saddle, Calvert said:

"The sooner we start the better, the trails are positively awful. Contractor Lorimer, you will no doubt take especial care of Miss Carrington."

Swinging low the broad hat, I looked up and saw a faint tinge of crimson in the face of the girl, while again a thrill went through me when she said simply, "Ralph!" for that name had never passed her lips before in my hearing.

Then while Calvert looked hard at me and the elder lady bowed, she patted the bay horse's neck, saying frankly:

"It's an unexpected pleasure, and I have often been thinking about you, but never expected to meet you here. What a handsome beast you have brought me!"

Grace seldom showed all her feelings, for a sweet serenity characterized her, but this time I fancied that our relative positions both puzzled and troubled her, and I regretted my own stupidity in not asking who the ladies were. Still, I managed to answer that Caesar should be proud of his burden.

That was a memorable journey in various ways. In places, beaten by the hoofs of many pack-horses, the trail was knee-deep in mire, and in others it was lost under beds of treacherous shale. But Caesar was used to the mountains, and I strode beside his head, heeding neither slippery shingle nor plastic mud, for Grace chatted about her English visit, and with such a companion I should have floundered contentedly over leagues of ice and snow.

The valleys were filled with freshness, and the air was balmy with scents, while every bird and beast rejoiced with the vigor of spring. Now and then a blue grouse broke out drumming from the summit of a stately fir, white-headed eagles and fish-hawks wheeled screaming above the frothing shallows on slanted wing, and silently, like flitting shadows, the little wood-deer leaped across the trail, or amid a crash of undergrowth a startled black bear charged in blind panic through the dim recesses of the bush. Once, too, with a snarl, a panther sprang out from a thicket, and Calvert's rifle flashed; but the only result was that Caesar tried to rear upright. With fear I clutched at his rein, and it was a pretty sight to see the big, rough-coated horse settle down as if ashamed of his fright when the fair rider spoke soothingly to him. All dumb creatures took kindly to Grace, and, though Caesar could show a very pretty temper in ungentle hands, he yielded to the caressing touch of her soft fingers. Then he turned his eyes upon me with a look that seemed an apology for dividing his allegiance, while Grace

smiled under lowered lashes, as though she did not wish to meet my gaze. It was a trifling incident, but inwardly I thanked the good horse for it. Later, when we came up out of a roaring ford, through which I carefully led Caesar, with the stream boiling about my waist, into a dim avenue, she looked down at me as she said:

"This is a dream-like country, and I never imagined anything so beautiful. And yet it is familiar. Do you remember what you once said to me at Lone Hollow?"

The question was wholly unnecessary, for I could remember each moment of that night, and any one in touch with nature could understand her comment. It was a great forest temple through which we were marching, where the giant conifers were solemn with the antiquity of long ages, for it had taken probably a thousand years to raise the vaulted roof above us, with its groined arches of red branches and its mighty pillars of living wood. Nature does all things slowly, but her handiwork is very good.

"Yes," Grace continued, "it seems familiar—as though you and I had ridden together through such a country once before; I even seem to know those great redwoods well. I—I think I dreamed it, but there is another intangible memory in which you figured too."

"I could not be in better company," I answered, smiling, though my heart beat. "We are such stuff as dreams are made of, and our little life is rounded with a sleep, you know; and here among the mountains it seems borne in on one forcibly that, as I told you my partner said, man's intellect is feeble and we do not know everything."

Grace sighed, and then, though she answered lightly, there was the same puzzled look on her face that I had seen for a moment at Cypress Hollow. It seemed as if her mind reached toward something that eluded its grasp, until we both broke into laughter as a willow-grouse disturbed by the horse's feet rose whirling to a redwood branch and perched there close within reach, regarding us with an assurance that was ludicrous.

"It thinks it is perfectly safe," I said. "You might shoot until you hit it, or knock it down with a stick, and yet there is no more timorous creature among the undergrowth, unless it has a brood of chicks, when it will attack any one."

At noon we rested for luncheon in an open glade, where bright sunlight beat down upon the boulders of a stream which surged among them, stained green by the drainage from a glacier; and there was merry laughter over the viands Calvert produced from his pack.

"I did my best, Miss Carrington," he said, "but as yet they're a primitive people among these mountains—and it's not to be wondered at, with that huge rampart between them and civilization. 'Something nice for a lady?' the storekeeper said. 'Guess I've just got it.' And he planked down a salmon-fed reistit ham and this bottle of ancient candy, with the dead flies thrown in. Still, one can't help admiring them for the way they've held on, growing stuff they cannot sell, building stores where few men come to buy, and piling up low-grade ore that won't pay its pack-freight to the smelter. Also I've seen work that three men spent a year over which a hydraulic monitor would have done in a few days, while the rocks seem bursting with riches and the valleys with fertility; but they can get neither produce out nor mining plant in. Their greatest hero now is a certain enterprising director, and they'd decline an angel's visit at any time for that of a railroad builder."

"I sometimes wish I had been born a man, with work of that kind to do," said Grace with a fire in her eyes. "Which is the better for an English gentleman, to use all the strength and valor that is entrusted to him—we are taught there will be a reckoning when he must account for them—subduing savage Nature, that the hungry may eat cheaper bread, or lounging about a race-course, shooting driven pheasants—I know it needs high skill—or wasting precious hours in the reeking smoke-room of his club? If I had a brother, I should sooner see him working as a C. P. R. track-shoveler."

"Grace has strong opinions," said the old lady. "I think she is right, in a measure."

Calvert bowed. "It's in the Carrington blood. Miss Grace, I once heard one of your father's old comrades say that the Colonel could keep no officers because he wore them out, and he might have ended as General but that he reversed the positions and wanted to instruct the War Office. However, you mustn't be too hard on the poor loungers; they eat the things the other fellows grow, and some of them subscribe the money to make the new railroads go—they don't always get dividends on it either. Besides,"—and there was a twinkle in his eyes—"you

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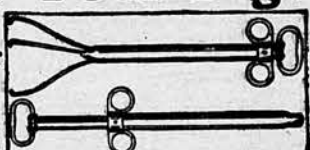
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Hundreds of our readers every year have found this the best \$1.00 gift that they could find anywhere. One dollar will pay for a whole year's subscription to the biggest and best weekly farm paper in Kansas—a gift your friends will appreciate and a gift that will remind them of you every week in the year—from one Christmas to the next.

Send us a list of your friends to whom you desire us to send the Mail and Breeze for one year. Send the regular subscription price of \$1.00 for each name and we will do the rest. It is even unnecessary for you to tell your friends about your gift unless you desire to do so, as we will mail to each of your friends a neat Christmas announcement carrying this message:

With the compliments and best wishes of you will receive the Farmers Mail and Breeze for one year. We hope that you will find this big farm paper as valuable to you as it has been to your friend, and we trust that each copy you receive will be a pleasant reminder of the friend who sends you this Christmas remembrance. The Farmers Mail and Breeze, Topeka, Kansas.

One of these announcements will be mailed to each of your friends so as to reach them on Christmas Eve or Christmas morning. Send in one or more names at once, with remittance at the rate of \$1.00 each, so that we can have plenty of time to enter the new subscription, to start with the first issue of the new year and time to mail the announcement to your friends. You may be sure that this is a gift which will be appreciated—one that will be giving valuable service after most other gifts are forgotten. Address your orders to The Farmers Mail and Breeze, Gift Dept., Topeka, Kan.

are making my new friend uncomfortable. He is a railroad builder. Are you working for philanthropic notions, Mr. Lorimer?"

"No," I answered soberly; and the rest of the party laughed as I added: "Only to pay back what I owe and we are making slow progress in that direction. Still, the work has its fascination, and it will last and be useful after we are gone."

Then, while Calvert spoke to Miss Carrington, Grace turned toward me with a sudden look of interest.

"You are not exactly prospering, I gather," she said, "and I am very sorry. Please begin when you left Fairmead and tell me all the story."

I did so—perhaps not very clearly, for she asked many questions during the course of the narrative and her eyes sparkled at the story of our profitless struggle in the coulee.

"Flour—poor thirds; whose brand?—local pork—and doubtless the cheapest tea, you lived on. I manage the affairs of the Manor, and may I ask what your grocery list came to? How much maize and oats for the horses? Thank you. It was just as one might have expected. No, I have never been disappointed in either Harry Lorraine or you."

She dragged the particulars from me—and no one, much less Ralph Lorimer, could refuse to answer Grace Carrington—with a skill that came from practical knowledge of such details, before I even guessed what she wished to arrive at. Then she laughed at my confusion.

"You have no need to blush. Starved yourselves and fed the cattle. It was well done. And didn't the new partner grumble?"

"No," I answered, glad to change the subject. "Johnston never grumbled at anything in his life, I think. It was he who managed the commissariat."

"Do you realize, Mr. Lorimer, that you are in many ways a lucky man?" she added. "I understand perfectly what it means to lose a crop and carry out an unprofitable contract. But it is in reference to your comrades I speak. Fearless, loyal partners are considerably better than the best of gear with half-hearted help, and it is evident that you have them."

"Yes," I said. "No man ever had better; and it is quite true what you say. With a loyal partner a man may do very much, and, if he is sure of himself, with a higher mind to show him the way, he might reach out toward the heavens and—"

Here I stopped abruptly. Wild thoughts were crystallizing into words I might not speak, and I grew hot with the struggle to check them, while I fancied that Grace blushed before she turned her face away. I know my brow was furrowed and my fingers trembled, so that it was a relief presently to hear her musical laugh.

"You are not an orator," she said, turning around calmly; "and perhaps it is as well. It is not orators who are wanted in this country. Your eloquent beginning too suddenly breaks away. But don't you think we are in the meantime drifting into idle sentiment? And you have asked me neither where I am going nor about Colonel Carrington."

It was true; the first would have seemed presumptuous and I did not care greatly about the redoubtable Colonel's health.

"He has invested some money in a new mine in the Lonsdale district," she said; and there was a slight cloud on her brow as she continued: "The Manor farm has lately cost us, through bad seasons, more than we made from it. So, while Foster takes charge, we are going to live in a ranch up here this summer, in order that my father may assist in the development of the mine. He is practically the leading partner, and until your railroad is finished there will be serious transportation difficulties. I hope you will come to see us often."

"Time is up!" said Calvert.

I helped Grace into the saddle, and the rest of the perfect afternoon passed like a happy dream. Even if alone, at that season the mere sounds and scents of reawakening Nature would have elated me; but then I strode on, holding Caesar's rein, lost in the golden glamour of it all, until snow peak and solemn forest seemed but a fitting background for the slender figure swaying to the horse's stride, while the pale, calm face brought into the shadowy aisles a charm of its own. Once—and I could not help myself—a few lines written by a master who loved Nature broke from me, and for a moment Grace seemed startled. It was a passage from the first home-coming of Queen Guinevere.

"Shall we thank Providence for a good conceit of ourselves?" she said lightly, a little later. "You are hardly a Lancelot, Sir Railroad Builder; and she—is it a compliment to compare me with Arthur's faithless Queen?"

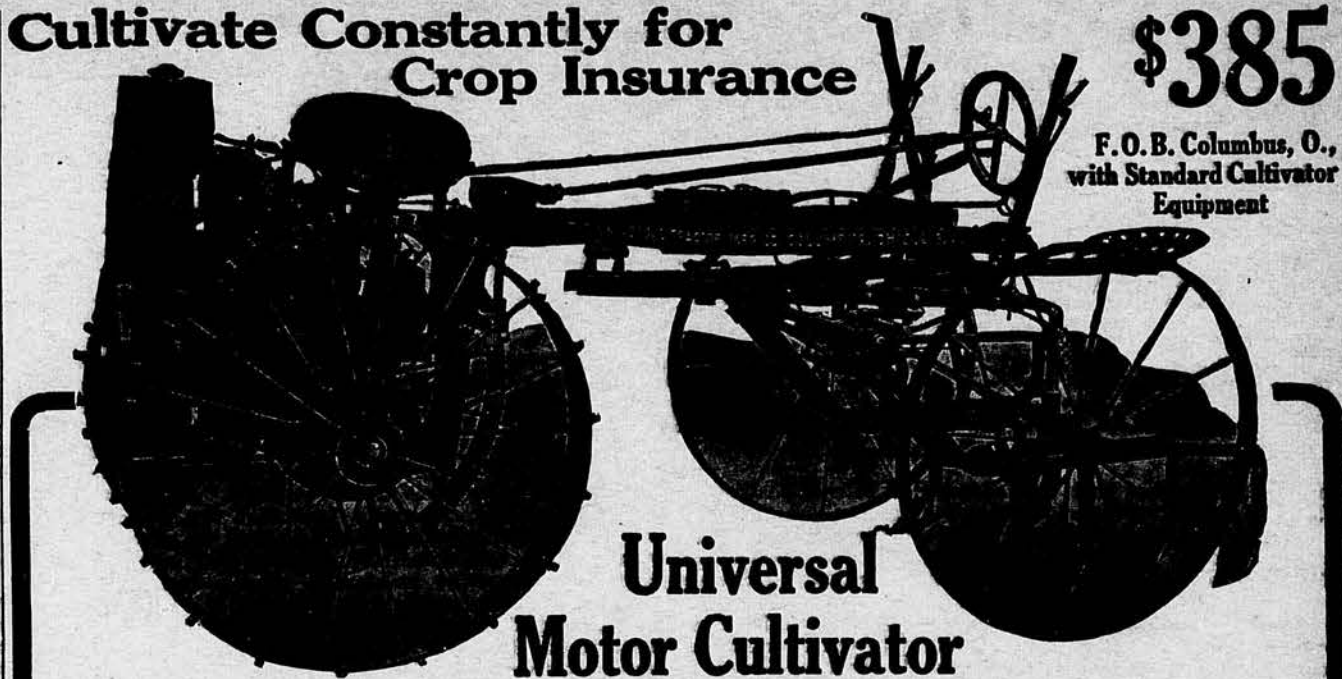
Thereupon I lapsed into silence, feeling like one who has blundered on the edge of a precipice; and Grace was

(Continued on Page 22.)

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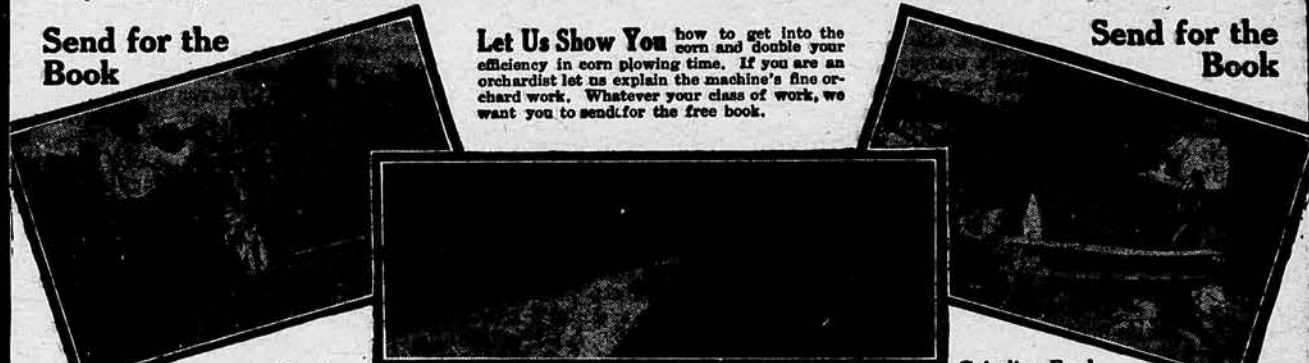
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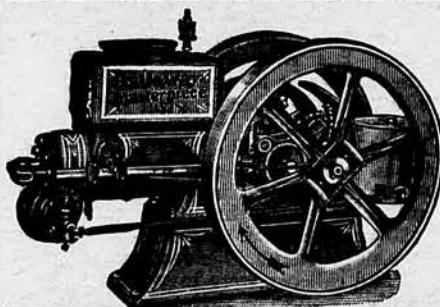
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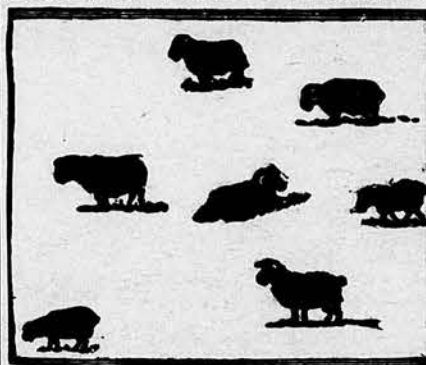
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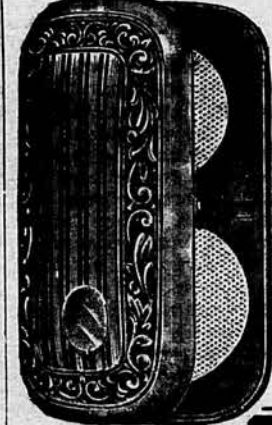
Remember the Saxon car will absolutely be given away when the grand contest closes March 31, 1915. In case of a tie a Saxon car will be given to each person so tied. Send your answer at once so you can be entered in this great contest. Full particulars by return mail.

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This new style thin model coin Purse is heavily silver plated and opens with push spring just like a watch case. It has a beautiful engraved design on both sides as shown in illustration. The illustration also shows the arrangement of the inside of the case. On one side are two coin departments for holding dimes and nickels. The coins are held in place by a concealed spring so that there is no danger of losing them if the case comes open. On the other side is space which can be used for postage stamps or currency. This case is 1½ inches wide by 2¼ inches long and is fastened to a nice 4½ inch silver plated chain. We guarantee that you will be more than delighted with this beautiful little purse.

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GRAVEST CRISIS IN HISTORY CONFRONTS AMERICAN RAILWAYS

WAR HAS CLOSED FINANCIAL MARKETS OF EUROPE TO THEM INDEFINITELY

In view of the fact that the railroads of Kansas have filed an application for an increase in passenger rates before the State Public Utilities Commission, it is their desire to utilize this occasion for an intimate and frank discussion of the whole railroad question with the people of this state. To this end, the careful attention of the reader is invited to a series of articles which will appear in this newspaper during the next few weeks. All that is asked is that the people of Kansas, whose broad-mindedness is a by-word throughout the country, do the railroads the justice to listen to their side of the story—and then form such conclusions as they think the facts warrant.

That the railroads of the United States are today confronted by the gravest crisis in their history there is not the slightest question. For some years they have been desperately struggling with an ever increasing cost of operation in the face of reduced freight and passenger rates—but serious as this situation was before, the European war, which has indefinitely closed to them the foreign money markets, has suddenly brought them face to face with a situation which threatens not merely many new receiverships but the actual paralysis of the entire transportation industry of the Nation. It was this state of affairs which compelled the closing of the New York Stock Exchange some months ago. What will happen in the future the future alone can tell. American railroads are valued in round figures at twenty billion dollars, and of this vast sum nearly five billion dollars worth of securities are held abroad. Should Europe, in its frantic struggle for funds, seek to convert these securities into cash during the next twelve months, where is the money to come from with which to buy them?—and failing to protect these securities, what demoralization will follow not merely in railroad investments but in all other American industrial values as well? The recent statement of David Lloyd-George, Chancellor of the Exchequer, that the inability of Englishmen to convert their American investments into cash is crippling Great Britain in its present emergency is ominously significant. Possibly the New York Stock Exchange may be able to resume operations without disaster for the time being but that the finances not merely of the United States but of the world will be subjected to a strain without precedent in history during the next year or two is so apparent that it requires no extended comment. In a future article this phase of the question will be dealt with more fully.

PRESIDENT WILSON'S VIEWS.

That the situation is profoundly serious is manifested by the recent utterance of President Wilson to a group of Eastern railroad executives. In his letter to Mr. Trumbull of the Chesapeake & Ohio he said:

"You ask me to call the attention of the country to the imperative need that railway credits be sustained and the railroads helped in every possible way, whether by private co-operative effort or by the action wherever feasible of governmental agencies, and I am glad to do so, because I think the need is very real.

"They are indispensable to our whole economic life, and railway securities are at the very heart of most investments, large and small, public and private, by individuals and by institutions.

"I am confident there will be earnest and active co-operation in this matter, perhaps the one common interest of our whole industrial life.

"Undoubtedly men, both in and out

of official position, will appreciate what is involved and lend their aid heartily wherever it is possible for them to lend it. But the emergency is in fact extraordinary and where there is manifest common interest we ought all of us to speak out in its behalf, and I am glad to join you in calling attention to it. This is the time for all to stand together in united effort to comprehend every interest and serve and sustain it in every legitimate way."

RAILROADS LOST MILLIONS.

The net operating income of the railroads of the United States for the year ending June 30, 1914, was \$120,000,000 less than for the previous year. The gross earnings for the year were \$44,000,000 less than for 1913—while expenses and taxes were \$76,000,000 more. But heavy as this burden was before, the great struggle across the seas, carrying in its wake the destruction of untold hundreds of millions of dollars' worth of all kinds of property, renders the situation a thousandfold more serious. It means, in short, that for a number of years to come Europe will have no surplus money for investment in the United States or elsewhere, and that American railroads will have to finance their future needs at home. How Herculean this task will be, saying nothing about protecting themselves against the dumping of foreign securities, may be judged from the fact that the bond and note obligations which will mature between now and the end of next year and which the railroads will have to meet in some way amount to more than \$563,000,000—and this doesn't take a dollar's worth of new improvements or betterments into consideration. These are obligations which were incurred in the past and which must be met as they fall due if the transportation companies are to be preserved from wholesale receiverships and ruin.

Manifestly, therefore, American investors, big and little, will have to come to the rescue—and before they will consent to do this American railroad securities will have to be re-established as a sound, respected and paying investment—and this, on the basis of present railroad earnings, is impossible.

For this reason the railroads of Kansas believe the impending crisis demands that they lay this whole problem before the people of the entire state—that they have a heart-to-heart talk with the farmer, the merchant, the manufacturer, the banker, the laboring man, and all other citizens upon this great question which so vitally affects the future welfare of the commonwealth.

WHY RAILROADS ARE HELPLESS.

In times of acute financial stress, private industries are in position to very largely adjust their affairs to meet the emergency. They can advance the price of their commodities, cut their pay roll in half, or shut down altogether and thus permit the storm to blow over without actual shipwreck. The railroads as quasi-public enterprises, however, are in an entirely different position. Their rates are regulated by law and cannot be advanced without the consent of the people through their law making bodies. In order to please the convenience of the public and not to break down the commerce of the country they must operate their freight and passenger trains whether they carry a full load or only a quarter of a load—and in view of these facts, it is manifestly unfair to put the railroads in the same class with private industries in the present crisis and ask them to shift for themselves as best they can. When the people took over the complete making

and regulation of railroad rates, they at the same time assumed the solemn implied obligation to see that the railroads get a square deal—for this is the only power which stands between them and ruin.

We believe every intelligent citizen will agree that agriculture, commerce and industry cannot get along without the railroads. On the other hand, the railroads cannot get along without the patronage and, what is equally essential, the good will, of the people. That some of those who have been entrusted with railroad management in the past are somewhat responsible for the apparent gulf between the public and the transportation companies is perhaps true. Busy and harassed by the Herculean tasks entrusted to their care, there has been too little contact between them and the people. Again, it is undoubtedly true that the world of railroad finance as well as other lines of industrial activity has had its share of inexcusable abuses—but just as the public does not hold the banking world or the ministry responsible as a whole for the shortcomings of an occasional black sheep, so the hundreds of honest railroad officials throughout the country should not be condemned because of the misdeeds of the few.

WHO OWNS THE RAILROADS?

In this connection it may be said that the railroad world is encumbered with a lot of phantoms which exist only in the popular fancy. For instance, because there have been some half dozen so-called railroad magnates whose names have figured prominently in Wall street, many people have come to believe that the railroads of the country are largely owned by a few rich men. As a matter of fact, nothing could be farther from the truth. Out of the colossal sum of twenty billion dollars invested in American railroad securities less than 5 per cent is now, or ever has been, in the hands of these men who have figured prominently in the newspaper headlines—while the other 95 per cent is in the hands of nearly two million investors, large and small, who in many instances have put the modest savings of a lifetime into these securities in order that they might lay away a competency for old age.

When, therefore, the value of these securities is depressed, or perchance destroyed, the hardship is tenfold greater upon thousands of every-day citizens—upon the frugal mechanic in a New England factory, the widow with her life insurance funds, and the countless other citizens in every avocation and walk of life than upon the handful of millionaires, good or bad, who have figured prominently in railroad circles. Thus, for instance, the great Pennsylvania System has over 70,000 stockholders, while the Santa Fe has over 40,000, and the same ratio holds good in nearly all the other lines.

But that isn't all. For many years railroad bonds were considered the safest and soundest investment in the country, and hence hundreds of millions of the assets of our great life insurance companies, banks, benevolent associations and colleges were invested in them, and the moment, therefore, that the soundness of these securities is affected the financial solidity of these myriad institutions is greatly menaced at the same time.

Carrying it a step further, it means that every holder of an old line life insurance policy and millions of depositors in savings and other banks, and those interested in many fiduciary, benevolent and educational institutions are directly concerned in the present situation, which threatens to largely destroy the former high regard in which an investment in railroad bonds was held.

In the impending crisis, therefore, not merely the fate of our transportation system is at stake, but along with it the very financial integrity of our entire investment world—and this only goes to show how vast and overshadowing our railroad industry has become—how they are not merely the giant arteries of agriculture and commerce, but how closely their welfare is woven into the woof and fabric of the entire nation. Among other things, it should remind us how interdependent we have come to be in this mighty republic of ours—that each is in truth becoming more and more his brother's keeper, and that we need to think and act carefully lest in our mis-

taken zeal we destroy those who, like ourselves, need whatever of this world's goods the toil and sweat of years has brought to them.

During the next few weeks we promise the reader the most intimate and far-reaching discussion of the railroad question that has ever appeared in the public press, and we trust that all thinking citizens in the state will read what is said carefully. The facts and figures given will be based upon public records, and hence easily capable of verification. Especially do we ask that farmers whose market facilities and land values are so vitally affected by the railroad problem will follow the forthcoming articles closely—for agriculture and transportation are easily the nation's two greatest and most fundamental industries.

(To Be Continued Next Week.)

As to Road Laws

I notice that a movement is advocated by some persons to create a state highway commission to have charge of all roads and bridges in the state. I think this would be very bad policy. While we are all in favor of good roads, there are no persons so much interested in them as those living in the direct vicinity of the road. There usually is plenty of local talent to build roads and small bridges and culverts and if any more talent is needed we have the state engineer of highways who is always ready and willing to assist the local authorities. It is the man that handles the pick, shovel, road plow, and grader that builds our roads and not the man behind the desk, with pencil and paper. We have too many officers now. If the coming legislature will abolish some of the present offices and not create any new ones, and leave local matters as much as possible with the local authorities, it will be a great relief to the taxpayers. These statements are based on my many years experience as township trustee and county commissioner.

Daniel McArthur.

R. 6, Manhattan, Kan.

Christmas Candles

(Continued from Page 3.)

faded from the winter sky, Jennie and Toys stole out of the house, having first placed Colleen at the window. It was almost too dark to see what the shadow figure was doing as it moved about the spruce tree on the snow covered knoll. Now and then there was a spark of light, a gleam of gold in the darkness, and still the dim figure of the old woman continued to move about the tree.

Suddenly a match flared out in Jennie's hand and dimly revealed a glorified spruce tree. Then Jennie stood up on a chair and lighted all the candles, which glowed in the darkness, and their light was reflected a thousand times in the gold and silver balls upon the tree and the sparkling snow beneath.

Jennie looked up at the grim hospital building and smiled as she went in out of the cold to watch the tree with Toys and Colleen.

From one of the hospital windows a little sick girl was watching too. For a long time she had been lying there staring into the darkness. One of the nurses was singing a Christmas hymn and the tender melody floated into the child's room:

So of old the wise men, watching,
Saw a little stranger star,
And they knew the king was given,
And they followed from afar.

As the voice ceased, a single starry light gleamed out in the darkness and trembled there alone for a moment.

"The star! the star!" cried the child, and then another twinkling light appeared, and another and another, until at last the cluster of glowing candles revealed that sparkling Christmas tree standing there in the snow.

"Oh, the fairy look of it out there in the night!" she whispered. "It's beautiful than any tree I ever saw."

Then clasping her hands she said, "I'm so happy I don't know what to do. Dear Jennie Post, I'm going to take care of you when I get well."

The sick child lay very quiet after that and watched the spruce tree until the twinkling lights went out upon the snow covered knoll.

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Let us send you letters from hundreds of enthusiastic and satisfied owners.

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Use Kerosene or Gasoline. We have solved the fuel supply problem by making the *Big Four* with *double purpose carburetor* that uses either kerosene or gasoline. We have a tractor for any size farm—Big Four "45," 6 cylinder, 3 speeds—Big Four "30," 4 cylinder, 3 speeds—Big Four "20," 4 cylinder, 3 speeds—Emerson Model L, 4 cylinder, 2 speeds.

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WELL IMPROVED corn, wheat, alfalfa and truck farms. Southeast Kansas and Northeast Oklahoma. \$35.00 to \$50.00 acre. Write for list. J. K. Bentley, Coffeyville, Kan.

TRACTS of 160 to 480 acres; smooth, raw wheat land close to good towns in W. Kansas and E. Colorado. \$4 an acre up, cash. Choice relinquishments cheap. Cash bargains all over Kansas and the Southwest. Christensen Realty Co., Hutchinson, Kan.

FOR SALE. One of the best 240 acre farms in Reno County, Kan., 2 mi. from good town. Soil black sandy loam; level; good improvements. Close to school, R. F. D., etc. 200 a. now in crop. Write owner, M. G. H.—173, Copper Bldg., Topeka, Kan.

FOR BARGAINS in improved farms in Catholic settlements. Exchanges made. Write Frank Kratzberg, Jr., Greeley, Kansas.

320 ACRES. 1/2 mi. this town, fine improvements; 80 acres alfalfa. \$75 acre. Terms. J. P. Donahue, Mound Valley, Kansas.

HARPER COUNTY, Kansas. First class land, \$30 to \$45 per acre. Write us now. J. E. Couch Land Co., Anthony, Kansas.

GOOD, smooth wheat and alfalfa lands at \$15 to \$25 per acre. Write for price list, county map and literature. Floyd & Floyd, Ness City, Kansas.

160 A. 3 mi. Madison, improved; good water, 80 in plow. Price \$40. For further information and list write P. D. Stoughton, Madison, Kan.

CLARK COUNTY—820 a. southwest of Kingsdown on R. I. R. R. 400 a. cultivated. Mile to P. O. and school. \$18,000. R. C. Mayse, Owner, Ashland, Kansas.

LABETTE COUNTY—SOUTHEAST KANSAS 120 a., 70 cult., 10 a. tame grass, bal. blue stem. Improved, 5 miles Parsons. I. M. Hinds, Owner, Mound Valley, Kan.

KANSAS LAND or income wanted for part or all of 156 residence lots in heart of Leavenworth; gas, water, etc. Value \$35,000. Owner, G. Lovett, 514 Northrup, Kansas City, Kan.

80 A. 5 1/2 mi. Osage City; 35 a. cult., 5 a. clover, bal. native grass. Family orchard, good house and barn; plenty of water. Close to school and church. BARGAIN. \$2300; easy terms. Rosenquist & Renstrom, Osage City, Kan.

SMOOTH 80, fair improvements, all in wheat; 1/2 wheat goes with farm. 3 mi. town in Montgomery Co., Kan.; \$55 per acre. E. P. Hight, Independence, Kansas.

LOOK HERE. 110 acres, 3 1/2 mi. of town, good imp. Close to school and church. 40 in alfalfa, 30 bluegrass, bal. pasture. \$55 an acre. Send for list. Overman & Long, Melvern, Osage Co., Kan.

160 A. improved, 120 cult., 30 pasture. Windmill. Big hen house, good cellar. Mile to school. R. F. D. and phone. \$45 a. Terms. Thos. J. Stinson, Spearville, Kan.

FOR SALE: 160 a. dairy and alfalfa farm; fair improvements; 1 1/2 mi. to Council Grove. Price \$55 per acre. Figley & Dilley, Council Grove, Kan.

FOR SALE: 640 acres improved ranch. 120 a. cultivation, bal. pasture. 75% tillable. Living water. Will consider income property for part purchase. Price \$25 per a. L. E. Pendleton, Dodge City, Kansas.

FOR QUICK SALE TO SETTLE ESTATE. Best combination grain and stock farm in Sedgewick Co., Kan., for the money. 540 a., 320 a. in cultivation, 220 a. river bottom; living water. Well improved. Price \$25,000. Liberal terms. C. F. Fouquet Inv. Co., Andale, Kansas.

480 ACRES in Ford county, 5 mi. of good town. 220 acres in cult.—100 acres in wheat—260 in pasture; some alfalfa, good 7 room house with bath—hot and cold water. Cellar; 2 large barns and sheds for stock; 2 granaries. Young orchard. Pit silo, three wells and windmills; all machinery and feed. 25 head of Polled Angus cattle; 10 head of mules and horses. Possession at once. Price \$45 per a. Terms, 1/2 cash, bal. three or five years. This is a SNAP. Lock Box 38, Ford, Kansas.

160 A. smooth land, 2 mi. high school town; 150 a. cultivation; 18 blue grass; 14 clover; 32 wheat; good house; barn; corn crib; chicken house; well; cistern. Price \$9,000. \$1,500 down. 80 a. smooth land; 5 mi. town; 15 blue grass; 5 meadow; remainder corn; 7-r. house; barn; other buildings; well; cistern. Price \$60 per acre. 50 a. 3 mi. Ottawa; modern house; barn; garage; 8 a. blue grass; 5 a. timber; 20 alfalfa. Price \$200 per acre. Mansfield Land Company, Ottawa, Kansas.

COFFEY COUNTY, EASTERN KANSAS. Good alfalfa, corn, wheat and tame grass lands. List free. Lane & Kent, Burlington, Kan.

CATHOLIC FARMERS WANTED. Just got hold of 35 quarters of good farm land in Butler Co., Kan. Close to Catholic church; can sell any amount on easy terms. Write me. Guss Schimpff, Burns, Marion Co., Kansas.

SALE ON WHEAT PLAN. A limited amount of extra good land in Ness Co., Kansas, to sell on "wheat plan." Just a few dollars down, balance from crop only. What better would you want? Write today for particulars. C. F. Edwards, Ness City, Kan.

EASTERN KANSAS 136 a. imp., lays well, \$40.00. 80 a. improved, lays well, \$35.00. Exchanges made. T. K. Brackett, Pleasanton, Kan.

KIOWA COUNTY Land bargains. Write for descriptions. Several of my own farms; can make terms to suit. C. W. Phillips, Greensburg, Kan.

173-Acre Snap Only 4 mi. Wichita; smooth black loam soil; good 9-room house, big barn, etc.; possession; \$5,000 cash, time on bal. E. M. Mills, Schweitzer Bldg., Wichita, Kan.

IN SWEDISH SETTLEMENT 160 a. 2 mi. Savanburg, Allen Co. Smooth; good roads; 20 a. meadow pasture; bal. cult. 8-room house; good barn; cement milk house; family orchard; well fenced and watered. Price \$60 per a. Terms. A bargain. Lela Land Co., Iola, Kan.

Sedgewick County Farm Bargains 145 a. farm, good 7 room house, outbuildings, barn, 15 a. alfalfa, best of land, \$60 per a.; \$3,450 handles it. 160 a. farm, 9 room house, good barn, all good land, 30 a. alfalfa, 45 a. wheat goes. This snap, \$65 per acre. 320 a. wheat and alfalfa farm, fair improvements, level land, soil dark loam, only \$45 per a. 250 a. now in wheat. These 3 farms are great bargains. H. E. Osburn, 227 E. Douglass, Wichita, Kan.

FOR SALE OR EXCHANGE all my fine grain farms for clear income. Tate, Howard, Kansas.

WRITE for my large sale and exchange list. Jess Kliner, Garden City, Kansas.

LANDS and mdse. sales or exchs. made quick. Co-Operative Realty Co., Humansville, Mo.

CASS CO. FARMS for sale or exchange. W. J. Dunham, Creighton, Mo.

70 ACRES improved. Close to school town. Want residence. 160 improved. Want 80. Box 2, Richmond, Kan.

A FINE 500 acre ranch, 60 miles from Topeka, to trade for smaller place. Theo. Veste, Olpe, Kan.

WANTED TO LEASE—Or will trade level wheat land for cattle ranch of from 1,000 to 3,000 acres. Address. Thos. J. Grace, Cheney, Kansas.

FOR EXCHANGE: 1st class 4 apartment modern flat located in Muskogee, Okla. Want good Kansas farm close to high school. For good exchs. and bargains see or write National Realty Exchange, 227 Court St., Muskogee, Okla.

160 FINELY IMPROVED; want Ray or Carroll Co., Mo., land. 160 or 200 a. E. M. McGinnis, Princeton, Kansas.

TRY BIGHAM & OCHILTREE, they sell and trade farms and property. 802 Corby-Forsce Bldg., St. Joe, Mo.

FOR SALE OR TRADE—80 acres, 2 miles from town in Arkansas River Valley. Pumping plant furnishes 2000 gallons per minute. 67 a. alfalfa, cut from 6 to 8 tons; good improvements. Family orchard. Box 295, Garden City, Kansas.

TO TRADE FOR MERCHANDISE—Two farms, 320 acres each, in good neighborhood, well located, both well improved, good quality land, one mile from church and school. Will trade clear or carry part on land. Address Chas. W. Ellsasser, Liberal, Kansas.

SMOOTH FARM FOR SALE

160 acres smooth land near Colony, Anderson Co., Kansas, 80 acres hay, 80 under plow, good soil, small house and barn. Is offered at a snap, only \$5,000; no trade. Address J. F. Ressel, Owner, Colony, Kansas.

Chase County Farm

160 acres 3 miles from Saffordville and 12 miles from Emporia. 125 acres fine land under cultivation, balance meadow, pasture and some timber. 25 acres in alfalfa. 200 ton silo, 7 room house, stable, etc. Daily mail, telephone. \$11,000.00. Terms on half. No trade. J. E. Beecock & Son, Cottonwood Falls, Kan.

If You Can Trust Your Eyes; Come to See This Bargain Now

160 a. 3 mi. Parsons, Kan., 4 1/2 mi. smaller town; good 4 room house, good new barn and other outbuildings. 80 a. bottom land protected by levy so it can't overflow will grow alfalfa or anything, balance upland; good well water; on route and main road. Price \$50 per a., if sold soon. Good terms. No trade. D. D. Walker, Parsons, Kan.

BOTTOM FARM FOR SALE

190 acres of fine bottom land 6 miles from Lawrence, Kansas, 2 miles from shipping station on main line of Santa Fe. 120 acres of wheat, 20 acres of alfalfa, balance corn land, mostly all plowed for spring. All improvements new. Fine 6 room cottage, granary 30x40 feet, capacity 4,000 bushels of wheat. Barn 20x40 with 16 foot shed on two sides. Never failing well with gas engine pump. Price \$110 per acre, one-half cash, bal. on time. No trade. This is an extra good deal and will bear close inspection. THE HOSFORD INVESTMENT & MORTGAGE COMPANY, Lawrence, Kansas.

OKLAHOMA.

FOR LISTS and prices N. E. Okla. farms, write Elliott & Mabrey, Fairland, Okla.

SPECIAL Oklahoma bargain list free. Some trades. Write Harvey Cox, Hooker, Okla.

WE SELL THE EARTH that produces alfalfa and corn. W. E. Wilson Realty, Walters, Ok.

F. M. TABLTON & CO. will mail you list of farms in northeast Oklahoma. Write them. Vinita, Oklahoma.

FARM FOR SALE which has been rented for past ten years and paid owner 10% net income. Sell on terms. Southern Realty Company, McAlester, Okla.

OKLAHOMA LAND FOR SALE Good land in Northeastern Oklahoma, which was part of the old Indian Territory, price from \$20 to \$35 per acre. Write for price list and literature. Agents wanted. W. C. Wood, Nowata, Okla.

NEW MEXICO

BLACKSMITH and machine repair shop fully equipped, including residence in good town, fine healthy climate. Part terms. Also irrigated farms and ranches. Braley & Ball, Fortales, New Mexico.

ARKANSAS

LITTLE RIVER valley lands rich and cheap. On railroad. Robt. Sessions, Winthrop, Ark.

WRITE for land list and tell us just what you want to buy or trade. Horton & Company, Hope, Arkansas.

IF INTERESTED IN N. E. ARKANSAS farm and timber lands, write for list. F. M. Messer, Walnut Ridge, Ark.

FRUIT, grain and stock farms, all sizes, in Benton Co., Ark. Banner county of state; low prices and easy terms. Gentry Realty Co., Gentry, Benton Co., Ark.

345 ACRES; 75 acres fenced and 30 in cultivation; two sets of improvements and located in the heart of stock raising district; price \$10 per a. Write for list of bargains. Arkansas Investment Co., Stuttgart, Ark.

FOR SALE—60 acres fine land, 40 in cultivation; house, barn, outbuildings, orchard, fine water; two miles from good town; 13 from Little Rock. \$1,500; also 640 rich land unimproved, \$7.00 per acre. F. J. Ray, Bankers Trust Co., Little Rock, Ark.

1900 acres of first class farming land, well improved. Price \$30 per a. Write for particulars. Will take part trade. W. B. Lane, Hope, Ark.

ARKANSAS STOCK FARM 400 a. 3 mi. Morrilton, on 2 public roads. Good neighborhood. 260 a. in cult. and pasture, 135 creek bottom and 135 good upland. Bal. timber. 3 sets imp. One 6-room frame house. Splendid stock farm. \$9000. Stephens, Cazort & Neal, Morrilton, Ark.

FOR SALE—60 acres fine land, 40 in cultivation; house, barn, outbuildings, orchard, fine water; two miles from good town; 13 from Little Rock. \$1,500; also 640 rich land unimproved, \$7.00 per acre. F. J. Ray, Bankers Trust Co., Little Rock, Ark.

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BUY AN OZARK STOCK FARM

Many Ozark farmers are making money raising hogs, cattle and chickens. The fine open winters make it unnecessary to provide expensive quarters and the stock can range nearly the entire year. There is little disease in the Ozark region. A few good brood sows, cows and hens will soon pay for an Ozark farm. Any of the following firms can sell you such a farm. Write them for literature.

320 ACRES, 1 1/2 miles Lebanon; well improved. Price \$55 per acre. No trades. Stillwell Land Co., Lebanon, Mo.

FRUIT and timber, clover and bluegrass land, \$10 to \$25. Write for lists. South Missouri Land Co., Mountain View, Mo.

WHITE RIVER CLUB sites on lake. Farms, ranches, city property; mineral, fruit, poultry land. White River Realty, Branson, Mo.

480 A. STOCK RANCH, Estancia Valley, N. M. Valley land, well imp., \$9,600. Near R. R. Want income. F. M. & C. G. Morgan, Springfield, Mo.

MISSOURI

WRITE Bedell & Co., Springfield, Mo., for prices on grain, stock and dairy farms.

STOP! Listen! 120 acre impr. farm \$900. Other farms. McGrath, Mountain View, Mo.

WRITE for farm lists in Cedar and Vernon Cos., Mo. Shaw Bros., Eldorado Springs, Mo.

VERNON CO. Write for list of farm and city prop. Exs. W. W. Armstrong, Nevada, Mo.

CHOICE Vernon Co. prairie farms. Easy terms. \$20-\$60 a. W. H. Hunt, Schell City, Mo.

1120 A. Vernon Co. Fine impr. 800 a. cult. Clear. Can borrow \$25,000. Price \$44,800. G. W. Dupue, Drexel, Mo.

\$5.00 DOWN, \$5.00 monthly, buys 40 acres grain, fruit, poultry land, near town; healthy location, excellent bargain. Price \$220. Box 425-G, Carthage, Mo.

ATTENTION, FARMERS.

If you want a home in a mild, healthy climate with pure water and productive soil and where land can be bought at a reasonable price write Frank M. Hammel, Marshfield, Mo.

THE Modern Promised Land is Southeast Missouri. All alluvial soil, where wealth and health abound. Corn, wheat, clover, alfalfa, clover. Send for literature. C. F. Bruton R. E. & I. Co., Sikeston, Mo.

80 ACRE FARM, partly gentle rolling, partly bottom; no rocks, no gravel. 35 a. clear, rest timber. 2 room box house; rest of improvements not much. Would make by work and some money good home. 2 miles from Naylor, Mo. \$15 per acre, any terms accepted. F. Gram, Naylor, Mo.

SOUTHEAST MISSOURI LANDS. If you want to become independent buy land in Scott county, Missouri, in the rich drained lands that raise anything and raise it certain. All we ask is a chance to "SHOW YOU." Prices very reasonable. Write for literature. F. S. Bice, Oran, Mo.

WRITE for booklet and lists on Ozarks. We have best dairy, poultry, and fruit country there is in the U. S. Pure water, short feeding months, grow all kinds of grasses. Have State Fruit and Poultry farms and large creamery located here. J. A. Wheeler, Mountain Grove, Mo.

Farmers or Stockman's Opportunity. 152 a. well improved farm, 2 mi. from Aurora. Also 320 acre ranch near Aurora. These two tracts could be handled together as a farm and stock ranch. Will sell separately or together. Easy terms. Write for description and prices. C. C. McCormick, Aurora, Mo.

Missouri Corn and Alfalfa Farm 400 acres 23 miles from Kansas City, macadam road, 3 miles from town on Santa Fe, 3 sets of buildings, write for detailed description. Price \$110 per acre. S. C. Diggle, Owner, Kansas City, Mo.

OZARKS. 40 acres, three miles from Anderson, 1 1/2 miles from Lanagan; one of the best 40's for all forms of intensive farming we have; north slope for fruit, south slope for grapes and berries, some nice level land for cropping; a very neat new 4 room house, painted; good water; acre of grapes, acre of strawberries, both good. Price \$1,500.00; terms. W. J. Chambliss, Anderson, Mo.

FLORIDA

Land Seekers Excursion

every first and 3rd Tuesday in each month to DeSoto County, Florida. Go with us and see this wonderful country and the great opportunities it offers the man of moderate means to get a home and independence. Write for our literature; it gives facts showing the advantage our lands offer the stockman, dairyman, farmer, winter gardener, fruit grower and poultryman. We do not ask you to buy this land without seeing. 103 improved farms throughout the tract proving conclusively what it will do.

NEW HOME REALTY CO.

1307 Commerce Bldg., Kansas City, Mo.

WISCONSIN

30,000 ACRES cut-over lands; good soil; plenty rain; prices right and easy terms to settlers. Write us. Brown Brothers Lumber Co., Rhinelander, Wis.

WONDERFUL BARGAIN FOR QUICK DEAL! Level black loam farm, 280 acres. 1/2 mile railroad town. Elegant large up-to-date buildings, all farm machinery and 100 tons of hay. Only \$85 per acre on easy terms. Harry D. Baker, President, Polk County Bank, St. Croix Falls, Wis.

IF YOU WANT farms or stock ranches in the Ozarks of Missouri, write A. J. Johnston, Mechats, Nat'l Bank Bldg., Springfield, Mo.

83 A. close town; spring, house, barn; 20 a. cult. \$850. Other bargains. McQuary, Seligman, Mo.

THE OZARK MOUNTAIN REGION is a most delightful place in which to live, having splendid climate and abounding in living springs of pure water. It has hill, prairie and valley land, a variety to suit everybody. Wonderful prospects for increase in values. Write for free booklet. Wm. F. Nicholson, Immigration Agent, Kansas City Southern Railway, Kansas City, Mo.

TEXAS

GRAIN FARM BARGAIN.

I am offering my grain farm of 1,020 acres in Cooke County, North Texas, for sale. 700 acres in cultivation, bal. in pasture and meadow. Two good sets of improvements. Inexhaustible water piped all over place. Natural gas for cooking and heating. Fine black land, abundant rain fall. Will sell 1/2 or all. \$70 per acre. J. L. Halbert, Owner, Corsicana, Tex.

TEXAS RANCHES

Texas ranches in any size you want, in any part of the state, also colonization tracts. Years of experience in handling farm lands and ranches. Inspection reports made on Texas property. Have a few good tracts that owners will accept part in good trade. Greatest demand in the history for Texas ranches. In writing, state size of tract you want. J. Walter Day, Kansas City, Mo., 215 Finance Bldg. Home-Main 5108.

NEBRASKA

WE GUARANTEE you bargains in stock farms and ranches. Write Willis Caldwell, Broken Bow, Nebraska, The Bargain Man.

I HAVE FINE alfalfa farms in tracts from 160 acres to 1000 acres, and best corn and wheat land at prices from \$8 to \$25 per acre. These prices will not last long. Write me today. A. T. Cowings, Benkelman, Neb.

CALIFORNIA

MAGNIFICENT TRACTS

In the heart of the Sacramento Valley on the famous Bidwell Ranch for sale on easy terms. Prunes, peaches and almonds, located within a mile of a city of 18,000 people. The finest soil in California, a rich garden loam, noted for its production of fine fruit. Write for descriptive literature. Bidwell Orchards, Inc., Chico, Calif.

NORTH DAKOTA

BEST DEAL ON BEST SOIL in rain belt. Wadsworth, Langdon, N. D.

NEW YORK

McBURNIE'S N. Y. improved farms are worth twice the selling price of \$40 to \$75 per a. Send for free list. Address McBurnie & Co., Bastable Block, Syracuse, N. Y., or Western Office, 703 Fisher Bldg., Chicago, Ill.

MUST CLOSE OUT this fine farm at once account old age. 388 acres; 2 dwelling houses; macadam road runs through farm; basement barn, cost \$5000 to build. Silo, hen house concrete floors; two mules, two horses, harness; 21 Holstein cows. Big money-maker. Never-falling water runs to buildings. Tools; all goes for \$16,000, part cash; bal. at 5% interest. See photos. Hall's Farm Agency, Owego, Tioga Co., N. Y.

Who Has a Pup to Spare?

Our grandpa takes the Farmers Mail and Breeze and he thinks it is the finest farm paper published. We wonder if any of your readers would spare us a little pup or a good, gentle, halfgrown dog. We are two little boys on a farm and as our dog was poisoned we get awfully lonesome without one. We would prefer a shepherd or a Scotch collie. No hound dog wanted. Wayne and Earl Winsor. Englewood, Kan.

So, Let's Be Cheerful

I have been living on a farm for many years, and I tell you, farmers, the farm is the place for men and boys, especially if you want to earn money. That's how I get it. Of course we have bugs and grasshoppers and hot winds, but I hope next year will be a good one. I believe we will have another good crop year, and believing in a good time coming is a whole lot to me. R. 1, Erie, Kan. G. H. Sisenore.

And now it's the fake seed dealer that needs watching.

Beeves Bring \$13 in Chicago

Sheep Prices Are Not So Steady as They Were

C. W. METSKER

BUTCHERS who cater to the high class trade gathered supplies of Christmas beeves on the open market last week. They bought such cattle at the American Royal and International livestock shows in former years. Those events were called off this year, owing to unsettled conditions that resulted from the general quarantine for the foot and mouth disease. This class of steers sold in Chicago at \$11 to \$13 a hundred pounds and in Kansas City at \$10.65 to \$11.35. These prices are new high records for the open markets, yet they are below the average level such steers bring at the big cattle shows.

Unworthy Expectancy.

The big dressed beef houses of Chicago and Kansas City have whipped competition around the stump of uncertainty in fine shape in the last three weeks. When packers were the only ones who could buy cattle for slaughter in Chicago, the top price there was \$10.20. In Kansas City, where open competition prevailed, packers made shippers pay \$11.05 to get prime beeves. When Chicago was opened to normal business a week later, packers bid \$10.25 for a bunch of prime yearlings in Kansas City and made no bid on their feed lot mates, a bunch of heifers. They were forwarded to Chicago and two days after being offered in Kansas City the steers brought \$12.25 and heifers \$11. This thing of playing one market against the other, and of making outside slaughterers pay high is discouraging to the order buyers.

Improved Tone in Cattle.

Aside from Christmas beeves, which characterized the market last week as a record, the general trade showed improvement. The movement of short fed steers has reduced materially and the excitement which grew out of the quarantine for the foot and mouth disease is subsiding. Many feeders east of the Mississippi river are discouraged. There will be free liquidation of short fed cattle in the next 40 to 60 days without any move to refill feed lots. After this week there will be no particular incentive to make prime beeves, and during Christmas week an indifferent trade is anticipated. These conditions indicate that the Central East will be short on cattle at a time when Kansas is ready to market short fed steers, and when Texas and Oklahoma swing in line with cottonseed meal cattle. It looks relatively better for the West than for the East after January.

Kansas Tops River Markets.

A. E. McGregor of Washington, Kan., topped the cattle market in Kansas City last Thursday at \$11.35, the highest price ever paid on the open market west of Chicago. The steers, 18 head, averaged 1,385 pounds. They had been full fed for the American Royal.

Manhattan Beeves at \$10.75.

The Kansas State Agricultural college at Manhattan marketed seven steers in Kansas City Wednesday at \$10.75 a hundred pounds. They also sold eight yearling wethers at \$7.50, and 17 hogs averaging 300 pounds at \$7.15. The sheep and cattle brought the top prices for the day in their respective classes, and the hogs 12 1/2 cents under the top quotations. They had all been fed under experiment conditions.

Hogs Act Like Seven Cents.

Hog prices held at 7 cents and over last week. They were 7 cents and under the week before. Demand was enormous when prices were below even money, and when they went above 7 cents demand contracted. Iowa and Illinois did a much better job of holding hogs off the market last week than had been expected, and in the first three days prices in Chicago rose 50 to 65 cents.

The Movement in Livestock.

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

	Cattle	Hogs	Sheep
Kansas City	42,300	33,000	26,850
Chicago	50,400	201,000	109,500
Omaha	19,600	25,500	37,400
St. Louis	24,700	51,000	6,650
St. Joseph	7,100	33,800	12,800
Total	144,100	344,300	193,200
Preceding week	151,425	491,200	234,450
Year ago	151,000	461,600	262,200

The following table shows the receipts of cattle, hogs and sheep in Kansas City thus far this year and the same period in 1913:

	1914	1913	Inc.	Dec.
Cattle	1,742,631	2,050,220	.....	307,589
Calves	124,605	181,187	.....	56,582
Hogs	2,145,596	2,416,340	.....	270,744
Sheep	1,937,039	1,996,276	.....	59,237
H. & M.	81,260	77,784	3,476	.....
Cars	103,123	121,653	.....	18,530

Sheep Values Punctured.

Monday of last week, Chicago reported a supply of 45,000 sheep, and buyers depressed prices 40 to 75 cents. Declines extended to other markets where receipts were moderate. The market started to improve Tuesday, and nearly all the loss was regained by the close of the week. Packers need fat sheep and lambs but average prices are so high that they will depress values every time a big run materializes. Fed lambs are bringing \$3.25 to \$3.75. Last reports from the Arkansas valley indicate 40 to 50 per cent fewer sheep on feed than a year ago. In the

San Luis valley the number is nearly normal, and in corn belt feed lots there is a decrease of about 30 per cent.

Army Horses and Mules Move.

The only interruption in the general movement of horses and mules into British hands was last week when inspectors suspended operations for a few days. This war demand has agents in every section of the country and an enormous supply is moving to European countries.

Quiet Trade in Grain.

The grain markets are unusually quiet for this season of the year. Prices both in the cash and speculative divisions hold within a narrow range. Receipts of wheat at primary markets have been small. Corn remains in small supply, but demand through the principal markets is largely from mills, and not from feeders. Prices are holding at 60c to 62c a bushel. Oats prices are steady.

Kansas City Hay Quotations.

Prairie, choice	\$12.00@12.50
Prairie, No. 1	10.00@11.50
Prairie, No. 2	7.50@9.50
Prairie, No. 3	3.50@5.50
Timothy, choice	16.50@17.50
Timothy, No. 1	15.50@16.00
Timothy, No. 2	13.00@15.00
Timothy, No. 3	9.50@12.50
Clover mixed, choice	15.00@15.50
Clover mixed, No. 1	14.00@14.50
Clover mixed, No. 2	12.00@13.00
Clover, choice	14.00@14.50
Clover, No. 1	13.00@13.50
Alfalfa, choice	15.00@15.50
Alfalfa, No. 1	13.00@14.50
Standard	11.50@12.50
Alfalfa, No. 2	10.00@11.00
Alfalfa, No. 3	8.00@9.50
Straw	4.50@5.00

Feed and Seed Quotations.

Bran, 93c a cwt.; shorts, \$1.14@1.25; chop, \$1.19; rye, \$1.03 a bu.; kafir, \$1.06@1.07 1/2. Seed—Timothy, \$4@4.50 a cwt.; alfalfa, \$8.50@11.50; clover, \$11@14; flaxseed, \$1.22@1.25; cane seed, 80@95c; millet, \$1.30@1.60.

Butter, Eggs and Poultry.

Kansas City, Dec. 14.—Quotations on change were as follows: Eggs—Extras, new white wood cases included, 32@35c a dozen; firsts, 31@32c; seconds, 22c. Butter—Creamery, extra, 31c a pound; firsts, 29c; seconds, 26c; packing stock, 20 1/2c.

Live Poultry—Broilers, under 2 pounds, 15c a pound; springs, 2 to 3 pounds, 13c; hens, No. 1, 11c; No. 2, 9c; young roosters, 10c; old, 9c; turkeys, 15c; young toms, 14c; old toms, 13c; ducks, 12c; geese, 9 1/2c.

Farmers For Personal Credit

A personal credit measure, like that outlined in this paper last spring, is now being urged at Washington by representatives of state granges and other farmers' organizations. At a conference recently held there with members of congress, they went over all the rural credit bills that have been presented in congress with the purpose of preventing any ill advised legislation.

Representative Bulkley, of the house banking and currency committee, who is a joint author of the Bulkley-Hollis rural credits bill, explained that measure in great detail. Senator Fletcher explained the Fletcher bill, and answered questions respecting it. All rural credit legislation thus far proposed in congress provides for a system of land mortgage banks.

It developed in the discussion that the representatives of the farmers, while they recognize the need of such banks and the good they will accomplish, are strongly inclined to a co-operative personal credit system, like that prevailing in France, where farmers may use their own credit without the necessity of mortgaging land. This is the only form of rural credit that will help tenant farmers.

C. B. Kegley, master of the State Grange of Washington, presided at the conference. W. T. Creasy, master of the State Grange of Pennsylvania and chairman of the executive council of the progressive granges, was present with other representatives of the Pennsylvania grange. The granges of Nebraska, Iowa, Minnesota and other states also were represented. There is hope a plan of rural credit legislation will be agreed upon and recommended to the farmers of the country.

Until this conference there was danger that the whole question of rural credits would be left solely to the politicians, who would do the bidding of the bankers. This meeting indicates that the farmers intend to have a voice in determining how they shall be permitted to use their own credit.

FARMERS CLASSIFIED PAGE

Advertisements will be inserted in this department for 5 cents a word each insertion for one, two or three insertions. Four or more insertions 4 1/2 cents a word each insertion. Remittances should preferably be by postoffice money order. All advertisements are set in uniform style. No display type or illustrations admitted under any circumstances. Each number or initial counts as one word. Guaranteed circulation over 104,000 copies weekly. The rate is very low for the large circulation offered. Farmers Mail and Breeze is the greatest classified advertising medium in the farm paper field. It carries the most classified advertising because it gives the best results. Here is a splendid opportunity for selling poultry, livestock, land, seeds and nursery goods, for renting a farm, for securing help or a situation, etc., etc. Write for proof that it pays. Everybody reads these little ads. Try a classified for results.

POULTRY

PLYMOUTH ROCKS.

BARRED ROCK COCKERELS \$1 EACH. W. G. Bull, Marysville, Kan.

BARRED ROCK COCKERELS \$1 EACH. J. C. Neibrecht, Gridley, Kan.

BUFF ROCK COCKERELS FOR SALE. Mrs. Perry Myers, Fredonia, Kan.

BUFF ROCK COCKERELS FOR SALE. William A. Hess, Humboldt, Kan.

BUFF ROCK COCKERELS \$2.00 TO \$5.00 each. Ferris and Ferris, Effingham, Kan.

BARRED COCKERELS, \$1.00. TEN YEARS breeding. W. Spealman, Marysville, Kan.

BARRED ROCKS. 68 PREMIUMS. STOCK for sale. Mattie A. Gillespie, Clay Center, Kan.

BIG TYPE BARRED ROCKS. SHOW birds and breeders. A. H. Duff, Larned, Kan.

BEAUTIFUL BARRED ROCK COCKERELS and pullets. Lloyd Ruppenthal, Russell, Kansas.

BARRED ROCK COCKERELS, \$1.50 AND \$2.00 each. Dave Baker, Conway Springs, Kansas.

BIG BARRED ROCK COCKERELS, \$1.50 each. 6 for \$7.50. Chas. Cornelius, Blackwell, Okla.

FIFTY BUFF ROCK COCKERELS; REASONABLE PRICES. Mrs. M. E. Stevens, Humboldt, Kan.

PURE WHITE ROCK COCKERELS—Beauties. \$3.00 each. Mrs. Elmer Lane, Burlington, Kansas.

CHOICE BARRED ROCK COCKERELS. Heavy laying strain; \$2 each. L. B. Brady, Fowler, Kan.

PURE BRED BARRED PLYMOUTH ROCK COCKERELS, \$1.00 to \$5.00 each. Mrs. C. N. Bailey, Lyndon, Kan.

CHOICE BARRED ROCKS, COCKERELS and pullets, pure bred. Mrs. Tom Curd, Route 4, Lawrence, Kan.

MCCARTHY'S BARRED ROCKS. CHOICE farm raised cockerels \$2 each. Mrs. Dan McCarthy, Newton, Kan.

WEIGHER-LAYER BARRED ROCKS, 106 premiums. Early cockerels \$2.00 up. W. Opfer, Clay Center, Kansas.

PURE BARRED ROCK COCKERELS. Fine, big boned, early, \$1.00 each. Mrs. George P. Field, Randall, Kan.

BARRED ROCK COCKERELS FROM SELECTED STOCK, \$1.50 each. Geo. J. Klein, Ellinwood, Kan., Route 2, Box 16.

BARRED ROCKS—FIVE FIRSTS AND three seconds at Claremore fair. Cockerels \$2.00 each. W. S. Crouch, Claremore, Okla.

WHITE ROCKS. BIG BONED. SNOW WHITE. Prize winners. Cockerels \$1.50 to \$5.00 each. Mrs. Ben Miller, Newton, Kan.

THE NEXT 30 DAYS WILL SELL MY Barred Rock cockerels \$2.00 each; good laying strain. Mrs. John Yowell, McPherson, Kan.

TWO BREEDS—PURE BRED BARRED and White Plymouth Rock cockerels and pullets from prize winners. H. F. Hicks, Cambridge, Kan.

QUIT BUSINESS SALE, PRIZE WINNING B. Rocks, for next 30 days. Ckls. \$2-\$5; females \$1.50-\$2.50. Order quick. Mrs. Chris Bearman, Ottawa, Kan.

WHITE ROCKS. LARGEST, WHITEST and highest scoring birds in the West. 100 big snow white ckls. and pullets for sale. Chas. C. Fair, Sharon, Kan.

BARRED PLYMOUTH ROCK COCKERELS and pullets, very large, laying strain. \$1.50 each, 4 for \$5.00. Premium winners, \$2 and \$3. Mrs. A. M. Markley, Mound City, Kan.

ONE HUNDRED RINGLET BARRED ROCK COCKERELS for sale. Both matings. Barred to skin. Prices \$1 to \$5. Write me your wants quick. Only thirty days' sale. M. P. Thielien, Barred Rock Fancier, Lucas, Kan.

FIFTEEN WHITE ROCK HENS AND thirty select pullets at \$1 and \$1.50. Twenty choice cockerels at \$2 and \$3 each. All sired by first cock and first cockerel of Missouri State Show. D. J. Ward, R. 7, Severance, Kan.

BARRED ROCKS. 300 BIRDS FOR IMMEDIATE SHIPMENT. We lead, others follow. Won more prizes at Southwestern show than any other exhibitor. Vice Pres. and Sec'y of State Barred Rock Club. Fred Hall, Lone Wolf, Oklahoma.

LANGSHANS.

BLACK LANGSHAN COCKERELS, \$1-\$1.50. Ethel Marcy, Fall River, Kan.

BLACK LANGSHAN COCKERELS, SCORED by Rhodes. Martha Haynes, Grantville, Kan.

S. C. W. LEGHORN COCKERELS. D. W. Young strain. Bred from Young's first pen. \$1.00. G. W. Buck, Larned, Kan.

30 BLACK LANGSHAN CKLS. AT \$1.00 TO \$2.00 each. Positively no better Langshans bred. J. A. Lovette, Poultry Judge, Mullinville, Kan.

LEGHORNS.

R. C. B. LEGHORN COCKERELS \$1. L. B. Cretchett, Park, Kan.

S. C. W. LEGHORN COCKERELS, \$1. MRS. Mamie Immer, Mullinville, Kan.

SINGLE COMB BROWN LEGHORN COCKERELS. Henry Ketter, Seneca, Kan.

SINGLE COMB BROWN LEGHORN COCKERELS. C. A. Lucas, Route, Lucas, Kan.

PURE ROSE COMB BROWN LEGHORN COCKERELS, 75c. Dell Rowe, Sharon, Kan.

S. C. BROWN LEGHORN COCKERELS for sale. H. W. Dickson, Quenemo, Kan.

CHOICE S. C. WHITE LEGHORN COCKERELS. Mrs. W. R. Hildreth, Oswego, Kansas.

CHOICE S. C. WHITE LEGHORN COCKERELS, one dollar. John Bradley, Garnett, Kan.

R. C. W. LEGHORN COCKERELS, \$1 each or 6 for \$5.00. Mack Posey, Larned, Kan.

PURE ROSE COMB BROWN LEGHORN COCKERELS \$1 each. Ada Cowan, Americus, Kan.

PURE EVEN BUFF S. C. LEGHORN COCKERELS, 6 for \$5.00. Geo. Dorr, Osage City, Kan.

R. C. W. LEGHORN COCKERELS, \$1.00 each; 6 for \$5.00. Mrs. Geo. Hennes, Burns, Kan.

SINGLE COMB WHITE LEGHORN COCKERELS. Good ones. 6 for \$5.00. Dave Griffiths, Riley, Kan.

CHOICE SINGLE COMB WHITE LEGHORN COCKERELS, \$1. 6 for \$5. Dick Higley, Cummings, Kan.

36 S. C. W. LEGHORN PULLETS FOR sale. \$30. Utility stock. F. E. Jones, Osborne, Kansas.

ROSE COMB BROWN LEGHORN COCKERELS. Guaranteed to please. \$1.50 each. Dicie Gepner, Clyde, Kan.

PURE ROSE COMB BROWN LEGHORN COCKERELS, \$1. Satisfaction guaranteed. E. M. Phillips, Tescoot, Kan.

MY FAMOUS S. C. W. LEGHORNS WIN everywhere. Cockerels and pullets, \$1 up. Geo. Patterson, Lyndon, Kan.

S. C. W. LEGHORN COCKERELS FROM prize winning stock, \$1.00. Six for \$5.00. Chas. McFadden, Morland, Kan.

ROSE COMB BROWNS THAT WON THE blues at Hutchinson State Fair. \$1.00 and upwards. Otto Borth, Plains, Kan.

PURE ROSE COMB BROWN LEGHORN HENS 75 cts. each. Indian Runner ducks \$1 each. Mrs. J. H. Etherton, Troy, Kan.

FOR SALE—HIGH SCORING S. C. W. Leghorn cockerels. Official score card with each bird. E. L. M. Benfer, Leona, Kan.

RHODE ISLAND REDS.

CHOICE S. C. R. I. COCKERELS, \$1.00 TO \$1.50. A. Bozarth, St. John, Kan.

CHOICE ROSE COMB RED COCKERELS. Reasonable. Mrs. Charles Hill, Toronto, Kansas.

SCORED S. C. DARK RED COCKERELS, pullets. Guaranteed. Lela Osterfoss, Hedrick, Iowa.

LARGE, DARK, VELVETY, ROSE COMB Red cockerels, \$1.00 to \$2.00. H. I. Friedline, Alden, Kan.

LARGE, DARK, ROSE COMB RED COCKERELS, \$5 birds, \$1.00 to \$3.00 if taken now. Ed Clark, Severance, Kan.

LARGE, DARK, BRILLIANT ROSE COMB Red Cockerels, pullets. Bargains. Sunnyside Farm, Havensville, Kan.

ROSE COMB RHODE ISLAND RED COCKERELS; pure bred; satisfaction guaranteed. Albert Trester, Great Bend, Kan., R. 3.

ROSE COMB RED COCKERELS, PULLETS and hens. Scored. Bean strain. Prices reasonable. Nora Ingraham, Manhattan, Kan.

ROSE COMB REDS FROM PRIZE WINNING stock. Cockerels, pullets, hens. Bargain if ordered at once. J. M. Parks, Route 4, Kingman, Kan.

LARGE, BRILLIANT, ROSE COMB RED COCKERELS. Sired by scored 10 lb. bird. \$2.00. Choice \$3.00. Mrs. G. C. Talbott, Route 4, Onaga, Kansas.

THOROUGHbred RED COCKERELS. Both combs, \$1 to \$5. Guaranteed first class values. Excellent show record. Marshall's Poultry Yards, La Cygne, Kan.

ROSE COMB REDS. COCKERELS \$2. Bred from winners at American Royal, Kansas State Fair, Oklahoma State Fair, Baldwin Red Farm, Conway, Kansas.

LARGE R. C. REDS. REDUCED PRICES for 30 days. 6 \$1 ckls. \$5-\$5 \$2 ckls. \$3. Show birds \$3 to \$5. Banbury's Polled Shorthorn & Poland China Farm, Pratt, Kan.

GUINEAS.

WHITE AFRICAN GUINEAS. \$2.50 PR. J. R. Cox, Plainville, Kan.

TURKEYS.

PURE BOURBON RED TURKEYS. FAY Egy, Turon, Kan.

MAMMOTH BRONZE TURKEYS. T. A. Yelton, Harper, Kan.

BOURBON RED TURKEYS. ABSOLUTELY pure. V. A. Bull, Marietta, Kan.

MAMMOTH BRONZE TURKEYS. MRS. O. H. Browning, Uniontown, Kan.

PURE BRED BOURBON RED TURKEYS. John Carroll, R. R. 2, Lewis, Kan.

LARGE BOURBON RED TURKEYS FOR sale by W. H. Oliver, Reger, Mo.

MAMMOTH W. H. TURKEYS FOR SALE. Mrs. Hattie King, Burlington, Kan.

MAMMOTH WHITE HOLLAND TURKEYS. Mrs. W. U. Stevens, Paradise, Kan.

MAMMOTH BRONZE TOMS. MRS. JOHN M. Thomas, Garnett, Kan., Route 7.

FOR SALE—PURE BRED BRONZE TURKEYS. C. V. Smith, Kinsley, Kansas.

BOURBON RED TURKEYS. EXTRA large. Walter Dodson, Denison, Kan.

EXTRA FINE, LARGE, WHITE HOLLAND. Mrs. S. J. Bloxom, Pratt, Kan.

WHITE HOLLAND TURKEYS. WRITE for prices. Grace Garnett, Marion, Mo.

PURE BOURBON RED TURKEY TOMS \$3.50. Marietta Carson, Eskridge, Kan.

MAMMOTH WHITE HOLLANDS, FROM prize winners. Lula Dick, Lucas, Kan.

PURE BOURBON RED TURKEY TOMS, \$3.50. Mrs. Bessie Fuller, Blackburn, Okla.

BOURBON RED TOMS, 18 TO 20 LBS. \$4.00. Mrs. John Jevons, Wakefield, Kan.

LARGE, PURE BRED BOURBON TOMS, \$4.50. Mrs. D. H. Zabel, Wetmore, Kan.

CHOICE BOURBON RED TURKEYS. S. C. Red pullets. Mrs. W. P. McFall, Pratt, Kan.

MAMMOTH BRONZE TURKEYS. TOMS \$5. Hens \$3. Mrs. Geo. Heath, Harper, Kan.

THOROUGHbred BOURBON RED TURKEYS. Toms \$4. Mrs. G. A. Newell, Milan, Kan.

PURE BRED BOURBON RED TURKEYS. Prices reasonable. Mrs. Ross Eby, Turon, Kan.

NARRAGANSETT TURKEYS. HENS \$4.00. Toms \$5.00. Mrs. Lessie Stewart, Hollis, Kan.

MAMMOTH BRONZE TURKEYS. HENS \$3.00. Toms \$5.00. D. C. Lamb, Richland, Kansas.

THOROUGHbred BOURBON RED TURKEY TOMS, \$3. Mrs. Effie Addison, Lewis, Kan., R. 3.

WHITE HOLLAND TOMS \$4.00. HENS \$3.00. Three for \$9.00. Wm. Turley, Bancroft, Kan.

PURE BRED BOURBON RED TURKEYS. Toms \$3.50. Hens \$3.00. George Sewart, Hollis, Kan.

MAMMOTH BRONZE TURKEYS. TOMS \$4. Hens \$3. Extra fine. Willard Zink, Turon, Kan.

THOROUGHbred BOURBON RED TURKEYS. Toms \$4. Hens \$3.00. James Butler, Glasco, Kan.

FULL BLOOD BRONZE TURKEY TOMS, \$4.00. Hens \$2.50. Mrs. Roy Brubaker, Dexter, Kan.

TURKEYS—WHITE HOLLAND, EITHER sex. Write me your wants. Andrew Kosar, Delphos, Kan.

THOROUGHbred BOURBON RED TURKEYS. Toms \$3.50, hens \$3.00. Stella Norton, Clyde, Kan.

THOROUGHbred BRONZE TURKEYS. Toms \$5.00. Hens \$3.00. Mrs. C. L. Worley, Utopia, Kan.

MAMMOTH BRONZE TURKEYS FOR SALE. Sire prize winner, weight 50 lbs. L. R. Wiley, Elmdale, Kan.

PURE BOURBON RED TURKEYS. HENS \$3.00. Toms \$4.00. Trio \$9.00. Mrs. I. J. Cornelius, Lane, Kan.

PURE BRED BOURBON RED TURKEYS. Toms \$2.50. Hens \$3.00. Mrs. Robert Trimble, Clyde, Kan.

THOROUGHbred BOURBON RED TURKEYS. Tom \$3.50. Hens \$2.50. Mrs. H. Passmore, Wayne, Kan.

GIANT BRONZE TURKEYS FOR SALE. State prize winners. Mrs. J. W. Smith, Kinsley, Kan., Route 1.

WHITE HOLLAND TURKEYS. WRITE for description and prices. Mrs. Jane Thompson, Cambridge, Kan.

MAMMOTH BRONZE TURKEYS. BIG boned kind. Toms \$5.00. Hens \$3.50. Etta B. French, Partridge, Kan.

MAMMOTH BRONZE TOMS, THE HEAVY kind. Eggs in season. If it's pounds you want, buy from my flock. Berry method of turkey raising with each order. C. W. Berry, Moore, Okla.

TURKEYS.

BOURBON RED TURKEY TOMS, \$4. BUFF Orpingtons, ducks and roosters. Mrs. Bert Patterson, Independence, Kan., Rt. 7.

PURE BOURBON RED TOMS, \$4; HENS \$3.50. Prize winners. Large boned, good color. Mrs. Irene Bailey, Bartleson, Kan.

FINE MAMMOTH BRONZE TURKEYS from prize winning stock. Toms \$5.00. Hens \$3.00. Mrs. P. D. Spohn, Inman, Kan.

WHITE WINGS AND TAIL BOURBON RED turkeys; 20 lb. toms \$4.00; 12 lb. hens \$3.00. Mrs. A. W. Powers, New Albany, Kan.

MAMMOTH BRONZE TURKEYS FOR sale. Toms \$5.00. Hens \$3.50. Satisfaction guaranteed. Mrs. W. S. Reece, Lucas, Kan.

JOHNSON'S GIANT BRONZE TURKEYS took first premium at Oklahoma State Fair. Great size, exact markings. Jed Johnson, Walters, Okla.

RED BOURBON TURKEYS, STANDARD markings, large and healthy. Price \$2.50 to \$5. Satisfaction guaranteed. Rebecca Wooddall, Fall River, Kan.

THOROUGHbred WHITE HOLLAND turkeys. Choice from sixty large, thrifty toms, four fifty. Hens, two fifty. Until Dec. 20. Mrs. Lee Dunn, Russell, Kan.

ORPINGTONS.

BUFF ORPINGTON COCKERELS. MRS. G. E. Berry, Garnett, Kan.

BUFF ORPINGTON COCKERELS, \$1 TO \$2. Myrtle Peck, Clarion, Iowa.

WHITE ORPINGTONS, ALL AGES. REASONABLE. Mrs. Helen Lill, Mt. Hope, Kan.

S. C. BUFF ORPINGTON COCKERELS \$1.50 each, three \$4.00. Nellie Lawyer, Grenola, Kan.

PURE BRED S. C. BUFF ORPINGTON COCKERELS. Price \$3.00. Mrs. A. M. Combs, Bucklin, Kan.

CRYSTAL WHITE ORPINGTON COCKERELS, \$1.50 and \$2.50 each. Almeda Foster, Burr Oak, Kan.

FOR SALE—150 SINGLE COMBED BUFF Orpington cockerels. F. H. Schmadeke, Clarksville, Iowa.

CHOICE S. C. BUFF ORPINGTON COCKERELS \$2.00 each. Mrs. W. V. Wilson, R. No. 2, Detroit, Kan.

WHITE AND BUFF ORPINGTON COCKERELS for sale. \$1.50 each. Mrs. Walter Love, Mahaska, Kan.

S. C. BUFF ORPINGTONS. COCKERELS and cocks \$2 to \$10. Hens \$1 to \$3. Mrs. Grant Stafford, Winfield, Kan.

BUFF ORPINGTONS—25 YEARLING COCK birds for sale, of rare quality; can please you. Aug. Petersen, Churdan, Ia.

WHITE ORPINGTONS RECENTLY IMP. from England. Watson strain. \$3 to \$5 each. D. A. Watson, Lebanon, Kan.

S. C. BUFF ORPINGTONS FOR SALE. Show and utility stock. Write for prices. Pleasant Hill Poultry Farm, Ellinwood, Kan., R. 3.

BUFF AND WHITE ORPINGTON CKLS. \$2 to \$5. Guaranteed first class values. Excellent 3 hen record. Mrs. E. H. Jones, Pleasanton, Kan.

BLACK ORPINGTON SPECIALIST OFFERS eggs and cockerels from prize winners at low prices. Booking orders now. Claude Davis, Iowa City, Iowa.

BARRED ROCK, WHITE AND BUFF Orpington chickens \$10.00 a dozen and cockerel free. Cockerels only 4 for \$5.00. S. Feltner, Concordia, Kan.

SOME VERY FINE WHITE ORPINGTON cockerels from Lansing's great laying strain. Write for prices. J. D. Van Amburg, Marysville, Kan.

S. C. BUFF ORPINGTONS, WELL marked and big fellows. \$2.00 to \$5.00 each. Toulouse geese, as fine birds as grow. Single birds \$3.00. Pair \$5.00. John Bruce, Monroe, Iowa.

ANCONAS.

ANCONA COCKERELS, SIX FOR \$5.00. Lucile House, Haven, Kansas.

ANCONA COCKERELS FOR SALE. O. L. Burnett, Council Grove, Kan.

BLUE ANDALUSIANS.

QUALITY BLUE ANDALUSIAN COCKERELS from \$3.00 to \$5.00, for sale at A. A. Neufeld, Route 4, Inman, Kan.

BRAHMAS.

PURE LIGHT BRAHMA COCKERELS AND pullets for sale. Wm. Piper, Washington, Kan.

COCHINS.

WANTED—TWO FULL BLOODED PART-ridge Cochins cockerels. Write W. M. Cowgill, Dexter, Kan.

MISCELLANEOUS.

WANTED TO BUY ONE PAIR OF PEACOCKS. M. E. Hunt, Patterson, Kan.

WYANDOTTES.

COLUMBIAN WYANDOTTE COCKERELS. \$1.00 each. Bertha Chacey, Meriden, Kan.

WHITE WYANDOTTE COCKERELS—FINE large heavy bone fellows. Andrew Kosar, Delphos, Kan.

GOLDEN WYANDOTTES. CHOICE COCK- erels. Prices reasonable. D. Lawver, Route 3, Weir, Kan.

EXTRA CHOICE WHITE WYANDOTTE cockerels, \$1.50. Pure bred. Frank Mayer, Marysville, Kansas.

PARTRIDGE WYANDOTTE COCKERELS \$1.50 to \$3.00 if taken at once. DeBusk Bros., Nashville, Kan.

SILVER WYANDOTTE COCKERELS. world's best strain. Nice R. C. Reds also. Earl Wood, Grainfield, Kan.

CHOICE BUFF WYANDOTTE COCKER- els, pullets, hens. Prices right. John P. Ruppenthal, Russell, Kansas.

WHITE WYANDOTTE COCKERELS FROM \$1.50 up. Can please you. Mrs. Geo. Downie, Lyndon, Kan., Rt. 2.

QUALITY WHITE WYANDOTTES. COCK- erels, pens. Trios. Write for prices. Mrs. M. E. Johnson, Humboldt, Kan.

GOLDEN WYANDOTTE COCKERELS. Special price for quick sale. Geo. W. Shelley, R. No. 2, McPherson, Kan.

LARGE SILVER WYANDOTTE COCKER- els and pullets at \$1.00 each if taken soon. Mrs. B. P. Anderson, Haviland, Kan.

MOVING TO ARKANSAS, SELLING ALL my White Wyandotte cockerels, scoring 90 and up, \$2.00 to \$5.00. Rev. Quilliam, Ada, Kansas.

SILVER LACED WYANDOTTE COCKER- els. Pure bred. Write for circular. Price \$1 to \$3 each. Satisfaction guaranteed. S. B. Dressler, Lebo, Kan.

ROSE COMB GOLDEN WYANDOTTE cockerels \$1.00 and \$1.50 per head. Farm run. Exclusively raised. Eggs in season. C. Folgate, Stanberry, Mo.

SILVER WYANDOTTES EXCLUSIVELY. Farm raised. Tarbox strain. From prize winning stock. Choice cockerels \$1.50, \$2.00, \$2.50, \$3.00. Mrs. Edwin Shuff, Plevna, Kan.

SILVER LACED WYANDOTTES. FIRST On pen, hen, pullet, and cockerels, at 1914 Four County Fair, Chanute. Cockerels \$1.50 to \$3.00. Hens and pullets \$1.00 each. E. T. Blackwood, Chanute, Kan.

COCKERELS—WHITE WYANDOTTES EX- clusively. Early March hatched; large, vigorous; breeders; Rose Comb, pure white; \$3 and \$5 each. Snowflake Poultry Farm. Mrs. H. S. Tonnemaker, Beatrice, Neb.

SILVER LACED WYANDOTTE COCKS and cockerels, pure bred, large, well laced. Need room, selling them now at half price. 5 or more \$1.00 each. Order from this. We guarantee satisfaction. J. L. Benson, Olsburg, Kan.

DUCKS.

WHITE RUNNER DRAKES. FINE STOCK. Mrs. S. Boyer, Wiley, Kan.

WHITE INDIAN RUNNER DRAKES, \$1.00. Chas. McFadden, Morland, Kan.

FAWN-WHITE RUNNER DUCKS, \$1.00. Mrs. Bertha Fortney, Clyde, Kan.

INDIAN RUNNERS, SILVER CUP WIN- ners. Burt White, Burlingame, Kan.

WHITE RUNNER DRAKES \$1.00 EACH. Mrs. C. B. Kellerman, Burlington, Kan.

FAWN-WHITE RUNNER DRAKES, 75 cts. each. White egg strain. Eva Neal, Climax, Kan.

WHITE RUNNERS. NOTED STRAIN. \$1.00 each. Either sex. Mrs. H. W. Hammond, Higgins, Texas.

PURE WHITE INDIAN RUNNER DUCKS. Drakes \$1.00 each. Pure bred. Mrs. Wm. Brooks, Beattie, Kan.

FAWN AND WHITE INDIAN RUNNER ducks and drakes, \$1.00 each. Chas. Cornelius, Blackwell, Okla.

FISHEL STRAIN WHITE RUNNER drakes. Extra good. \$1.50 each. Dr. John T. Wilson, Winfield, Kan., R. 8.

WHITE INDIAN RUNNER DUCKS. WON first on duck and drake at state show, Oklahoma City, 1914. Prices right. Fred Hall, Lone Wolf, Okla.

FEW MORE LIGHT FAWN AND WHITE Indian Runners of my 280 white egg strain. Ferris trapnested 200 egg laying strain of White Leghorns. \$1.50 each. Frank Fisher, Wilson, Kan.

CAMPINES.

SILVER CAMPINE COCKERELS FOR sale reasonable. A. Furney, Box 325, Council Grove, Kan.

CORNISH.

DARK CORNISH COCKERELS. BIG FEL- lows and pullets, one dollar up, which will improve your flock. L. C. Horst, Newton, Kan.

SEVERAL VARIETIES.

WHITE RUNNERS—DARK CORNISH— Dollar each. Richard Jordan, Hastings, Neb.

FINE WHITE ROCK COCKERELS \$2. Also Indian Runner drakes. Mrs. E. E. Williams, Sabetha, Kan.

FIVE FIRSTS AND THREE SECONDS AT Claremore fair. Cockerels \$2.00 each. W. S. Crouch, Claremore, Okla.

HIGH BRED ROSE COMB RHODE ISLAND Red roosters, \$2 and \$3. Silver Laced Wyandotte roosters, \$2. Fawn and White Indian Runner drakes \$1. All egg laying strain. Anna Larson, White City, Kan.

SEVERAL VARIETIES.

BOURBON RED TURKEY TOMS, \$3.50. White Indian Runner ducks, \$1 each; more 75c. Mrs. Chas. Bullis, Spring Hill, Kan.

BARGAIN IF TAKEN SOON. PART- ridge Wyandottes, Single Comb Reds, Rose Comb Whites. W. W. Eddy, Havensville, Kan.

BIG WHITE ROCKS, MAMMOTH WHITE Holland turkeys, white Fantail pigeons. Write for prices. A. T. Garman, Courtland, Kan.

ENGLISH PENCILLED RUNNER DUCKS, both sexes, and Rose Combed Rhode Island Red cockerels \$1 each. Samuel Lewis, Timken, Kan.

NARRAGANSETT TURKEYS. TOMS \$5.00. Hens \$3. White Orpington cockerels from trapnested stock, \$1.50, \$2.00. Mrs. Geo. Coble, Cleveland, Mo.

WHITE HOLLAND TURKEYS. TOMS \$2.75, hens \$2.00. Partridge Wyandotte cockerels \$1.00. If taken before Dec. 22. Mrs. M. L. Leonard, R. 1, Haddam, Kan.

THOROUGHbred BOURBON RED TUR- keys. Toms \$3.50. Hens \$3.00. S. C. Red cockerels \$2.00. Fawn-White Runner drakes \$1.00. M. L. Fletcher, Longton, Kan.

COCKERELS—SCORED AND UNSCORED birds at farmer's prices. Indian Runner and other ducks, geese and turkeys. Norfolk Breeders' Co-operative Assn., Norfolk, Neb.

PURE BRED POULTRY. BLACK LANG- shan cockerels, Bourbon Red turkeys, English Pencilled ducks. Prices reasonable. Mrs. Chas. Knigge, Forest Home Farm, Alexandria, Neb.

I'LL START YOU RIGHT, AND KEEP you going right, if you will buy your breeding stock and eggs for hatching from my great laying and winning strains of White Wyandottes and S. C. White Leghorns. Write today for catalog. It's free. C. D. Porter, Altoona, Ia., P. O. Box M B

FOR SALE—ROSE COMB AND SINGLE Comb Rhode Island Reds, Barred Plymouth Rocks, Partridge Cochins, Light Brahmas, and White Langshans, Toulouse and White Embden geese, Indian Runner and Rouen ducks. We have pure bred stock. Both males and females at reasonable prices. Write us. Chiles Poultry Yards, Chiles, Kan.

LIVE STOCK

SHEETLAND PONIES—CHARLES CLEM- mons, Coffeyville, Kan.

STANDARD BRED STALLIONS FOR SALE right. D. H. Bibens, Larned, Kan.

REGISTERED HOLSTEIN BULL SIX months old. G. E. Berry, Garnett, Kan.

BOARS, OLD ORIGINAL SPOTTED PO- lands. Write. E. J. Yoder, La Tour, Mo.

REGISTERED HOLSTEIN BULL CALVES for sale. W. G. Wright, Overbrook, Kan.

PURE BRED JERSEY BULLS. PRICES reasonable. Laptad Stock Farm, Lawrence, Kan.

REG. HAMPSHIRE PIGS, PRICED FOR quick sale; guaranteed to please. B. F. Fleischer, Hoyt, Kan.

FOR SALE—REGISTERED PERCHERON stallion; also good young jack. Write Hurst Bros., Peck, Kan.

REGISTERED HAMPSHIRE HOGS; BEST quality; reasonable prices. Frank Franklin and Sons, Vinita, Okla.

FOR SALE—THREE DOUBLE STANDARD Poll Hereford bulls, 7 to 8 months old. For breeding and price write C. A. Heaton, Larned, Kan.

ORDERS FOR THE PURCHASE OF ALL classes of dairy cattle on a commission basis are solicited. Write me your wants. L. R. Brady, Manhattan, Kan.

HIGH CLASS POLAND CHINAS \$15 TO \$25. Registered. Wt. 100 to 300 lbs. Satisfaction guaranteed. Visitors met at depot and returned. Banbury's Polled Shorthorn & Poland China Farm, Pratt, Kan., R. 1. Phone 1602.

FARMS WANTED

WANT TO RENT GOOD 80 TO 160 A. Experienced. C. A. Thompson, Bonner Springs, Kan.

WOULD LIKE TO BUY GOOD IMPROVED 160 acre farm, close to town. Have cash. Must be bargain. John Fisher, Sterling, Kan.

SELL YOUR FARM OR BUSINESS QUICK- ly for cash no matter where located. Information free. Black's Business Agency, Desk 9, Chippewa Falls, Wis.

I HAVE SOME CASH BUYERS FOR SAL- able farms; from 40 acres up; will deal with owners only; give description, location and cash price, James P. White, New Franklin, Mo.

WANT TO RENT FARM ALL READY, equipped with stock and machinery. Can give reference. Am forty-five years old and have four boys—two of them are grown. Would like a farm in Sherman Co., Kan., near Kanorado. W. T. Fogal, St. Marys, Ohio.

BUSINESS CHANCES.

FOR SALE—CREAM STATION EQUIPPED with steam, also dwelling house; located in small town in eastern Kansas. Good business and could start produce business in connection with cream. Good high school. Address J., care Mail and Breeze.

HEDGE POSTS

HEDGE POSTS FOR SALE IN CAR LOTS. H. W. Porth, Winfield, Kan.

LANDS

15 ACRES ORANGES TO TRADE FOR stock farm. Lineker Land Co., Palermo, Calif.

CASH BUYERS FOUND FOR PROPERTY anywhere. Particulars free. Real Estate Sales, Topeka, Kan.

640 ACRES SHERMAN CO., TEXAS, UN- improved; trade for improved eastern farm. Box 313, Texhoma, Okla.

FOR SALE—WELL IMPROVED FARM, mile from Mankato, county seat of Jewell Co. S. A. McNulty, Mankato, Kan.

FOR QUICK SALE, 350 ACRES, STOCK farm, worth twenty, will take ten per acre. W. G. Williams, Vinita, Oklahoma.

165 A. LEVEL, IMPROVED, DARK SANDY loam, 1 1/2 mi. west of Langdon. Would consider trade. F. B. Miller, Langdon, Kan.

SELL YOUR WHEAT AND BUY A GOOD farm in Sumner county, Kansas. H. H. Stewart, The Land Man, Wellington, Kansas.

WE HAVE SEVERAL GOOD BOTTOM, and valley farms, for sale. Some bargains in fruit farms. Austin & Chrans, Gravette, Ark.

160 A. IMP. 2 MI. HARVEYVILLE ABUND- ance good water; 85 a. cult., balance alfalfa, meadow, pasture. A. Fleming, Burlingame, Kan.

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

BOOKLET ON SMALL FARMS. ADDRESS Development Association, Gridley, California. Information bureau only. Alfalfa, dairying, fruit.

160 A. RENO CO. WHEAT LAND, 2 1/2 MI. from Turon. Level, black soil, 135 a. in cult. Good imp., all new. Will sell cheap. Ross Ezy, Turon, Kan.

QUICK CASH FOR YOUR PROPERTY OR Business. Anything. Anywhere. Don't pay big Commissions. Dept. F., Co-operative Salesman Co., Lincoln, Neb.

BARTOW, FLA., FOR BEST CLIMATE, health, soils for farm products, winter vegetables, oranges, etc. Address Board of Trade, Box D-265, for descriptive booklet.

FOR SALE—AN 80-ACRE STOCK FARM, with 12 head of Jersey cows and calves; everything in good shape; write for particulars. Owner, C. O. White, Neosho Rapids, Kan. No trade.

1050 ACRES, \$7.00. SOLID BODY. FARM and grazing land, Seward county, Kansas. Third cash, balance 6%. Can lease thousand acres joining. No trades. John W. Baughman, Liberal, Kan.

GOOD 194 AND 160 A. IMP. FARMS, FINE ranch about 800 a., part good alfalfa land, all in east Kan. 633 acres east Okla. land. Easy terms. Consider part trade. Wm. Works, Humboldt, Kan.

FOR SALE—IMPROVED CORN AND STOCK farm, 50 mi. southwest Kansas City. Rented 100 acres corn for one-half. Cash for pasture and meadow. \$60 per acre. Terms. Investigate. John J. Harrison, Collyer, Kan.

STOCK FARMS FOR SALE—888 ACRES, 480 acres, 566 acres, 1020 acres, 1046 acres, 1020 acres bayou farm, many smaller tracts; prices range from \$10 to \$30 per acre. Address J. A. Watkins, Warren, Arkansas.

DO YOU WISH A FARM AND HOME OF your own in a good dairy, stock and grain country? If so, write for booklet and tell us what you desire. North Texas Land Company, 103 Market St., Texline, Texas.

FOR SALE: 36 IN WYANDOTTE CO., Kan. 12 mi. Kansas City. Part in growing rye. \$200 per acre. 4 1/2-10 acres, new house, two-story bank barn, water in barn, \$2,500. Mrs. E. B. Kindred, Eudora, Kan.

JEWELL COUNTY, KANSAS. A GOOD, well improved 160 acre farm for sale. Good soil plenty of water. Owing to ill health, must sell at once. \$10,500.00, good terms. R. M. Cauthorn, Mankato, Kansas.

BUSINESS MEN'S CLUB OF PANGBURN, Ark., will give free information about cheap lands and opportunities in that vicinity. Men with limited means have gone there and are making good on 20 or 40 acres.

FOR SALE—40-ACRE FARM, FAIRLY IM- proved; timber, water, and fruit; frame house 30x32, insurance \$400.00; frame barn, 25x30, insurance \$150.00; near Alton, county seat; price \$1,200.00; terms. S. X. Prey, Alton, Mo.

COLO. IRRIGATED LAND, 32 ACRES, 30 acres can be irrigated. Joins U. S. forest reserve. No buildings. Ideal cattle range. Will sell for \$700.00, seven hundred dollars cash, if sold at once. Dr. Pitt A. Wade, Canon City, Colo.

WELL-IMPROVED 80-ACRE FARM, ONE mile from good railroad town; 60 acres in cultivation, good new buildings, young orchards, city school. 2 good wells; old age and alone the reason for selling. Address P. J. Sull, Grove, Okla.

FARM AT AUCTION—WILL SELL TO the highest bidder, Jan. 6, a valuable 280-acre Neosho Valley farm in Ottawa county; long time, low interest; privilege of 100 acres adjoining. For terms and description address R. T. Cook, Miami, Okla.

160 ACRES GOOD FARM LAND, FRUIT belt, 20 acres under plow, plenty timber, 1/2 mile incorporated town with elevators, churches and ten-grade school. Price \$3,200, \$1,500 cash, balance five per cent interest on terms to suit. C. C. Mendenhall, Oakwood, Oklahoma.

FREE GOVERNMENT LANDS—MILLION acres now open to homestead entry in 25 states. Official 112 page book describes every acre in every county. How secured free. New laws, lists, etc. Price 25c postpaid. Also maps, soil guides, complete information. Webb Pub. Co., (Dept. 92,) St. Paul, Minn.

LANDS

FOR SALE OR RENT—40 ACRES, 3 MILES of Carbondale, Kan.; 30 under cultivation, balance pasture and little timber on creek; 2-room house, barn, cow lot, chicken house and corn crib; 1 mile to good school; 3 to church and store; fine neighborhood. Am a widow and must sell or rent quick. Bargain. Mrs. Rachel Layman, Carbondale, Osage Co., Kan.

FOR SALE OR TRADE; TWO GOOD quarters, exceptionally well located, close to Oklahoma county seat town. 110 acres in cultivation on each. 70 acres alfalfa land, first class creek bottom; 40 acres in alfalfa. Balance best of soil, raise corn, wheat, cotton, etc. Improved. Price \$15,000.00. Trade for good hardware. Might consider income O. K., Farmers Mail and Breeze.

POTATOES, ONIONS, TOMATOES, TUR- nips, corn, cotton, wheat, alfalfa, broom-corn, Ribbon cane, berries, fruits, pecans, melons. Sudan grass and feedstuff make immense yields on my irrigated farms. Raise hogs, poultry and fine stock. Deep river soil, no overflow, healthy, plenty of water, small payments, 1 to 10 years on balance, near Ft. Worth and Dallas. Want good farmers. See the water running. Write for map and booklet. E. C. Stovall, Graham, Texas.

150 ACRES CREEK BOTTOM FARM. 100 acres cultivation, fair improvements, 2 miles out, \$65.00 per acre. 500 acres highly improved, 300 cultivation, 3 miles out, \$65.00 per acre. \$10,000 cash, balance easy terms. 160 acres, small improvements, 45 acres cultivation, balance native meadow and pasture, 5 miles out, \$30.00 per acre, half cash, balance terms. 30 acres, 3 miles out, small improvements, \$32.50 per acre, part terms. Miami Realty Co., Miami, Ottawa Co., Okla.

FINE TOPEKA HOME FOR SALE—I WILL sell my place in Topeka, located on the most beautiful street in the city, near limits of city, two blocks from street car, two blocks from fine school, fine old shade, park like surroundings, lot 6 1/4 by 205 feet, eight room house, modern in every detail, hardwood finish, four fine mantels and grates, of oak, brick and tile, big sleeping and dining porch, both screened, barn, poultry houses, etc., etc. Fine place for farmer who wants to move to the capital city. Price \$5,500, worth more. Cash or terms. Interest only 6 per cent instead of the usual 7 per cent. No trade. Address R. W. E., care Mail and Breeze.

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FOR SALE

SCOTCH COLLIE PUPS. CLAY VAN Horn, Overbrook, Kan.

SCOTCH COLLIES. WESTERN HOME Kennels, St. John, Kan.

REGISTERED FEMALE COLLIE IN whelp. R. A. Fullerton, Skiddy, Kan.

FOR SALE—THREE TON MOTOR TRUCK. Small gas tractor. S. B. Vaughan, Newton, Kansas.

FOUR HOLE MOUNTED SHELLER. Cheap. Theodore Johnston, 1124 Madison St., Topeka, Kan.

250 TONS OF GOOD ALFALFA HAY FOR sale. If interested come and look at it. D. Badger, Eureka, Kan.

SCOTCH COLLIES. YELLOW AND WHITE. Well marked. Spayed. Four dollars each. W. J. Lewis, Lebo, Kan.

BALED ALFALFA, PRAIRIE AND BOTTOM hay, kafir corn and feterita. Farmers Produce Ass'n, Emporia, Kan.

A RESIDENCE PROPERTY IN MANHATTAN, Kan., also four roll shredder to trade for cattle. Write W. A. Puckett, Garrison, Kan.

9 ROOM MODERN HOUSE, WITH BARN, near Agricultural college, on paved street. \$4,000, one-half cash. F. B. Miller, Langdon, Kan.

FOR SALE. TWO GREYHOUNDS FOUR years old, guaranteed to catch a coyote. Price \$25. Henry Hassmann, Inman, Kan., R. 1, B. 19.

FRESH DRIED FRUIT. DIRECT FROM trays to consumer. Peaches, prunes, raisins at \$8 per 100 F. O. B. A. S. Cross, Kingsburg, Calif.

FOR SALE—EIGHT MANHATTAN CITY lots. Close to the college and to street car line. Mrs. Flora M. Allen, 1452 Fairchild Ave., Manhattan, Kan.

HONEY—FANCY LIGHT AMBER ALFALFA, \$10.50 2 60-lb. cans amber; 2 60-lb. cans \$10.00, single cans 25 cents extra. Bert W. Hopper, Rocky Ford, Colo.

STEAM ENGINE FOR SALE CHEAP. Iowa combined boiler and engine, 5 H. P. boiler and 4 H. P. engine. Used less than one year. In first class running condition. Colburn Bros. Co., McPherson, Kan.

FOR SALE—ONE TWO HOLE FORCE feed New Hero corn sheller with wagon box elevator, cob elevator, all equipped for mounting; one Appleton feed mill, capacity 35 bu. per hour; all as good as new. Will sell right. Ask for price. You will buy if you see above. A. M. Brandt, Severy, Kan.

ALFALFA AND PRAIRIE HAY. WE HAVE a large amount of alfalfa and prairie hay that we quote as follows: No. 1 alfalfa \$11.00, standard \$10.00, No. 2 \$9.00 per ton. Prairie No. 1 \$8.00, No. 2 \$7.00 per ton. Write or wire us for delivered prices. The L. C. Adam Mercantile Co., Cedar Vale, Kan.

FOR SALE—LOTS ON BEAUTIFUL LAKE—side plot in Alachua county. The coming year around resort town of Fla. Beautiful location for bungalow sites, fine hotel proposition. White beach, fishing, hunting, bathing. Get a winter home among the oranges. Paying investment. Lots 66x142 ft. only \$100. For particulars address Mrs. Frank H. Thompson, Bartlett, Fla., Alachua Co.

FOR SALE OR EXCHANGE

I HAVE A 15-HAND JACK I WILL SELL or trade for good Ford car. E. E. Hall, Kincaid, Kan.

WANTED TO TRADE HARPER CO. LAND for place near condenser or city milk market central or eastern Kansas. Box 63, Route 1, Attica, Kan.

80 ACRES CLOSE TO TOPEKA. IMPROVED. 50 acres in alfalfa; \$14,000. Will exchange for wheat land in central Kansas. O. W. Blanchard, Topeka, Kan., Rt. 8.

I HAVE INCOME PROPERTY IN KANSAS City, Mo., apartments and store buildings, for sale or exchange for land. For further information address Box 137, Scandia, Kan.

TO TRADE FOR UNENCUMBERED FARM land of equal value seven-passenger, 45-horsepower, Winston Six automobile, fully equipped with self-starter, top and windshield. Cost \$3,000 when new. This is a great family touring car, in first-class condition, and has only been used by owner. T. D. Costello, 1512 Waldheim Bldg., Kansas City, Mo.

SYRUP AND RICE

NEW CROP SYRUP FOR IMMEDIATE shipment. Made from genuine Ribbon cane; contains all sugars and no chemicals. By far the brightest, best flavored syrup we ever offered, shipped subject to examination. Send cash with order and we pay freight to stations in Oklahoma, Kansas, Arkansas, Missouri, Illinois and Iowa, as follows: 5-gallon kegs, \$3.35; 10-gallon kegs, \$5.65; 16-gallon kegs, \$8.70; 27-gallon barrels, \$14.20; 55-gallon barrels, \$27.80. Don't confuse Ribbon cane syrup, made on the plantation, with other kinds. Our syrup mill is in country, but we ship from town having seventeen railroads, to guarantee quick delivery. We also offer new rice cheap. Descriptive folders free. Sample can, 5c. Reference: Union National Bank, Telmah's Plantation Mill, Houston, Texas. (Formerly at Wharton, Texas.)

AGENTS WANTED

WANTED—VACUUM CLEANER AGENTS. Exclusive territory. Latest idea. Most powerful. Takes place of electric mch. in the country home. Hustlers can make big money this winter. The U. S. Mfg. Co., Warren, Ohio.

Lorimer of the Northwest

(Continued from Page 15.)

silent too, for the day drew toward its close, and a red glare of sunset came, slanting in among the massy trunks, striking strange glints of color from her hair, while winsome and graceful to the tiny foot in the stirrup, her lissom shape was outlined against it. Then for a while we left the woods, and rode down the hillside under the last of the afterglow, which blazed, orange, green and crimson, along the heights of eternal snow, calling up ruby flashes from the ragged edge of a glacier, while Grace seemed lost in wonder and awe. I do not think there are any sunsets in the world like those of British Columbia.

The weird fires paled and faded, and

HELP WANTED

BE A DETECTIVE. EARN \$150 TO \$300 per month; travel over the world. Write Supt. Ludwig, 401 Westover Bldg., Kansas City, Mo.

WANTED: SEVERAL HONEST, INDUSTRIOUS people to distribute farm literature. Salary \$60 per month. Prof. J. L. Nichols, Dept. A. 1, Naperville, Ill.

FREE TUITION TO FIRST APPLICANTS. Mail courses bookkeeping, shorthand. Write quick. Southern Correspondence Institute, 7279, New Orleans.

THOUSANDS GOVERNMENT JOBS OPEN to men and women. \$65.00 to \$150.00 month. Write for list. Franklin Institute, Dep't O 51, Rochester, N. Y.

WE HAVE SPARE TIME WORK FOR man or woman in every locality. An hour or two a day will do. Good pay. Tri-State Mercantile Co., Muskogee, Okla.

WILL PAY RELIABLE WOMAN \$250 FOR distributing 2,000 packages Perfumed Soap Powder in your town. No money required. M. Ward & Company, 218 Institute Place, Chicago.

WANTED—MEN AND WOMEN, 18 OR over. Get government life jobs. \$65 to \$150 month. Thousands 1915 appointments. Big opportunity for farmers. Common education sufficient. "Pull" unnecessary. Write immediately for list of positions now obtainable. Franklin Institute, Dep't O 51, Rochester, N. Y.

MALE HELP WANTED

GOVERNMENT FARMERS WANTED. AGE 21 to 50. Make \$125 monthly. Write Ozment, (38, F) St. Louis.

RAILWAY MAIL CLERKS WANTED. Commence \$75.00 month. Sample examination questions free. Franklin Institute, Dep't O 51, Rochester, N. Y.

MOTORMEN—CONDUCTORS; INTERURBAN; earn \$80 monthly; experience unnecessary; qualify now; state age; details free. F. care Mail and Breeze.

RAILWAY MAIL CLERKS, CLERK-CARRIERS and rural carriers wanted. I conducted examinations—can help you. Trial examination free. Ozment 38, St. Louis.

FIREMEN AND BRAKEMEN; \$100 monthly; experience unnecessary; hundreds needed by the best railroads everywhere; particulars free. 796 Railway Bureau, East St. Louis, Ill.

SITUATIONS WANTED.

A GERMAN HAVING EXPERIENCE wishes job milking and caring for cows. Inquire of Will Torgeson, White City, Kan.

MISCELLANEOUS

STEAM ENGINE TO TRADE FOR BULL tractor. S. B. Vaughan, Newton, Kansas.

WASHING TONGS! NO TORN CLOTHES. No wet hands. 25 cts. J. Moffat, Clyde, Kan.

WANTED TO RENT GOOD STOCK AND grain farm. Will have about 25 milch cows in spring. Best of reference. Address L. B. 215, Wellsville, Kan.

WILL PAY RELIABLE MAN OR WOMAN \$125.00 to distribute 100 free pkgs. Perfumed Borax Soap Powder among friends. No money required. M. B. Ward Company, 218 Institute Pl., Chicago.

BIG WESTERN WEEKLY SIX MONTHS 10 cents. Biggest and best general home and news weekly published in the West. Interesting and instructive departments for young and old. Special offer, six months' trial subscription—twenty-six big issues—10 cents. Address Capper's Weekly, Dept. W. A-12, Topeka, Kan.

LEARN TO RUN A TRACTOR RIGHT, IN the Tractor School of the shops of the Minneapolis Steel & Machinery Company where Twin City Tractors and Bull Tractors are built. Next term begins January 4th and continues 30 days. Other terms February 8th and March 16th. Tuition \$15.00. Write for catalog and application blank. Minneapolis Steel & Machinery Company, 29th and Minnehaha Ave., Minneapolis, Minn.

FREE FOR SIX MONTHS—MY SPECIAL offer to introduce my magazine "Investing for Profit." It is worth \$10 a copy to anyone who has been getting poorer while the rich, richer. It demonstrates the real earning power of money, and shows how anyone, no matter how poor, can acquire riches. Investing for Profit is the only progressive financial journal published. It shows how \$100 grows to \$2,200. Write now and I'll send it six months free. H. L. Barber, 425, 28 W. Jackson Blvd., Chicago.

the peaks were coldly solemn under their crown of snow, while a little breeze awoke strange harmonies among the cedars, and there was no more talking. Perhaps we were physically tired, though that day's march was a very slight task for me, but I felt that after what we had seen silence became me best. It was dark long before we rode into Cedar Crossing, and Grace was worn out when I helped her from the saddle. Miss Carrington apparently found some difficulty in straightening herself, and when Calvert had installed them in the one second-rate hotel, after a visit to an acquaintance there, I sat smoking beneath a hemlock most of the night keeping guard over it. This was, of course, palpably absurd; but I was young, and from early ages many others have done much the same, while, though it seems the fashion to despise all sentiment now, it is probable that future generations will show traces of equal foolishness.

We finished the journey on the third day, but I did not see Colonel Carrington. He was busy at the mine, and it was not worth while wasting precious time in the really comfortable ranch he had hired, awaiting his return for the mere pleasure of exchanging greetings with him, while Grace was far too tired to entertain anybody.

Calvert looked awkward when he shook hands with me. "I don't quite know how to put it," he said, "but you will understand we can't take you away several days from your work gratuitously, and all transport is charged to the Syndicate. Being a trained engineer, I'm working manager, and, as a matter of business, what do I owe you?"

"Nothing!" I answered shortly. "I could take no payment for assisting Miss Carrington. If you like, you can send five dollars to the Vancouver hospital." "I trust we'll be friends," said Calvert. "Hope I didn't offend you. Meant it in the best of faith. I'm coming round to see you, and whenever you have leisure you must look upon my quarters yonder as your own." I rode back wondering whether the work had suffered during my absence, though I knew my partners would not complain, and when I reached camp Harry said:

"I hardly thought we'd set up as packers, but in the meantime all is fish that comes to our net. I'm getting quite a mercenary character. You had a long journey—how much did you get?"

"Nothing," I answered, "except a gift of five dollars for the Vancouver hospital. It was Miss Carrington."

Harry made no articulate comment at first, though his whistle, which from any one else would have been impertinence, was eloquent, while some moments elapsed before he spoke.

"Then it's Colonel Carrington who's running the Day Spring mine. I've heard the free prospectors talking about the new Syndicate. They opine there's nothing in it, and that somebody is going to be hard hit."

TO BE CONTINUED.

Quality Hens Met at Topeka

The first floor of the Topeka auditorium was packed with exhibits of the best poultry in Kansas, from December 7 to 12. It took the nine judges almost a day to place the birds.

Mrs. Terry Junkin, of Osawatimie, Kan., was the happiest person at the show. She had a splendid exhibit of Single Comb White Leghorns and her birds captured all five first prizes, first cock, hen, cockerel, pullet and pen. This is a record not often made by any breeder in any show.

For the last year various efforts have been made toward the consolidation of the two poultrymen's organizations of Kansas. The federation has done its part toward a consolidation and the matter is now up to the Kansas State Poultry association, which will meet January 11 to 16 and hold a big show in Wichita.

If the motion is adopted by the Kansas State Poultry association, its friends say, the result will be that the poultry industry will receive assistance from the state; but unless the two organizations join, it is unlikely that any legislature will ever allow an appropriation for the assistance of poultry shows. The annual show will be twice as large as the show this year, if the consolidation is made, and will alternate between Topeka and Wichita.

The federation elected officers as follows:

George Beuoy, of Cedarvale, president; Prof. W. A. Lippincott, of Manhattan, vice president; L. H. Wible, of Chanute, secretary-treasurer. The executive board, which is made up of a member from each congressional district of the state, is as follows:

First district, Charles Swan, of Lansing; Second district, Mrs. T. M. Marshall, of La Cygne; Third district, E. H. Inman, of Fredonia; Fourth district, J. L. Carmean, of Neosho Falls; Fifth district, C. R. Baker, of Abilene; Sixth district, W. F. Alden, of Ellsworth; Seventh district, R. P. Krum, of Stafford; Eighth district, E. D. Martin, of Newton.

Poultrymen to Meet

Poultrymen from many parts of Kansas are to meet December 30 to January 1 at the Kansas State Agricultural college. Experts will give lectures on judging, feeding, breeding and the general care of poultry. There will be a poultry show and free judging school, in connection with the field meeting. Liberal cash premiums have been provided for all standard varieties of chickens, and the special cash premiums of \$5, \$10 and \$15 for several varieties are expected to attract an exceptional display of birds which will be used in the free judging school. It will be possible for someone to win \$25 on five dozen eggs, and \$15 on the best dressed carcass in the show. Competition is open to everybody in the state. The poultry department at the college has charge of the arrangements.

Easier to Own Engines Now

One of the most notable things in the kerosene and gasoline engine business is the New Sales plan adopted by Ed. H. Witte of the Witte Iron Works Co., 1547 Oakland Ave., Kansas City, Mo. He now sells Direct from Factory to user, and has arranged for easy payments, so a WITTE engine can earn its own cost, while the user is paying for it. For 27 years Mr. Witte has done nothing but build WITTE engines. His catalogs and circulars, together with the prices he makes, shows he is a master at his business. The Witte



ED. H. WITTE.

factory is one of three of the first gasoline engine factories in America, and is now the oldest and largest exclusive engine business, selling only direct to the user. Mr. Witte has just brought out a very handsome catalog in 3-color printing, the title of which is "How to Judge Engines." The text matter with the rich illustrations shows in a convincing manner that a WITTE engine, using either kerosene, gasoline, gas, naphtha or distillate, is a competent "hand" suitable for any work that can be harnessed to a belt. The striking part of this showing is the really low prices that can be made on all sizes of these engines, from 2 to 22 horsepower, stationary, portable, skidded or sawrig styles. These factory prices mean a saving to purchaser of anywhere from \$25.00 to \$250.00, according to the size and style of engine selected—a 6-horsepower stationary engine, for instance, selling at \$97.75 for the complete outfit, all ready to run as soon as unloaded at destination. The 60 days' free trial plan is also explained, in connection with the liberal 5-year guaranty, which Mr. Witte makes very definite and broad. Your name and address, sent to Mr. Witte at his address, as given above, will bring to you one of these new circulars, free, together with his Big Fine Catalog and Easy Payment Sales Plan.—Advertisement.

It's jaundiced eyes that make some folks see yellow streaks in their friends.

Snow Is Fine For the Wheat

Corn Husking Was Almost Finished Before Storm Came

BY OUR COUNTY CORRESPONDENTS

WHEAT growers have been wishing for rain or snow, and these white fields look mighty good to them. Few farmers are caught with corn in the fields. The stormy weather held off for so long that almost everyone was prepared for snow when it came.

The Sedgwick county correspondent reports that \$15,000 to \$20,000 is to be sent to the Belgians, from that county. What more appropriate news item could a person give at Christmas time?

KANSAS.

Cheyenne County—About 3 inches of snow. Corn husking about over. Everything selling well. Corn 50c; wheat 95c; eggs 27c.—E. D. Kyle, Dec. 12.

Jewell County—Having some snow. Wheat needs moisture. Nearly all the corn gathered. Stock doing well except hogs. Some cholera yet. Hogs \$6.25; eggs 25c; corn 65c.—L. S. Behmer, Dec. 12.

Nemaha County—Light fall of snow the last two days has furnished needed moisture for the wheat and it is in good condition. Livestock wintering good. Some cholera among hogs.—C. W. Ridgeway, Dec. 12.

Russell County—A few days of real winter with a light snow. Ground is very dry and some fields of wheat are suffering. Stock doing well some of which are on wheat pasture. Wheat \$1; corn 70c; potatoes 90c; eggs 24c.—Mrs. Fred Clausen, Dec. 12.

Riley County—Ground covered with six inches of snow which is fine for the wheat. Some winter plowing for oats has been done. Plenty of feed and all stock in good condition. A few farm sales. Corn 60c; eggs 27c; hogs \$6.25; wheat 95c.—P. O. Hawkinson, Dec. 12.

Sedgwick County—Weather cloudy and cold with a little snow. Most of the farmers hauling or baling feed. No wheat being sold as it is being held for a higher price. This county raised from \$15,000 to \$20,000 for the Belgians.—J. R. Kelso, Dec. 12.

Ellsworth County—Light rain December 7 and snow on December 8. Some farmers pasturing wheat. Wheat looks good, especially the late sowing. Lots of wheat being sown. Nice weather for this time of year. Good demand for corn.—C. R. Blaylock, Dec. 8.

Marion County—Nearly all the corn is husked. Corn very spotted. Wheat looks fine. Stock in good condition. A light snow covers the ground. Acreage of wheat 25 per cent lower than last year. Some fly in the early volunteer wheat and a good many chinch bugs in corn.—A. Spangler, Dec. 12.

Cheyenne County—About 3 inches of wet snow which will be of material benefit to the wheat. Corn husking nearly finished and the yield is from 10 to 40 bushels. Quality of corn is very good. Hogs scarce and healthy; also cattle. Not many sales. Wheat 90c to 97c; corn 51c.—F. G. Casford, Dec. 8.

Rush County—Farmers still hauling wheat to market and 75 per cent of the crop has

been marketed. A two-inch snow fell this week. More moisture is needed as the dry weather has injured many fields of wheat. Some disease killing a few horses but cattle and other stock doing fine. Corn 70c; feterita and kafir 70c.—J. F. Smith, Dec. 12.

Harvey County—Weather the last several days has been cloudy and disagreeable with slight snow fall and the mercury close to zero. Fly doing much damage in the wheat. All livestock doing well except hogs. The loss from cholera is the greatest ever known in this county. Wheat \$1; corn 64c; hogs \$6.50; eggs 30c; chickens 9c; ducks 9c; turkeys 13c.—H. W. Prouty, Dec. 12.

OKLAHOMA.

Kingfisher County—An inch of rain the first of the week was a big help to the wheat. Cattle all on wheat pasture and doing well. Not much fly in the wheat here. Corn shipped in at 71c to 75c; eggs 25c; butter fat 27c.—H. A. Reynolds, Dec. 12.

Lincoln County—Winter weather. Cotton nearly all picked. Plenty of pasture. Numerous farm sales and prices fair, especially for cows. Plenty of pasture. Some cows selling as high as \$100; horses and mules \$75 to \$100; eggs 30c.—J. B. Pomeroy, Dec. 12.

Cotton County—Winter wheat looking good. Some farmers still sowing wheat on the cotton ground. Cotton about all picked. Some winter plowing done. Stock in good condition. Kafir and cane about all threshed. Hogs \$6; corn 71c; eggs 25c; cream 27c.—Lake Rainbow, Dec. 10.

Wagoner County—Good rains and damp cloudy weather the last 10 days have put the ground in good condition. Wheat is doing well. About a fifth of the oats ground has been plowed. Hog cholera is wide spread. Blackleg is common. Cotton nearly all picked. Cattle and good horses bring big prices.—A. P. Gregory, Dec. 11.

Dewey County—Fine open fall. Wheat looking good. Acreage of wheat larger than last year. Corn about all in the crib. Kafir being threshed and yielding from 10 to 30 bushels to the acre. Some pretty good corn in the county. Public sales a little dull. Wheat \$1; corn 55c; kafir 47c.—Wm. Liston, Dec. 10.

Cleveland County—First touch of winter this week. Much plowing delayed on account of lack of rain. Most of the other fall work is out of the way. Stock going into the winter in good condition. Plenty of feed on the farms. Some hog cholera reported. Most of the hogs already marketed.—H. J. Dietrick, Dec. 12.

What if the cost of living is somewhat higher than it was in the early nineties? Most of us now have the price to pay for it.

A tablet was recently unveiled on Bull Run battlefield in memory of Colonel Fletcher Webster, son of Daniel Webster, who fell on the third day of the second battle at that place.

Cups For Capper Contests



THESE four cups are to be presented to winners in the Capper boys' corn and kafir contests. One cup goes to Cecil Glick, Olin, Ia., owner of the best single ear of corn exhibited at the corn and kafir show held in the Capper building in Topeka, December 12. Another of the cups was won by Otis Stevenson, Garden City, Kan., for the best acre yield of kafir. He reported 811 pounds of threshed kafir. Roy H. Mehrwein, Whiting, Kan., sent the best exhibit of five kafir heads to the Capper corn and kafir show. His prize is one of these cups. The fourth cup is to be awarded to the winner in the contest for the acre yield of corn. The judges have not finished grading this contest, so it will be impossible to announce the winner until next week. The contestants are graded 30 points on yield, 30 on profit, 20 for exhibit, and 20 on their report. The best yield reported is more than 87 bushels.

The best farmed acre of corn contest also will be decided in a few days. The winner in this contest will have a trip to Manhattan for the farmers' institute, December 28 to January 1. Boys in these contests who had the highest scoring exhibits of 10 ears of corn in the Capper show, were Floyd Killion, Devon, 87; W. E. Delfelder, Effingham, 85; George Delfelder, Effingham, 79.5; R. A. Muir, Salina, 77.5; George McClelland, Maple Hill, 75.5; Chester H. Hudson, Wa-keeney, 62.

DUROC-JERSEYS.

IMMUNED DUROC-JERSEYS

Best of blood lines. Big type. Plenty of all ages. Prices right. Guaranteed. MOSES & FITZWATER, O'FF, KANSAS.

115 Rich Bred, RICH RED DUROCS

14 March boars, the tops, nice growthy fellows not fat, weight 125 lbs. to 160 lbs. and Red. Cheap for quick sale. TYSON BROS., McALLISTER, KAN.

Smith's Durocs

Yearling gilts, by Smith's Graduate, others by Tattler, by Tattarax, bred for September litters. Spring pigs either sex. Priced reasonably. J. R. SMITH, NEWTON, KANSAS.

DUROC-JERSEY BOARS AND GILTS

100 head both sex and pairs not related, sired by Van's Crimson Wonder and Col. Chief. GARRETT BROS., STEELE CITY, NEBRASKA

Durocs of Size and Quality

Immured boars and bred gilts, all from large prolific stock. B and O's Col. Superba, Defender, Perfect Col. Good E Nuff Again King, and Ohio Chief blood lines. Description guaranteed. John A. Reed, Lyons, Kansas

Durocs Immune

Duroc males for sale at twice their market value per lb. Guaranteed Immune and breeders. Inspection before you pay. F. C. CROCKER, FILLEY, NEBR.

Duroc-Jersey Bred Sows

Fall Yearlings, bred to Advance. Extra individuals, Crimson Wonder and Col. blood! Also Tried sows open and yearling and spring boars. Will ship on approval. Bed rock prices for quick sale. W. B. ALBERTSON, LINCOLN, NEB., Route 7.

PRIVATE SALE OF DUROC-JERSEYS

6 choice spring boars, 25 spring gilts, 15 fall yearling gilts sired by Royal Wonder. Am pricing the tops and will sell gilts open or bred at reasonable prices. Write for descriptions. D. S. COCHRAN, LINCOLN, NEBRASKA

Immured Boars and Sows

Fifty Immured Duroc-Jersey boars ready for service, \$25 to \$35 and up. 100 Immured sows bred to Buddy K 4th, Wide Awake, Creme and others, \$30 to \$50 and up. Ready for immediate shipment. Geo. W. Schwab, Clay Center, Neb.

CAMPBELL'S DUROCS

A few yearling sows, also spring pigs—the handsome, stretchy kind. Ohio Chief, Col. and Model Top blood lines. Can ship via Rock Island or Santa Fe. Satisfaction guaranteed. A. T. CAMPBELL, MARION, KANSAS

Twenty-Two Duroc Boars

Both fall and spring farrow, sired by Country Gentleman, Golden Model 4th and other excellent sires. Splendid individuals and bred good enough for anybody. All guaranteed immune and priced worth the money asked. Write W. R. Huston, Americus, Kan.

Thompson's Duroc-Jerseys

Fifty spring male pigs now ready for shipping. All the first class breeding known to Duroc-Jerseys in our herd. We breed more than blood, we go our length on individuality. W. H. & GEO. E. THOMPSON, COLUMBIA, MO.

Illinois Duroc-Jersey Pigs

By Chief Selection 124885, Pal. 44543, Prof. King 35481. Out of sows just as well bred. Have a great lot of strong husky March males priced right. W. L. STONER, HENRY, ILLINOIS

Marsh Creek Herd DUROCS

Sows and gilts bred for March and April farrow. Big and stretchy with good bone, good color and broad, deep bodies immune. Will be priced reasonable and descriptions guaranteed. Write for Private sale catalogue. Ralph P. Wells, Formoso, Kansas

TATARRAX HERD DUROCS

No bred sows or gilts to spare. Special prices on spring pigs. Pairs, trios and young herds with male to mate. Everything immunized by double treatment. Write today. BUSKIRK & NEWTON, Newton, Kan.

Hirschler's Durocs

Herd headed by Graduate King, by Graduate Col. Gilts by Tattarax Chief and E. L.'s Col. bred to him; also a fine lot of spring boars, priced for quick sale. Write today. E. L. HIRSCHLER, HALSTEAD, KAN.

ASH GROVE DUROCS

Choice spring boars weighing 125 to 150 pounds. Priced to sell and guaranteed. PAUL SWEENEY, BUCKLIN, KANSAS.

Pawnee Crimson 117813

by Crimson Wonder 3rd. Spring and last fall boars for sale by three different boars. Priced to sell. DANA D. SHUCK, BURR OAK, Jewell Co., KAN.

Rose geranium leaves placed between layers of clothing in boxes or bureau drawers, scent the garments nicely.

Recent figures place the population of Sweden at 5,638,583, a gain during the last two years of about 35,000.

BALDWIN DUROCS

THE GET-OF CHAMPION BOARS
Duroc-Jersey spring boars and gilts sired by 800 and 1,000 lb. champion boars and out of one of the best herds of sows in Mo. Big boned, strong boars ready for service, \$20 to \$25; gilts bred to farrow in March, \$25 to \$35. Register papers furnished without extra charge. Send your check and get your money's worth. R. W. TAYLOR, Olean, Mo.

Royal Scion Farm Durocs
The Great Graduate Col., Col. Scion and Gano's Pride head this herd. Extra choice Fall and Spring boars. Their dams are our best matured tried sows. G. C. NORMAN, Route 10, WINFIELD, KAN.

DUROC-JERSEYS.

Illinois Durocs For Sale

Eight high class spring pigs and ten fall gilts by Chief Selection and Professor King. We do our own breeding and handle nothing but our own stock. Get prices. WM. SCHLOSSER, HENRY, ILLINOIS.

WOODDELL'S DUROCS

Herd headed by Rex E. Nuff by Good E Nuff Again King and brother to Otey's Dream. Spring boars and gilts priced reasonable. Satisfaction guaranteed. G. B. WOODDELL, WINFIELD, KANSAS

Immune Duroc-Jerseys

8 head of spring boars, 2 show boars. 30 spring gilts bred to Watson's Defender, a son of Defender. Satisfaction guaranteed. R. C. WATSON, Altoona, Kan.

HOWE'S DUROCS

Fall yrlg. gilts, out of most prolific sows of breed. Spring boars and gilts by J. U.'s Model by Model Duroc, half bro. of Hutchinson State Fair champion; special low prices on spring boars ready for service. J. U. HOWE, WICHITA, KANSAS

SHEPHERD DUROCS

Ohio Chief, Col. and Good E Nuff Again King blood lines. Choice from large litters, spring and winter boars good enough to please the breeder and at farmer prices. G. M. SHEPHERD, Lyons, Kan.

BONNIE VIEW STOCK FARM

For Sale: March and April boars, tried sows and bred gilts by Tat-A-Walla and Jayhawk Crimson Wonder. Sows bred to Tat-A-Walla and gilts bred to Critie B. SEARLE & COTTE, BERRYTON, KANSAS

Select Chief, The Grand Champion

this fall at Hutchinson and Oklahoma City. We won 24 ribbons at the two shows. All our top spring boars at private sale. Write for particulars and prices. THOMPSON BROTHERS, Garrison, Kansas.

Good E. Nuff Again King, Grand Champion

Crimson Wonder 4th, second, Kansas State Fair 1913. Otey's Cream, junior champion Kansas State Fair 1914. Herd boars and grand champion prospects for sale. W. W. OTEY & SONS, WINFIELD, KANS.

25 March and April Boars

by Dreamland Col., by Clear Creek Col., by Burt 711, by Crimson Wonder 4th, from \$20 to \$35. Herd boar prospects and show prospects. Write soon and get the choice ones. J. R. JACKSON, KANOPOLIS, KAN.

BANCROFT'S IMMUNE DUROCS

We hold no public sales; nothing but the best offered as breeding stock. Choice spring boars, also gilts, open or bred to order for spring farrow. Customers in 13 states, satisfied. Describe what you want. We have it. D. O. BANCROFT, OSBORNE, KANSAS

Duroc Gilts

Bred or open and a number of tried sows. Also a few weanling pigs. Prices reasonable. HAROLD P. WOOD, ELMDALE, KANSAS

Hillcrest Farm Durocs

Boars ready for service sired by Taylor's Model Chief, half brother to Grand Champion Mo. State Fair, 1914. Good boars at farmers' prices. All Immune. E. N. FARNHAM, Hope, Kans.

50 Duroc-Jersey Boars

The actual tops from the 375 pigs of March and April farrow. Sired by five different boars. Up to date breeding and well grown. Farmer's prices quoted. No fall sales. Write SAMUELSON BROS., Cleburne, Kan.

Private Boar Sale

Top boars from our 115 March and April Duroc-Jersey pigs. Nothing but choice ones priced. Extra size, best of breeding. Prices reasonable and satisfaction guaranteed. HOWELL BROS. Herkimer, Marshall Co., Kansas.

Maplewood Farm DUROCS

We offer the 40 Fall and Spring gilts intended for our bred sow sale at private sale. We will breed them to either of our splendid herd boars to your order and ship satisfaction guaranteed. Prices quoted that are lower than we would have to have in a bred sow sale. Also two splendid March boars. Write for breeding, descriptions and prices. MOTT & SEABORN, HERINGTON, KANSAS

HAMPSHIRE.

Registered Hampshires Choice boars and gilts, well marked. A. Swanson, Windsor, Kan.

REGISTERED HAMPSHIRE 150 gilts and boars, all ages. Cholera immunized. Description guaranteed. C. E. LOWRY, Oxford, Kan.

Reg. Hampshire Gilts Bred or Open Also fall pigs, and my hard boar. Priced to sell. F. B. WEMPE, Frankfort, Kansas

HAMPSHIRE Best of blood lines, well marked pigs, pairs or trios, with young boar to mate gilts. Breeding stock at all times for sale. Satisfaction guaranteed. S. E. SMITH, LYONS, KANSAS.

For Hampshire Hogs, Dutch Belted Cattle, Arab Stallion COLLIE DOGS AND GEESSE FEATHERS. WHITE C. W. WEISBAUM, ALTAMONT, KANSAS.

SUNNY SLOPE FARM HAMPSHIRE

Fall pigs now coming—orders booked, 3 for \$50.00. A few spring pigs good enough to show at \$25.00 and \$40.00. Also three bred sows. I guarantee to please you or adjust any difference to your complete satisfaction.
FRANK H. PARKS, Olathe, Kansas

BERKSHIRE.

Hazlewood's Berkshires Spring boars, bred gilts—immune: priced to sell. W. O. HAZLEWOOD, WICHITA, KANS.

Large English Berkshires 2 outstanding fall boars now ready for service, price \$40.00 and \$50.00 each. 20 head of spring boars at \$25.00 to \$40.00 each. 50 head of sows and gilts bred for spring litters, price \$35.00 to \$75.00 each. Address H. E. CONROY, Nortonville, Kan.

Walnut Breeding Farm BERKSHIRE boars and gilts, spring farrow, grandsons of Barron Duke 50th, Big Crusader and Masterpiece 77000 and out of Lord Premier sows, also an imported bred outstanding 2-year-old boar and a few good Hereford bull calves. Leon Waite, Winfield, Ka.

BERKSHIRE

Help me put Berkshires on every farm; some nice boars ready for service, prize winners; also some nice bred gilts. FRED HALL, LONE WOLF, OKLAHOMA

OUTSTANDING BERKSHIRES Priced to Sell Six spring boars ready to ship; two at \$25 each; two at \$35 each and two at \$40 each. Also one of our herd boars, Ideal Centerpiece 17845 at \$50. 15 sows and gilts and 30 pigs ready to ship. Buy early and save money. J. T. BAYER, YATES CENTER, KANSAS

BERKSHIRE

for show and utility purposes. Write for prices, describing your wants, and get a photograph of the animal quoted you and thus have some idea of what you are going to get for your money.

Kiesler Farm, Perryville, Mo.



Special Offering
Sutton Farm
Berkshires

125 head for sale, 10 service boars, 15 bred sows and gilts, 100 fancy spring pigs, at attractive prices. Write today.

SUTTON FARM LAWRENCE KANSAS

POLAND CHINAS.

J. F. Foley, Oronoque, Kan. (NORTON COUNTY) 25 Early Poland China Boars. Big kind. Prices right. Address as above.

ENOS' Big Type POLANDS 30 head of fall and spring boars, 40 head of sows and spring gilts by Orphan Chief and Major Hadley. Out of Knorr-Hadley and A Wonder's Equal dams. All strictly big type. Private sale only. Write for prices. A. R. ENOS, RAMONA, KANSAS.

Jumbo Herd Poland Chinas Up-to-date big type breeding. Top spring boars for sale. Gilts reserved for Feb. 9 bred sow sale. Write JAS. W. ANDERSON, Leonardville, Kan.

King of Kansas

Fall pigs at attractive prices. Either sex. Out of my big sows. Get the best and grow them out yourself. Bred sow sale Feb. 18. Write J. L. Griffiths, Riley, Kan.

KLEIN'S BIG POLANDS

Boars and Gilts, spring farrow at attractive prices. Can furnish them not related. I guarantee satisfaction. L. E. KLEIN, Zeandale, Kan.

J. H. Harter's Poland China Fall and Spring Boars

Fall boars by Gephart, Mogals Monarch and Long King. March and April boars. Write for prices. J. H. HARTE, WESTMORELAND, KAN.

WHAT BREEDERS ARE DOING

FRANK HOWARD,
Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and West Okla., 614 So. Water St., Wichita, Kan.
John W. Johnson, N. Kansas and S. Nebraska, 820 Lincoln St., Topeka, Kan.
Ed R. Dorsey, North Missouri, Iowa and Illinois, Cameron, Mo.
Jesse R. Johnson, Nebraska, 1937 South 16th St., Lincoln, Neb.
C. H. Hay, S. E. Kan., So. Mo. and E. Okla., 4204 Windsor Ave., Kansas City, Mo.

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.

Poland China Hogs.

Jan. 26—Ira Dodson & Son, Aledo, Ill.
Feb. 1—Beall & Jackson, Roca, Neb.
Feb. 2—John Kimmmerer, Mankato, Kan.
Feb. 3—J. H. Hamilton & Son, Guide Rock, Neb.
Feb. 4—Albert Smith & Sons, Superior, Neb.
Feb. 5—H. L. Pritchett, New London, Mo.
Feb. 8—Jas. Arkell, Junction City, Kan.
Feb. 9—Jas. W. Anderson, Leonardville, Kan.
Feb. 9—Phil Dawson, at St. Joe, Mo.
Feb. 10—Agricultural College, Manhattan, Kan.
Feb. 11—G. A. Wiebe, Beatrice, Neb.
Feb. 12—W. E. Willey, Steele City, Neb.
Feb. 12—John Belcher, Raymond, Mo.
Feb. 13—J. E. Foley, Oronoque, Kan.
Feb. 13—Thos. F. Walker & Son, Alexandria, Neb.; at Fairbury, Neb.
Feb. 15—Joshua Morgan, Hardy, Neb.
Feb. 17—J. H. Harter, Westmoreland, Kan.
Feb. 18—J. L. Griffiths, Riley, Kan.
Feb. 19—A. J. Swingle, Leonardville, Kan.
Feb. 20—E. E. Merten, Clay Center, Kan.
Feb. 23—J. D. Mahan, Whiting, Kan.
Feb. 25—T. M. Willson, Lebanon, Kan.
Feb. 26—Lambert Bros., Smith Center, Kan.
Feb. 26—W. E. Epley, Diller, Neb.
Mar. 1—Groninger & Sons, Bendena, Kan.
Mar. 2—H. B. Walter, Effingham, Kan.
Mar. 3—H. C. Graner, Lancaster, Kan.
March 3—Gilbert Johnson, Osceola, Neb.

Spotted Poland Chinas.

Feb. 24—Alfred Carlson, Cleburne, Kan.

Duroc-Jersey Hogs.

Jan. 25—Geo. Briggs & Son, Clay Center, Neb.
Jan. 26—Ira Dodson & Son, Aledo, Ill.
Jan. 26—Geo. W. Schwab, Clay Center, Neb.
Jan. 28—Dana D. Shuck, Burr Oak, Kan.
Feb. 6—Philip Albrecht & Sons, Smith Center, Kan.
Feb. 9—Agricultural Col., Manhattan, Kan.
Feb. 10—J. B. Swank & Sons, Blue Rapids, Kan.
Feb. 11—Samuelson Bros., Cleburne, Kan.
Feb. 12—A. C. Buckingham and J. A. Porterfield, Jamesport, Mo.
Feb. 12—Howell Bros., Herkimer, Kan.
Feb. 16—J. M. Layton, Irving, Kan.
Feb. 18—Buskirk & Newton, Newton, Kan.
Feb. 23—J. R. Jackson, Kanopolis, Kan.
Feb. 25—Martin Kelly, Verdon, Neb.
Feb. 27—A. N. Farnham, Hope, Kan.
March 5—Samuelson Bros., Blaine, Kan.
Mar. 9—F. P. Sylvester, Hennessey, Okla.
Mar. 10—S. W. Alfred & Sons, Enid, Okla.
Mar. 11—W. W. Otey & Sons, Winfield, Kan.
Mar. 12—G. C. Norman, Winfield, Kan.
March 17—Mott & Seaborn, Herington, Kan.

O. I. C. Hogs.

Feb. 3—Chas. H. Murry, Friend, Neb.

Shorthorn Cattle.

Dec. 29-30—Thos. Andrews Estate, Cambridge, Neb.
Jan. 6—Edgar Shoebotham, Fairbury, Neb.; sale at South Omaha.
Jan. 15—L. R. Brady, Mgr., Manhattan, Kan.

Angus Cattle.

Jan. 21—L. R. Brady, Mgr., Manhattan, Kan.
Feb. 16—F. W. Schaefer, Yates Center, Kan.

Hereford Cattle.

Jan. 26—Moussell Bros., Cambridge, Neb.
Feb. 18-19—Nebraska Hereford Breeders' sale. Grand Island; Robt. Moussell, Cambridge, Neb., Mgr.

Percherons.

Jan. 13—W. H. McAfee, Mgr., Topeka, Kan.
Jan. 28—Spohr & Spohr, Latham, Kan. Sale at Wichita, Kan.
Feb. 18—W. S. Boles & Sons, Enid, Okla.
Feb. 22—F. A. Cole, Barnard, Kan.; sale at fair grounds, Beloit, Kan.

Percherons and Other Draft Horses.

Jan. 26, 27, 28, 29, 1915—Bloomington, Ill.
C. W. Hurt, Mgr., Arrowsmith, Ill.

Clydesdale Horses.

Dec. 31—Thos. Andrews, Estate, Cambridge, Neb.

Jacks and Jennets.

Mar. 6—G. C. Roan, LaPlata, Mo.

Combination Livestock Sales.

Feb. 8 to 13—T. S. Kirk, Mgr., Enid, Okla.

S. W. Kansas and Oklahoma**BY A. B. HUNTER.**

I. W. Poulton, Medora, Kan., is making attractive prices on Red Polled cows and heifers. Mr. Poulton has one of the good herds of the state. Whoever has dealings with him will find they can depend exactly on every statement he makes. His foundation stock is from the best herds of the breed and he will be able to doubt to help you select such females as you will be pleased to own. Write him describing your wants.

Choice Poland Chinas.

John Blough, Bushong, Kan., has a few extra good big type Poland China spring boars. One in particular is by Melbourn Jumbo's Equal out of a 700 pound Expansion bred dam. He also has an exceptionally fine

POLAND CHINAS.

Spring Boars By the champion Smuggler priced for quick sale. J. B. Myers, Galva, Kan.

Poland Chinas with size and quality hard boars King Hadley, Chief Giant and Long Look. Cholera immune. Stock for sale. LAMBERT BROS., SMITH CENTER, KAN.

Spring Brook Stock Farm For sale: Poll Durham Bulls and Poland China boars. Write me for prices. T. M. Willson, Lebanon, Kan.

Courtland Herd Big Type Poland

For sale: Poll Durham Bulls and Poland China boars. Write me for prices. T. M. Willson, Lebanon, Kan.

POLAND CHINA BOARS

of March farrow for sale. Prominent breeding. Prices will suit. Address Sam Herren, Penokee, Graham Co., Kan.

Success Stock Powder

Corrects indigestion, removes worms, is an appetizer and is absolutely the best conditioner on the market. It is an honest stock conditioner and sold at a fair profit. For reference, testimonials and prices, address, DOUGLAS & SON, MANHATTAN, KAN. FARM ADVERTISER.

Poland China Boars

March and April farrow. Also a few choice fall yearlings. These are actual tops and for sale at reasonable prices. Strictly Big Type. Gilts reserved for bred sow sale. JAS. ARKELL, Route 4, Junction City, Kansas

Strauss' Big Poland Chinas

Six last fall boars and 18 spring boars by Model Wonder (900 pounds) and Blue Valley Chief by Blue Valley. Write me your wants. O. R. STRAUSS, MILFORD, KANSAS

Wiebe's Immune Poland

March boars weighed 300 pounds Nov. 1st with 7½ inch bone. All from big litters and fashionable big type breeding. Choice March and April boars and spring yearlings. Priced to sell quick. Satisfaction guaranteed. G. A. WIEBE, BEATRICE, NEBRASKA.

SHEEHY'S BIG POLAND CHINAS

Fall yearling gilts, spring gilts and tried sows, bred for early farrow. Fall weanling pigs. Everything immune. Ed Sheehy, Hume, Mo.

Fall and Spring Boars For Sale

12 November boars; big, stretchy fellows. Smooth and all right at \$25 and \$30 each. 25 spring boars sired by Sterling by Brookside by Major Hadley and out of sows good enough for anybody's herd. Write your wants. A. L. Albright, Waterville, Kan.

Becker's POLAND CHINAS

Spring gilts, Hadley, Expansion, Mastodon, and other leading strains and safe in pig to Orphan Boy, by Orphan Chief. Fall pigs, pairs and trios, by Orphan Boy and Hadley's Wonder, a grandson of A Wonder.

J. H. BECKER, NEWTON, KANSAS

Big Orange Again and Gritters Surprise

Early spring boars. Herd header material at reasonable prices. Write for descriptions, breeding and prices. A. J. SWINGLE, LEONARDVILLE, KAN.

FULKERSON'S BIG TYPE POLANDS

50 serviceable males weighing from 185 to 300 pounds and 175 pigs, either sex, for sale. They are by Ben's Son and Oronoka and out of sows by A Wonder, Bell's Price, etc. 30 registered Shropshire rams. F. D. FULKERSON, BRIMSON, MISSOURI

Both Large and Medium Type Poland—300 Head

Great big, stretchy, spring pigs from mammoth sows, the kind that have show type and yet with abundance of size. We want to sell only the kind that will please you and at prices that will make you buy more. Write today. Olivier & Sons, Danville, Kan.

**DOOLEY'S SPOTTED POLANDS**

Efferville Breeding Farm, home of the old original spotted Poland Chinas. I am selling spring pigs, either sex, sired by five of the biggest and best spotted boars of the breed. Pairs and trios not related. Get your order in early as they are going fast. Over 100 head to select from. EDGAR DOOLEY, EUGENE, MISSOURI

Blough's Large Type Poland**Big Growthy Spring and Yearling Boars,**

good enough to head a breeder's herd and at prices any farmer can afford. Big, stretchy spring gilts, also a few tried sows and fall yearling gilts will be sold bred for early spring farrow. Come and see these hogs. If you are disappointed in their size or quality when you see them I will pay your car fare home. Yours for business and at prices we both can afford. Write your wants today. JOHN BLOUGH, BUSHONG, KANSAS.



LOOKABAUGH POLAND CHINAS 600 Head. Best of Large Type Breeding.

A Wonder, Hadley, Long King, Designor and other noted blood lines. A few good sows and gilts will be your best help in paying the rent or "lifting the mortgage."

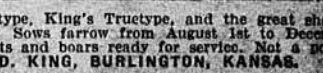
LIVE UP TO YOUR OPPORTUNITY

Not only Europe but our own country will soon be short on meat, shorter than ever before. Buy before the rise. Get a few good sows and gilts and a male to mate. Be ready for the high prices that are sure to come. Over a hundred choice spring boars from which to select. I guarantee satisfaction or money refunded. Write today.

H. C. LOOKABAUGH, Watonga, Oklahoma

**BIG TYPE UNPAMPERED BERKSHIRES**

150 sows bred to Fair Rival 10th, King's 4th Masterpiece, Truetime, King's Truetime, and the great show boar King's 10th Masterpiece. All long, large and heavy boned. Sows farrow from August 1st to December 1st. Eighty bred sows and gilts to farrow soon. Open gilts and boars ready for service. Not a pork back or foot. Every man his money's worth. E. D. KING, BURLINGTON, KANSAS.



O. I. C. HOGS.

O. I. C. PIGS Prolific Type; Registered. ED KRAUS, HAYS, KAN.

O. I. C. FALL BOARS REGISTERED FREE. HENRY KAMPING, ELSMERE, KANSAS.

O. I. C. BOARS THAT ARE EXTRA GOOD. HARRY W. HAYNES, MERIDEN, KANS.

SunnySide Herd O. I. C.

80 Spring pigs both sex, pairs and trios not related, best of breeding, priced right. W. H. LYNCH, READING, KAN.

O. I. C. Spring and fall pigs, good herd boar and bred sows. Special prices for next 30 days. A. G. COOK, WALDO, KAN.

Grandview Stock Farm

25 O. I. C., March and April, boars and gilts. Special prices for the next thirty days. ANDREW KOSAR, Delphos, Kan.

O. I. C. Bred Sows and Gilts

A few tried sows and gilts, bred for fall farrow. 150 spring pigs with size and quality, also a few boars ready for service. Write for prices. JOHN H. NEEF, BOONVILLE, MISSOURI

Maple Grove Stock Farm

F. H. SCHMADEKE, Prop., R. R. 4, Clarksville Ia.

BREEDER AND SHIPPER OF PURE BRED

Chester White Hogs, S.C. Buff Orpington Chickens Stock for sale at all times. Correspondence solicited, visitors welcome. Member of the Chester White Record Association. We devote our time to the hog and chicken business and can please you.

Maple Grove O. I. C's.

Sows with quality and finish to farrow in Jan., Feb. and March, \$20 to \$35. Choice gilts farrowed last Jan. bred to farrow in Feb. and March, \$22.50. Pigs two to five months old \$8 to \$14. Pairs and Trios not related. May boars \$15. May gilts \$17.50. Prices are good until Jan. 1st, 1915. Never had cholera on the place.

J. F. Greiner, Billings, Missouri

JACKS AND JENNETS.

Big Boned Jacks and Jennets

Herd won more prizes at Oklahoma State Fair 1914 than all others combined. One of the oldest established herds in the state. J. H. SMITH Kingfisher, Okla.



MAMMOTH JACKS

You will find at my barns one of the largest number of best quality registered, big-boned black jacks, 15 to over 16 hands, to be found in the U.S. Reference, Banks of Lawrence. Location 40 miles west of Kansas City on the U. P. and Santa Fe. Prices reasonable.

A. E. Smith, Lawrence, Kas.

Jacks and Jennets

A good lot of two to six-year-old jacks, well broke and quick servers, the kind that gets business in any community. Reduced prices for the next 30 days. Call or write.

PHIL WALKER
MOLINE, KANSAS



PUREBRED HORSES.

FOR IMPORTED PERCHERON HORSE and REGISTERED JACK, extra good stock. SALE. MT. CARMEL HORSE COMPANY, Pleasanton, Kansas, J. T. Holt, Sec.

German Coach
70—Horses—70
The great general purpose horse. Satisfaction guaranteed. Write or call.
J. C. BERGNER & SONS, Pratt, Ks.

Percheron Stallions and Mares At Woodland Stock Farm

35 Head from which to select. Write your wants today. Our prices talk best.

SPOHR & SPOHR
LATHAM, BUTLER COUNTY, KANSAS

For Sale

2 Black PERCHERON Stallions Big, sound, attractive horses, with unusual style and action. Priced to sell. Bargains.
Sutton Farm, Lawrence, Kans.

lot of fall pigs that can be bought at a very low figure, especially where they are taken in pairs or trios. They are all growing fine and are being sold to make room for this growing herd. Nothing but extra good ones shipped. Write him today, mentioning Farmers Mail and Breeze.

Poland China Bred Gilts.

J. H. Becker, Newton, Kan., has sold all but a few of his spring boars and is now offering choice spring gilts and early fall pigs from Poland China sows that carry the blood of Hadley, Expansion and other noted strains. They are from prolific sows and are extra good. The spring gilts are safe in pig to Orphan Boy, by Orphan Chief and Hadley Wonder, a grandson of A Wonder. He is making special prices on the fall pigs, pairs and trios unrelated. Write him your wants.

Big, Growthy Poland Males.

Olivier & Sons, Danville, Kan., have a choice lot of Poland China males which they are pricing for quick sale. They range from the real herd header kind to the kind any farmer should have and can afford. They are by such sires as Smuggler, three times grand champion of Kansas; Logan Price; Chief Price; Pioneer's Orange, by Big Orange; Big Long Jumbo; Long King's Equal; King of All and other noted sires. They are large enough for service, priced reasonably and will please you. Write soon and have a fine lot from which to select. They are all good but some are better. Please mention Farmers Mail and Breeze.

N. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

J. D. Mahan, Whiting, Kan., has changed the date of his big Poland China bred sow sale from February 18 to February 23. The sale will be held at Whiting and will be one of the best sales of the season.

F. B. Wempe, Frankfort, Kan., breeds Hampshire hogs and carries an ad in the Farmers Mail and Breeze all the time. He writes that he has sold all of his spring pigs and is now ready to price a nice lot of gilts bred or open. He also desires to sell his herd boar 1 year old. Also a fine lot of fall pigs, both sexes. He says he will make prices that will get orders. Write him and get his prices. Everything registered.

In every issue of the Farmers Mail and Breeze, in the livestock section appears the advertisement of Success Stock Powder, manufactured by Douglas & Son, Manhattan, Kan. Success Stock Powder is a conditioner and appetizer and one of the best worm eradicators on the market. Douglas & Son are Riley county farmers and stockmen, for over 30 years and are putting this conditioner on the market with a full knowledge of its worth.

E. N. Farnham, Hope, Kan., breeds Duroc-Jerseys on his farm near Hope and has for immediate sale and at attractive prices a few good spring boars and three or four fall boars. All are sired by Taylor's Model Chief and Crimson Wonder's Equality. They are out of the big sows in Mr. Farnham's herd which are as choice a lot of herd sows as any in the West. These boars will be priced right to move them quick as he desires to get them out of the way because of his big bred sow sale February 27.

Shawnee County Percherons.

January 13 is the date of the big Percheron sale at the stock pavilion at the fair grounds, Topeka, Kan. Percheron breeders in Shawnee county are responsible for this sale and it is a sale to which the best Percheron breeders in the county have consigned. This is the first of the regular annual Percheron sales that will be held at the fair grounds and nothing but first class stock will be offered. About 40 head will be sold and the offering will be made up of a classy lot of young Percherons. H. W. McAfee and Frank M. McCallister, both of Topeka, have the arrangements in hand. Requests for information of any kind or for catalogs should be addressed to either party and it will receive prompt attention. The breeders back of this sale insure its success. You can have them book you for a catalog any time. Mention the Farmers Mail and Breeze when you write.

Wells Offers Bred Sows.

Ralph P. Wells, the well known Duroc-Jersey breeder at Formoso, Kan., has decided not to hold a bred sow sale this winter but will try the plan of breeding them and selling them at private sale. He is offering a choice lot of gilts and sows that will be bred for March and April farrow. A number of good sows that have raised litters are by Crimson Defender, by I Am A Crimson Wonder 2d. Some of the gilts are by the same boar and they will all be bred to Model A, a fine young boar, by Model Hero, by Golden Model. Mr. Wells will be glad to make you a very reasonable price on a bred sow or gilt and will ship her after she is safely passed over. He can ship on the main line of the Rock Island or over the Superior-Strong City branch of the Santa Fe. Write him today about prices on bred sows. Mention the Farmers Mail and Breeze when you write.

Square Deal Every Time.

Fred R. Cottrell, Irving, Kan., is proprietor of the big Blue Valley breeding farm near that place and a pioneer breeder of Hereford cattle having bred them in Marshall county for over 20 years. At the present time the herd numbers over 200 head of registered cattle. He is offering for immediate sale 20 registered bulls from 6 to 15 months old, 10 heifers 6 to 9 months old and a splendid 3-year-old herd bull. Mr. Cottrell is making surprisingly low prices on his cattle. He is also offering 16 Poland China spring boars eligible to registry and 100 big farm raised Barred Rock cockerels. Mr. Cottrell is not offering anything for breeding purposes that is not first class and will guarantee satisfaction on everything. The writer has known Fred Cottrell for years and cheerfully recommends him to everyone desiring to buy anything in his line. You will get a perfectly square deal from him every time. Write him for prices and descriptions.

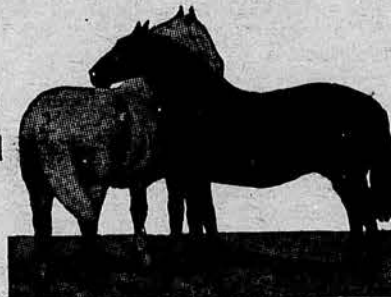
Maplewood Farm Durocs.

Mott & Seaborn, Herington, Kan., are Duroc-Jersey breeders who have enjoyed a good boar trade this fall. They are regular advertisers in the Farmers Mail and Breeze and have shipped 30 boars this fall and are

Percheron Stallions and Mares

50 Head of Percherons

All Registered in the Percheron Society of America



Algarve by Samson

at the head of the herd, is a wonderfully impressive sire, weighing over 2200 pounds.

Young stallions and mares by Algarve and big handsome mares of correct type, in foal to him, make up a large part of this offering. His two-year-old daughter was 1st in class at the International and the mares we offer you bred to him are the kind that will do honor to him.

If you want Percherons, we want to meet you and there is no better way than right at our barns and pastures, where you can see what they are and how we raise them. When you see this year's crop of big-boned, square-built, handsome colts you will have a better idea of what we have to sell.

These Percherons are strong in the best blood ever imported from France. They have size, bone and conformation that cannot help but please you if you want the good, big draft type of Percheron. We expect to sell Percherons because we have the right kind and at prices you will say are reasonable. Write wire or phone what you want or when you can call at the farm, 3 miles East of Great Bend. Shipment over both Missouri Pacific and Santa Fe. Call on or address

Harris Bros., Great Bend, Kan.

LAMER

I have just received a new shipment of 20 Stallions and now have

80-Head-80
Stallions, Mares, Fillies and Colts

WRITE FOR PRICES

C. W. Lamer, Salina, Kansas

Brilliant Blood, Jet Blacks, Rich Grays

Registered Percheron studs, 1, 2, 3 and 4 years old. I grow great big fellows with extraordinary bone and heavy quarters—I love a good horse. Come and visit at my plain old-fashioned Percheron farm that has the goods, and lots of them. Don't let anyone tell you that they have Percherons just like Fred Chandler's. Just above Kansas City. FRED CHANDLER, Route 7, Chariton, Iowa.



LIVESTOCK AUCTIONEERS.

FLOYD CONDRAY, Stockdale, Kansas
Livestock auctioneer. Write for open dates.

RUGGELS & SON SALINA, KAN.
BEVERLY, KAN.
Livestock, Real Estate. Address either place.

Livestock Artist
HARRY SPURLING, TAYLORVILLE, ILL.

BOYD NEWCOM Wichita, Kansas.
AUCTIONEER.
Real Estate a Specialty. Write, wire or phone for dates

N.W. COX Wellington, Ks.
AUCTIONEER
LIVESTOCK AND FARM SALES.

Spencer Young, Osborne, Kan.
Livestock Auctioneer. Write for dates.

Jas. T. McCulloch, Clay Center, Kan.
Reference: The breeders I am selling for every year. Write for open dates.

WILL MYERS, Livestock Auctioneer
BELOIT, KANSAS. Ask the breeders in North Central Kansas. FOR DATES ADDRESS AS ABOVE.

LIVESTOCK AUCTIONEERS.

D. F. Perkins, Concordia, Kan.
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Write, wire or phone for dates.

FRANK J. ZAUN
FINE STOCK AUCTIONEER, INDEPENDENCE, MO.
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JESSE HOWELL, HERKIMER, KAN.
of Howell Bros., breeders of Durocs and Herefords can make you money on your next sale. Write for dates.

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Be an Auctioneer

Travel over the country and make big money. No other profession can be learned so quickly, that will pay as big wages. Next 4 weeks term opens Jan. 4, 1915. Are you coming?

MISSOURI AUCTION SCHOOL
Largest in the World. W. B. Carpenter, Pres
818 Walnut St., Kansas City, Mo.

MULE FOOT HOGS.

"Mule Footed Hogs"

The coming hogs of America. Hardy, good rustlers. Pigs 16 to 18 weeks old \$30 per pair. Circular free.

J. B. DICK, LABETTE, KANSAS

POLLED DURHAMS.

Sleepy Hollow Polled Durham Cattle

12 good bulls coming 1 year old, bred cows and heifers for sale. Also a number of good jacks. C. M. HOWARD, Hammond, Kansas.

RED POLLED CATTLE.

FOSTER'S RED POLLED CATTLE Write for prices on breeding cattle. C. E. FOSTER, R. R. 4, Eldorado, Kansas.

RED POLLED CATTLE

Choice bulls, cows and heifers for sale. Best of breeding. Write or better come and see. CHARLES MORRISON & SON, Phillipsburg, Kan.

RED POLLED CATTLE

BEST of BLOOD LINES and cattle that will please you. Cows, heifers and young bulls, at attractive prices. I. W. POULTON, MEDORA, KAN.

ABERDEEN-ANGUS.

Aberdeen Angus Cattle**DUROC HOGS**

Johnson Workman, Russell, Kan.

ANGUS CATTLE

I will sell my herd bull Rutger Heatherson 3rd, 118104 and eight coming yearling bulls; also some females, open and bred. My herd consists of animals of the best breeding, strong in the blood of the Blackbirds, Queen Mothers, Bruce Hills, Heatherblooms and Lady Jeans. W. G. DENTON, Denton, Kansas

Aberdeen Angus Cattle

50 Females Yearlings and coming yearlings; also one three-year-old bull. These are the best cattle we have ever offered and priced for quick sale. SUTTON FARMS, Route 6, Lawrence, Kan.

GALLOWAYS.

Registered Galloways

Either Sex

Walter Hill, Hope, Kansas.

Registered Galloways

250 in herd. 40 bulls from 5 to 18 months, sired by the 2290 lb. Carnot. Imp. breeding. W. W. DUNHAM, Doniphan, (Hall County), Nebraska.

CAPITAL VIEW GALLOWAYS

Bulls from 6 months to 2 years; also a few females of modern and quick maturing type.

G. E. Clark, Topeka, Kan.

HEREFORDS.

Polled Hereford Bulls of serviceable ages. 75 Rock cockerels. Write W. C. MUELLER, Hanover, Kan.

TILLEY'S HEREFORDS

A carload of richly bred heifers. 20 yearlings and 13 two-year-olds. The two-year-olds are safe with calf. Extra choice.

Also a few choice Poland China boars and Black Langshan cockerels. Address S. W. TILLEY, IRVING, KANSAS

Prime Herefords

Clover Herd headed by Garfield 4th, by Columbus 53rd. Choice cows from Funkhouser, Sunny Slope, Newman and other noted herds.

FOR SALE—Choice bulls of all ages; also heifers and cows. Will sell Garfield 4th, because related to my young stock.

F. S. JACKSON, Topeka, Kansas

Sedlacek**Herefords**

14 bulls from 6 to 16 months old for sale. Popular breeding and the best of individuals. Write for full particulars and prices.

J. F. Sedlacek, Blue Rapids, Kan.

For Sale

20 registered Hereford bulls, 6 to 15 months old, \$75.00 to \$100.00, delivered. 10 registered Heifers, 6 to 9 months old, \$60.00. A-No. 1 coming 3-year-old Columbus bred herd bull. 16 head good registered Poland China boars and a fine flock of Barred Plymouth Rock Cockerels.

FRED R. COTTRELL, Irving, Ks.

out of boars good enough to ship with the exception of two that their neighbor has raised out of a sow bought in their last season's bred sow sale. These boars are out of I Kant Be Beat, by old King of Kant Be Beat, the 1,000-pound boar that was owned by Rinehart & Son. They are out of a splendid sow and are really two great boar prospects and will be sold worth the money. Write to them at once if you want a boar cheap that is a dandy. They will be shipped on approval. This firm has decided to try the private sale plan this winter and have called off their bred sow sale and will sell the 40 picked fall and spring gilts intended for this sale at private sale. They will be sold at lower prices than the firm would have to have in a bred sow sale. They will be shipped on approval and you can buy one or more gilts now and have them bred to your order to any of their herd boars. Their new herd boar has been recorded Geiman's Good Enough. He was sired by Good Enough Again King, Otey's grand champion boar. He is a senior yearling and will weigh 600 pounds. Write them today. Look up their advertisement in this issue of the Farmers Mail and Breeze.

Bonnie View Duroc-Jerseys.

Searle & Cottle, owners of the Bonnie View Duroc-Jersey herd of Berryton, Kan., are changing their ad with this issue of Farmers Mail and Breeze and are making a special offer on sows and gilts bred for spring farrow. The sows are bred to Tat-A-Walla and the gilts are bred to A Critic. Tat-A-Walla was grand champion boar in 1913. In 1914 at the big Kansas fair at Topeka, he got won first as young herd bred by exhibitor, first as get of sire, first and second senior yearling sows, second and third on 2-year-old sows. The sows bred to this great champion are as richly bred as it is possible to get them and they are of the same type as the sows with which Searle & Cottle have been winning the lion's share of the blue and purple ribbons at the state fairs for several years past. The gilts offered by this firm are sired by Tat-A-Walla and Jay Hawk Crimson Wonder. This in itself would be a splendid reason for buying these gilts but the fact that they are bred to A Critic is another good reason for buying them. A Critic was sired by Critic B and is out of Wonder's Beauty 251260. His grandsire was the famous champion Crimson Wonder Again. Searle & Cottle bought this young hog from Wilde & Son of Genoa, Neb., paying \$200 for him without a show record. He is an exceptionally good hog and will prove a very formidable candidate for grand champion honors next year. If you can use some of these good sows and gilts at reasonable prices write Searle & Cottle, Berryton, Kan., and mention Farmers Mail and Breeze.

Illinois and Indiana

BY ED. R. DORSEY.

G. C. Roan, proprietor of Clover Leaf Valley Jack Farm of LaPlata, Mo., will hold his sixth annual sale on March 8, 1915. In this sale he will sell 50 head of jacks and jennets. Mr. Roan has a reputation for selling better jacks for less money than can be found elsewhere.

Percherons Sell High.

The draft sale of Percherons from the Gregory Farm Herd made by W. S. Cora of White Hall, Ill., December 8, was a record breaker. The 34 head of stallions and mares brought \$22,310, an average of \$656.12. The six stallions brought \$6,070, an average of \$1,011.66. The great \$10,000 champion stallion, Carnot, was the prime factor of this sale as practically all of the young things were sired by him and the mares were in foal to him. The bidding was snappy throughout the sale, showing plenty of competition for each animal. It was said that 15 states were represented in the sale audience which numbered about 1,200. Among the heavy buyers should be mentioned A. W. Green of Middlefield, Ia., who took Carmerica, the good son of Carnot, at \$1,475; also three other good stallions and two mares. The Mooseheart Stock Farm of Aurora, Ill., took Vicarnot at \$1,000 and several good mares. Charles Caldwell of Burlington Junction, Mo., was a strong bidder in the mare section, taking two good ones at \$835 each. Frank Kirk of Enid, Okla., was a strong bidder throughout the sale, taking in all 10 head. Col. Woods of Nebraska was the principal auctioneer. He was assisted by W. H. Cooper of Iowa, Carey M. Jones of Chicago and Floyd Seeley of Illinois.

Nebraska

BY JESSE R. JOHNSON.

About the biggest thing that ever happened in the western half of Nebraska will be the big three days' sale to be held at Cambridge, Neb., December 29, 30 and 31. This is the Thos. Andrews estate dispersion sale and is the accumulated efforts of one of the best stockmen that ever lived in the West. Over 100 head of registered Short-horns go into the sale and nearly 20 head of registered Clydesdale horses as good as can be found in America. The cattle will be sold December 29 and 30, and the horses on the day following. The cattle comprise about 20 young bulls and the herd bull Scotch Mist, 20 heifers from 12 to 18 months of age, 14 heifer calves and about 40 choice young cows all bred or with calves at foot by Scotch Mist. All young stuff under 18 months was sired by the previous herd bull, Lavender Goods, a grandson of Choice Goods. A large per cent of the cows are daughters of Nonpareil Victor 2d. Nothing but pure Scotch bulls have been used in the herd for years. About half of the offering are pure Scotch and fully half are nice roans with a few whites. This is truly one of the best opportunities ever presented to the breeders of Nebraska and Kansas to buy high class Shorthorns that would not be for sale under ordinary conditions. Remember date and write for catalog, mentioning this paper.—J. R. J.

Shorthorn Sale at Omaha.

Edgar Shoebottom, the well known Shorthorn breeder of Fairbury, Neb., has announced that he will hold his sale at South Omaha, Wednesday, January 6. Mr. Shoebottom's original plans were to hold this sale in December but he was obliged to postpone it. Now the cattle are another month nearer grass and conditions have improved in every way so that this sale should be especially attractive to the cattlemen of

Lookabaugh's Shorthorns

More and better Shorthorns for my customers than ever before.

\$20,000 worth of pure bred Registered Shorthorns to sell the next 60 days. \$1000 properly invested in these cattle will make you rich. Come early and get your pick; we pay your car fare home if you do not buy.

Foundation stock that carry the blood of the very best Scotch families.

THE FARMER'S COW

2 heifers and a bull — milking strain, not related — \$250.

2 fresh milk cows, calf at foot and rebred—milking strain—\$350.



Strong in the blood of the most noted sires of the breed.

8 head of heifers, milking strain and Scotch herd bull all for \$1,000.

A car load of rugged young bulls, \$100 to \$150 each.

A WORD TO MR. BREEDER

It is easy to increase the value of every Shorthorn you raise from \$10 to \$30, simply by using a better breeding bull. Stop and figure what this means even on the first crop of calves, whether you have 6 or 50 breeding cows and heifers in your herd. I have never before had such splendid herd bull material from which to select. I want to place these bulls where they will do the most good. The success of those who buy these herd bulls will prove more than all my prize winning and show ring honors my ability as a breeder. Come and see them, you will say with others they are the greatest bunch of herd header material you ever saw on any farm.

CALL ON OR WRITE

H. C. Lookabaugh, Watonga, Okla.

Cattle! Shorthorn Cattle!!

150 Head { 100 cows and heifers bred or with calf at foot. 25 choice young heifers. 25 young bulls, 8 to 20 months old.

Rosewood Dale by Avondale and out of Rosewood 92nd, a sire of unusual merit heads this herd. A large per cent of these cows and heifers are bred to this son of the champion Avondale. When you visit the herd and see 30 of his last season's get, 17 sweet heifers and 13 young bulls, 8 to 10 months old, they will prove without a word his ability as a sire and you will appreciate more the cows and heifers bred to him. Here is

A RARE CHANCE FOR BREEDER AND FARMER

who can use a number of breeding Shorthorns to increase their number or lay the foundation for a beginning Shorthorn herd.

Special Prices will be made to those who buy a male and females to mate. The foundation females of this herd are mostly from my Wisconsin herd and are strong in milking strains. If you want Shorthorns we can do business. Address

LEVI ECKHARDT, 1203 East 10th St., Winfield, Kan.

Reduction Sale of Shorthorns

Come to Doyle Valley Stock Farm

**175 Head of Shorthorns**

50 HEAD MUST SELL IN 60 DAYS. Here is the Bargain Counter for the man who expects to start in the Shorthorn business. All kinds of Shorthorn Breeding Stock from which to select—Cows, Heifers and Bulls, cows with calf at side others due to calve soon. Included are grandsons and daughters of such sires as Avondale, Prince Oederic and other noted sires. If you want Shorthorns come now. Write, wire or phone me when to meet you at Peabody either Rock Island or Santa Fe Depot. Yours for business,

M. S. CONVERSE, Peabody, Kansas

**HIGH GRADE and REGISTERED HOLSTEINS**

OVER 100 HEAD OF COWS, HEIFERS AND BULLS.

The slo and dairy cow are here to stay. There is big money and sure profit in the dairy farm if you use the right kind of cows. The Holstein has proven her worth in the North and East and is sure to take the lead in the southwest. Visitors welcome; call or write today.

Clyde Girod, Towanda, Kansas

HOLSTEINS

1026 pounds butter, as a three-year-old (world's record.) We will let this great bull to a few good cows this season at \$25.00. We have several young bulls for sale. Write for particulars to

SHULTHIS, ROBINSON & SHULTZ,

(Owners), INDEPENDENCE, KANSAS

DAIRY CATTLE.

Sunflower Herd Registered Holsteins

A number of choice young bulls all from A. R. O. dams and from proven sires and grandsires. (A good bull is a profitable investment, a cheap bull will prove a disappointment.) Buy a good one from **F. J. SEARLE, OSKALOOSA, KANSAS**

Linscott JERSEYS

Premier Register of Merit Herd Est. 1878. Bulls of Reg. of Merit, Imported, Prize Winning stock. Most fashionable breeding, best individuality. Also cows and heifers. Prices moderate. **R. J. LINSOTT, HOLTON, KANSAS**

Registered Jersey Cattle

7 bulls from 1 to 12 mos. All solid colors by Blue Boy Baron. Also Forfarshire Fine Boy. Extra individual, 50 per cent Forfarshire blood. Cows and heifers. **S. S. SMITH, CLAY CENTER, KANSAS.**

Holstein-Friesian Bulls

Very attractive prices on a registered herd bull, two years old and on younger registered bull calves for next few weeks. One a son of 90 lb. cow and her grand dam a 101 lb. cow. **HIGGINBOTHAM BROS., ROSSVILLE, KANSAS.**

BONNIE BRAE HOLSTEINS

I am offering this week 7 head of Registered heifers coming two year olds and 6 head of cows from 3 to 5 years old. Will make an attractive price on the bunch. **IRA ROMIG, Sta. B, TOPEKA, KANSAS.**

HIGH GRADE HOLSTEINS

Over 200 head in herd. Special prices on cows and 40 yearling and 2-year-old heifers, sired by Sindy Butter Boy King, whose dam and granddam were 27 lb. cows. 40 miles west of K.C. N. **EAGER, R. R. No. 8, Lawrence, Kansas**

HOLSTEINS —CHOICE BULL CALVES

H. B. COWLES, TOPEKA, KANSAS.

SOMMER--BLADS GUERNSEYS!

TUBERCULIN TESTED.

Some matured cows and young bulls by Chief Glenwood Boy of Haddon, Penwyn 2d and Flash of Fenmore (A. R. 55). Address **ERNEST KENYON, Nortonville, Kansas**

GUERNSEYS

I have one very choice Guernsey bull of serviceable age, out of imported sire and dam; also one six-months old bull—very choice.

OVERLAND GUERNSEY FARM, OVERLAND PARK, KANSAS

SHORTHORNS.

SHORTHORN BULLS

4 Shorthorn bulls, 7 months old, white and roans, sired by Golden Cruickshank, pure Scotch. From the same family as Lavender Lord, by Avondale. **C. E. HILL, TORONTO, KANSAS.**

Shorthorns

Choice young bulls by my 2,200-lb. Searchlight Bull. Also a few big type Poland China boars. **A. M. MARKLEY, MOUND CITY, KANSAS**

Shorthorn Bulls

6 bulls from 14 to 18 months old. Also 6 heifers from 1 to 2 years old. Got by pure Scotch sires. A grand lot. Prices reasonable.

L. M. Noffsinger, Osborne, Kan.

SCOTCH and SCOTCH TOP BULLS

10 pure Scotch and Scotch topped bulls of serviceable ages. Also 10 picked Poland China boars and my herd boar A's Big Orange.

Write for descriptions and prices. **S. B. AMCOATS, CLAY CENTER, KAN.**

Abbotsford Stock Farm

30 years the home of

Scotch and Scotch Topped Shorthorn Cattle

For Sale: 20 bulls, six to 12 months old. Roans and Reds.

Also a nice lot of yearling and two year old heifers. The two year olds are safe with calf. 130 head in the herd. Inspection invited. Address

D. Ballantyne & Son, Herington, Kan.

Pearl Herd Shorthorns

Valiant 34612 and Marengo's Pearl 391962 in service on herd. Choice early spring bulls by Valiant for sale. Thrifty and good prospects. Scotch and Scotch Topped. Correspondence and inspection invited.

C. W. Taylor, Abilene, Kansas

every state in the Middle West. The 48 head cataloged are about half of pure Scotch breeding and the others are Scotch topped. The 16 bulls are of the low down, blocky type and include several outstanding individuals. About one-third of the offering was sired by the great stock bull Baron Sultan and his best son Roan Sultan. This is within itself a sufficient guarantee that good cattle must be found in this sale. He breeds that mellowness and thickness of flesh that is so much desired. A few of the younger bulls are by Roan Sultan and a big per cent of the cows and heifers included in the sale are in calf to him. The heifers include some very choice specimens of the breed. They are very uniform and represent splendid families. In making up this sale Mr. Shoebottom has made a fair division with the buyers and has cataloged many females that he would prefer not to sell, but he is anxious to present an offering that will please. Write at once for catalog, mentioning this paper.

S. E. Kansas and S. Missouri

BY C. H. HAY.

J. T. Bayer & Sons of Yates Center, Kan., are offering some special bargains in their prize winning, big Berkshires. They are offering in this issue six spring boars; one herd boar, Ideal Centerpiece; 15 sows and gilts and 30 smaller pigs. For prices on this offering see ad in this issue and for further particulars write J. T. Bayer & Sons, Yates Center, Kan.

Stugard's Shorthorns Sold Slow.

The inquiry for catalogs on this sale was unusually large, but only a very few of those who were apparently much interested in the advertising were on hand sale day. Very bad weather conditions, perhaps, kept away a good many local buyers. The bidding was slow and the sale was stopped when 20 head had sold. The average was \$83. This included a number of calves. Mr. Stugard has 20 head which he wishes to dispose of at private treaty.

A Good Place to Buy.

Our readers should notice the change of copy of F. J. Greiner of Billings, Mo. He has one of the leading herds of this section, and his prices are remarkably low. Mr. Greiner has just purchased the fine young show boar Frost's King, that won several blue ribbons at the Interstate fair at St. Joseph this fall. Mr. Greiner states that he never had cholera on the farm, and that he never had hogs in a more healthy condition. He can fit you out with anything you want in the O. I. C. line. Look up his ad and write him about these hogs.

Taylor Offers Fine Durocs.

Parties interested in Durocs should notice the new ad of R. W. Taylor of Olean, Mo. A letter just received from Mr. Taylor states that he has some splendid young boars which he is pricing at just common hog prices. His pigs are from some of the best families known to the breed. They are sired by such great boars as Proffers Colonel, Colonel Wonder, King Chiefton (by the champion Crimson Col. I Am) and I Am A Col. and others. I Am A Col. is considered by many to be the best boar in the state of Illinois. It will be remembered that Col. Wonder was grand champion at Sedalia in 1913. Mr. Taylor has a large number of Durocs on hand and can ship you some good ones. See his ad in the Duroc columns.

Hogs Have Ear Troubles

I have 140 spring pigs which weigh from 150 to 250 pounds. Three of the smallest hold their heads to one side as if there were something in one ear. The first one affected could not walk for three or four days but it is better now. It eats and drinks regularly but still holds its head to one side. The trouble is starting among the fall pigs. My hogs are fed corn and kafir and run on good alfalfa pasture. They have plenty of good water and a good, dry place to sleep. They seem healthy, otherwise, and are making good gains.

C. L. B.

Greenwood County, Kansas.

The trouble you describe is more or less common though we cannot state positively what is the exact nature of the ailment. It has been our privilege to hold a post-mortem examination of animals affected in a similar way on several occasions. We always found one of two conditions. There was a small abscess, sometimes, at the base of the brain. This probably was formed as the result of a general infection of the system. There is no known treatment for this condition.

The larva of the ordinary screw worm fly was found in the deep parts of the ear in other cases. The larva presses on the bones and sensitive structures of the ear. This pressure involves the brain secondarily and causes the symptoms noted. We have produced relief in many cases, though not always, by pouring a mixture consisting of 1 dram of laudanum and 1 ounce of olive oil into the animal's ear once every day for three or four days. The hair should be trimmed out of the ear carefully, and the ear should be cleaned and dried thoroughly before the medicine is administered.

Dr. R. R. Dykstra, Kansas State Agricultural College.

Energy at Vermillion

In six sessions of the Vermillion Farmers' institute, ended December 7, the members showed, in competition apples, oats, wheat, corn, domestic art, colts, horses, and poultry. The total attendance, reported by P. E. Crabtree, an extension lecturer, was 2,083.

Baron Sultan Shorthorns at Auction

So. Omaha, Neb., Wednesday, Jan. 6, 1915



48 head, about half of which are pure Scotch, the remainder have several Scotch tops.

12 CHOICE BULLS, reds and roans, in age from 14 to 18 months.

16 HEIFERS, yearlings and two-year-olds.

20 EXTRA GOOD YOUNG COWS, all in calf or with calves at foot.

The cows are regular and uniform breeders and represent the best Shorthorn blood lines. About one-third of the offering was sired by the great Baron Sultan and his son, Roan Sultan. The young calves are mostly by Roan Sultan and most of the females are bred to him, many of the cows are well along in calf. Baron Sultan is one of the greatest sons of Whitehall Sultan and his dam, Athens of Riverdale, by Imp. Victoria's Count, represents the very best Cruickshank breeding. We are making a liberal division with the buyers and putting some of our very best stuff in this sale. Bulls good enough to head any herd are included. Write at once for catalog. Mention this paper.

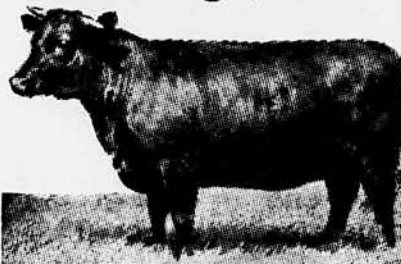
EDGAR SHOEBOOTHAM, Fairbury, Neb.

Col. Z. S. Branson, Auctioneer.

Jesse Johnson, Fieldman.

Dispersion Sale**Shorthorn Cattle and Clydesdale Horses**

Cambridge, Neb.



December 29-30

100 Registered Shorthorns

18 bulls in age from calves to 18 mos. 20 heifers 12 to 18 mo. 10 heifer calves. 50 cows all bred and many with calves at foot by the pure Scotch bull Scotch Mist. Everything in sale under eighteen months was sired by Lavender Goods, grandson of Choice Goods. Many of the cows were sired by the great Nonpareil Victor 2d, others by the Scotch bull Bar None, imported from Canada. Half of the offering is pure Scotch.

This is the greatest offering of good, useful cattle and horses that will be sold in any one sale this year. Write for catalog, mentioning this paper.

THOS. ANDREWS ESTATE

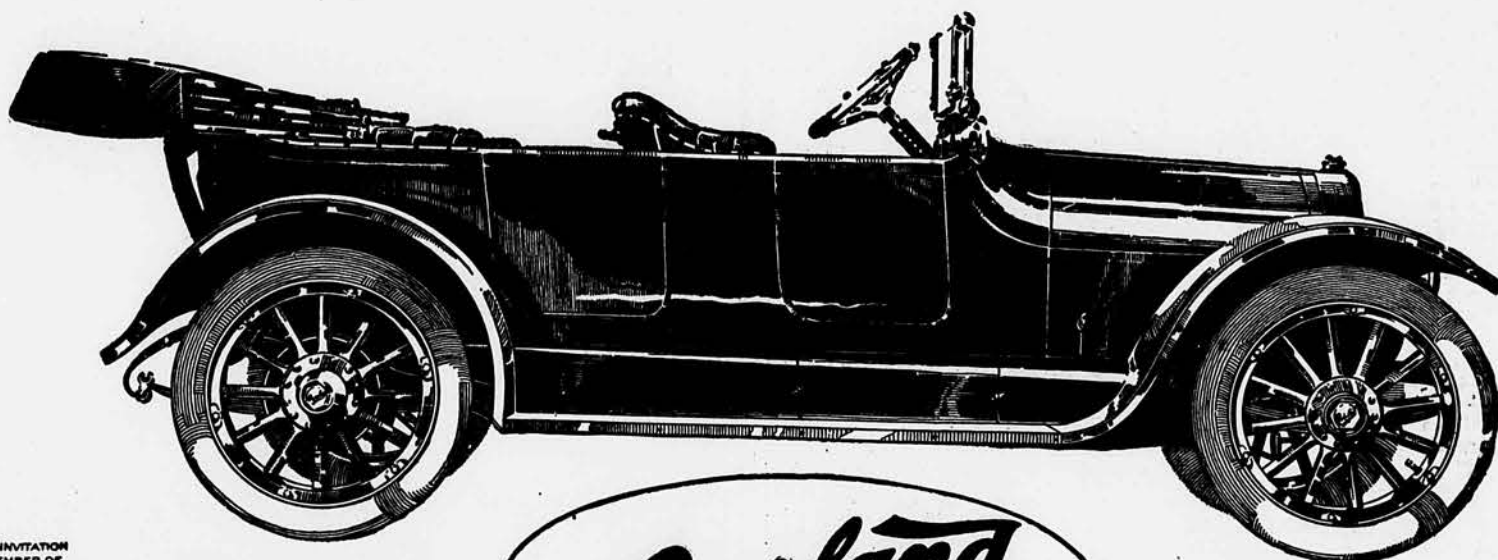
G. & D. ANDREWS, Executors, Cambridge, Neb.

H. S. Duncan, Auctioneer. Jesse Johnson, Fieldman.

December 31

17 Registered Clydesdales

5 mature mares, one of which was imported, and all in foal; 1 three-year-old filley; 2 two-year-old fillies; 1 yearling filley and 4 mare foals; 1 stallion foal and 2 coming two-year-old stallions. 4 of the mares are by Imp. Earl of Aberdeen, and 4 head are out of the imported mare. 11 head sired by the great Imp. Chicago Boss. There is no better breeding in the Clydesdale herd book.



Model 80

Overland

\$1075

Get a Big New Overland For the Big New Year

Nineteen fifteen is just a stone's throw away.

The most conservative estimates promise the biggest, best and most prosperous year you have ever had the pleasure and privilege of living through.

So now, as never before, you need a car.

And what is more—you need an Overland.

Here's why.

The Overland offers the greatest intrinsic value for the very least amount of actual money.

Regardless of price—it is one of the handsomest cars ever built. The beautiful full stream-line body is one of the most admired designs of the season.

Regardless of price—it is one of the most comfortable cars ever built. The long underslung rear springs make it ride with absolute ease and smoothness at all times. So do the large tonneau, deep and soft upholstery, and large tires.

Regardless of price—it is one of the most convenient cars ever built. It is electrically started and electrically lighted. All of the electric controls are conveniently located on the steering column. You can operate every button without changing your driving position.

Regardless of price—it is one of the most complete cars. There are demountable rims, with one extra,

a high-tension magneto, built-in ventilating type windshield, mohair top and boot, magnetic speedometer and curtain box. In fact every modern improvement.

Then remember this—

The first cost is not only considerably less but so is the operating cost. In both directions you save money.

Also remember that every Overland is backed by a world wide service.

So by all means get an Overland—and get it now.

Then, and only then, you'll make 1915 just that much bigger, better and more delightful for your whole family.

Act today.

BRIEF SPECIFICATIONS

Motor 35 h. p.
New full stream-line body
Tonneau: longer and wider
Upholstery: deeper and softer

Windshield; rain-vision, ventilating type, built-in
Electric starter
Electric lights
Thermo-syphon cooling—no pump needed

High-tension magneto; no dry cells necessary
Five bearing crankshaft
Rear-axle; floating type
Wheel base, 114 inches
34" x 4" tires

Demountable rims—one extra
Left-hand drive
Center control
Body:—beautiful new Brewster green finish

Model 81 Prices:
5 Passenger Touring Car . . . \$3850
2 Passenger Roadster . . . \$2795

Model 80 Prices:
5 Passenger Touring Car—\$1075
2 Passenger Roadster—\$1050
4 Passenger Coupe—\$1600
All prices f. o. b. Toledo, Ohio

Model 81 Prices:
Delivery Wagon with closed body . . . \$895
Delivery Wagon with open body . . . \$850

Handsome catalogue on request. Please address Dept. 84

The Willys-Overland Company, Toledo, Ohio