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THE FARMERS MAIL AND BREEZE

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Volume 43

December 20, 1913

Number 41

Christmas in the Barn

By Nellie M. Coye

It was midnight in the stable;
Safe and warm the horses slept;
When from stall to stall on tiptoe
Good old Santa softly crept.
Christmas bells were gaily pealing
On the cold and frosty air;
And expectancy seemed written
Over nature everywhere.



As his reindeer bore him swiftly
On his journey through the town,
In that erstwhile silent stable
Rose a noise that naught could drown.
Every horse from sleep awakened
Fell to talking as you do
When you find within your stockings
Gifts that Santa's left for you.



"Apples and some lumps of sugar
I have got," old Billy said.
"So have I," brown Molly answered,
Bending low her dainty head.
"I," and "I," and "I," the others
Chimed in all along the line,

As they tasted and enjoyed them,
Each declaring they were fine.

For 'tis said, in some far country,
When the midnight church bells chime,
There is talking by the horses
In their stalls at Christmas time.
And I think that other horses
Would respond with neighings glib
Could they find such Christmas presents
In a corner of their crib.



Credit Urgent Says Wilson

The President Asks Financial Freedom for the Farm Industry
(From the Message.)

I PRESENT to you * * * the urgent necessity that special provision be made, also, for facilitating the credits needed by the farmers of the country. The pending currency bill does the farmers a great service. It puts them upon an equal footing with other business men and masters of enterprise, as it should; and upon its passage they will find themselves quit of many of the difficulties which now hamper them in the field of credit.

The farmers, of course, ask and should be given no special privilege, such as extending to them the credit of the government itself. What they need and should obtain is legislation which will make their own abundant and substantial credit resources available as a foundation for joint, concerted local action in their own behalf in getting the capital they must use. It is to this we should now address ourselves.

The Country's Strength.

It has, singularly enough, come to pass that we have allowed the industry of our farms to lag behind the other activities of the country in its development. I need not stop to tell you how fundamental to the life of the nation is production of its food. Our thoughts may ordinarily be concentrated upon the cities and the hives of industry, upon the cries of the crowded market place and the clangor of the factory, but it is from the quiet interspaces of the open valleys and the free hillside that we draw the sources of life and of prosperity, from the farm and the ranch, from the forest and the mine.

Without these every street would be silent, every office deserted, every factory fallen into disrepair. And yet the farmer does not stand upon the same footing with the forester and the miner in the market of credit. He is the servant of the seasons. Nature determines how long he must wait for his crops, and will not be hurried in her processes. He may give his note, but the season of its maturity depends upon the season when his crop matures, lies at the gates of the market where his products are sold. And the security he gives is of a character not known in the broker's office or as familiarly as it might be on the counter of the banker.

The agricultural department of the government is seeking to assist as never before to make farming an efficient business, of wide co-operative effort, in quick touch with the markets for food-stuffs. The farmers and the government will henceforth work together as real partners in this field, where we now begin to see our way very clearly and where many intelligent plans are already being put into execution. The treasury of the United States has, by a timely and well considered distribution of its deposits, facilitated the moving of the crops in the present season and prevented the scarcity of available funds too often experienced at such times.

We're Behind the Times.

"But we must not allow ourselves to depend upon extraordinary expedients. We must add the means by which the farmer can make his credit constantly and easily available and command when he will the capital by which to support and expand his business. We lag behind many other great countries of the modern world in attempting to do this. Systems of rural credit have been studied and developed on the other side of the water, while we left our farmers to shift for themselves in the ordinary money market. You have but to look about you in any rural district to see the result, the handicap and embarrassment which have been put upon those who produce our food.

Conscious of this backwardness and neglect on our part, the congress recently authorized the creation of a special commission to study the various systems of rural credit which have been put into operation in Europe, and this commission is already prepared to report. Its report ought to make it easier for us to determine what methods will be best suited to our own farmers.

I hope and believe that the committees of the senate and house will address themselves to this matter with

the most fruitful results, and I believe that the studies and recently formed plans of the Department of Agriculture may be made to serve them very greatly in their work of framing appropriate and adequate legislation. It would be indiscreet and presumptuous in anyone to dogmatize upon so great and many-sided a question, but I feel confident that common council will produce the results we must all desire.

Take the Short Course, Son

Kansas farm boys who will have little or nothing to do during the first 10 weeks of next year can increase their earning capacities 50 per cent by spending that time at the Kansas Agricultural college. That very thing has been done for other farm boys who came to the Agricultural college instead of spending their time and summer earnings in town. The farm hand who "winters" in town will spend more money than it would cost him for tuition, board and books in the 10 weeks' short course.

J. H. Miller, dean of the division of college extension at the Agricultural college, says in a pamphlet that will be mailed soon describing the plans made to care for several hundred farm boys who are expected at the college next month: "Farm boys usually do not have much capital in money. The actual time of a Kansas farm boy from January 6 to March 18—the time of the short course—is not to be rated very high in the world's estimate of values. But 10 weeks spent in the farmers' short course may be worth a fortune, reckoned by possibilities. Can you think of a possible way of making your time pay you a bigger wage?"

Send for the pamphlet.

Schooling for Fruit Men

Fruit growers and gardeners will have an opportunity to study courses of special interest during the state farmers' institute at the Kansas Agricultural college, December 29 to January 2. This is the first far-reaching course of instruction of this kind ever offered the fruit growers and gardeners of Kansas. In addition to the different courses of instruction, modern horticultural machinery and appliances will be on exhibition. Experts at the Agricultural college will teach the course.

These subjects will be considered: Tuesday, packing school, judging and identification of fruits; Wednesday, diseases of fruits and pruning; Thursday, insects injurious to fruits, and markets and market gardening; Friday, orchard and garden fertilizers, and diseases of potatoes and sweet potatoes.

Growers are invited to participate in the apple show which will be held. No prizes are offered, but each grower is invited to make a display for educational and advertising purposes.

Kansas Swine Breeders to Meet

The Kansas Swine Breeders' association will hold its next annual meeting at Manhattan, Friday, January 2, 1914, in connection with the State Farmers' Institute. A good program has been prepared and every breeder and feeder of hogs in the state is urged to attend. Turner Wright, livestock editor of the Capper Farm Papers, is to give an address.

Seed Corn for Sale

Mr. Editor—I have 2,000 bushels of good ear corn of the 1912 crop, Yellow Dent and Boone County White. Will sell a carload, crib run, or will sell seed shelled and graded.

Milford, Kan. L. J. Wilson.

The distance in the city between the top of society and the bottom of society is so great that they can't see or know each other; but out here in Kansas we are all just average folks who meet upon the level, part upon the square, and live together in fellowship.

I am a great friend of the Mail and Breeze and welcome it every week.—W. H. Turner, Seneca, Kan.

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THE FARMERS MAIL

AND BREEZE

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The Story of Scrooge's Christmas

Charles Dickens's Famous Carol Condensed Especially
For Kansas Boys and Girls Who May Know
a Tiny Tim or a Modern Cratchit



ONCE upon a time—of all the good days in the year, it was Christmas eve—Old Scrooge sat busy in his counting house. My stars but Scrooge was a mean one! No matter how many downright, unpleasant persons you happen to know you never, perhaps, knew a man one-quarter so mean as Scrooge. A squeezing, wrenching, grasping, scraping, clutching, covetous old sinner was Scrooge. Hard and sharp as flint from which no steel had ever struck out generous fire.

No one ever stopped Scrooge on the street to ask how he felt. No, sir. Not a soul on earth would have dared to do it unless it was, perchance, his nephew.

There was a boy! Scared? If that nephew had lived in these times he wouldn't have turned a hair at sight of Mrs. Pankhurst herself. He would have defied Theodore Roosevelt and Woodrow Wilson and almost anyone or anything if he felt like it, he was that brave and good natured. Especially at Christmas.

Why, one day—it was the day we were talking about a moment ago as "Once upon a time"—one day this nephew called at old Scrooge's counting house to wish him a Merry Christmas and ask him to have dinner with him the next day. Do you suppose he shook or shivered when his grouchy old uncle growled at him and told him where he might go—almost—and said a lot more mean things wholly uncalled for? Not much. He just up and told Mr. Uncle that it was Christmas and he didn't intend to let anyone spoil it with that kind of talk. He hoped Old Scrooge would have a merry Christmas, and he kept right on hoping it, too, even after he had been dismissed at the front door and had started homeward through the dismal fog to the glowing fireplace miles away in gloomy London.

Ordinarily it would take pages and pages to dismiss this nephew. Dickens had such a way with him. But here, in just a few words, we've started him out through the darkening afternoon, and now, a thousand words quicker than the great novelist could do it, we have two portly and beaming gentlemen stepping briskly into the room.

"Scrooge & Marleys?" one of the gentlemen inquired, consulting a list. "Do I address Mr. Marley or Mr. Scrooge?"

As Mr. Marley had been dead seven years Mr. Scrooge was perfectly justified in frowning and growling a bit. You see, children, Scrooge had what we of today would call a "hunch" that these jolly visitors were about to ask him for money. And he was right. They did ask—not knowing Scrooge's disposition—and they failed to get any.

Mr. Scrooge, coming right back at them, desired to know what had become of the prisons and the workhouses and the Treadmill and the Poor Law that he, who paid his taxes regularly—on everything he couldn't hide—should be asked to feed and clothe the idle and the indolent! Would the portly gentlemen please tell him that?

Not one cent did Scrooge give up. No, sir. He'd be this and that and the other thing if anyone caught him feeding the "surplus population". Not one single, solitary ha'penny would they get from him. And they didn't.

Well, the portly gentlemen, very much depressed, went home, of course, and the fog grew thicker and Scrooge growled and grumbled and fumed some more, and a while closing time came. Scrooge ate a melancholy dinner by himself in a melancholy coffee house; growled and grumbled and fumed some more, and finally betook himself to the dreary chambers once owned by Marley, for seven years his "silent partner."

It may have been something he had eaten or it may have been his perturbed frame of mind, but whatever it was when Scrooge looked at the huge

knocker on his door that knocker suddenly became Marley's face. There was no doubt about it. It was Marley's face, and then, in an instant, it was once more a knocker.

"Pooh," said Scrooge as he banged the door. "Pooh," and then, "Humbug." Lots of men say "Pooh" and "Humbug" when they don't understand things, or don't wish to understand.

That was a bad night for Scrooge. No sooner had he sat down by the fire than a bell, long unused, began to tinkle! The cellar door flew open with a boom. "Humbug," said Scrooge, determined to growl away such foolishness, and "Pooh" he exclaimed right up to the last minute when, there, before him stood something! He quit saying "Humbug" then, you just bet.

It was Marley's ghost; not a doubt of it. You



He Had Been Tim's Horse All the Way From Church, and Had Come Home Rampant.

can talk all you please, but there it was—in front of him. And didn't that ghost tell Scrooge a few things! Didn't it scold and berate the old sinner for his meanness and his stinginess! It certainly was a bad half hour, and when it ended Scrooge knew he was to be haunted by Three Spirits—one every night for three nights—and they had to be received one at a time, not in a bunch, which made Mr. Scrooge think of a lot of things he'd forgotten years and years before.

Scrooge was almost done for when this experience ended, this visit from Marley. Almost for the first time in his life he flung himself on the bed without undressing and fell asleep.

It seems like a sacrilege at this late day to edit Charles Dickens's copy but the fact is he told so much about the First Spirit and elaborated so elab-

orately, as you might say, on the lessons Scrooge had learned, that the limitations of space—which are somewhat limited—forbid a full recital of the facts. So you are invited, children, to consider the First Spirit as done for, and Spirit Number Two, with Scrooge at its elbow, entering Bob Cratchit's home. Bob was old Scrooge's clerk, and he needed no barrels to store away his wages. By holding to the hem of the Spirit's garment Scrooge like the Spirit, became invisible, which explains how he could see and not be seen. And this is what he saw:

Bob Cratchit's home, and the whole blessed family waiting for the father! There was Mrs. Cratchit, happy and flushed and beribboned, and Belinda, second of the daughters, and Master Peter and two smaller Cratchits, and the smell of roast something that surely told of a feast to come.

"What has ever got your precious father then?" said Mrs. Cratchit. "And your brother, Tiny Tim! And Martha warn't as late last Christmas Day by half-an-hour!"

"Here's Martha, mother!" said a girl, appearing as she spoke.

"Here's Martha, mother!" cried the two young Cratchits. "Hurrah! There's such a goose, Martha!"

"Why, bless your heart alive, my dear, how late you are!" said Mrs. Cratchit, kissing her a dozen times, and taking off her shawl and bonnet for her with officious zeal.

"We'd a deal of work to finish up last night," replied the girl, "and had to clear away this morning, mother!"

"Well! Never mind so long as you are come," said Mrs. Cratchit. "Sit ye down before the fire, my dear, and have a warm, Lord bless ye!"

"No, no! There's father coming," cried the two young Cratchits, who were everywhere at once. "Hide, Martha, hide!"

So Martha hid herself, and in came Bob, the father, with at least three feet of comforter exclusive of the fringe, hanging down before him; and his threadbare clothes darned up and brushed, to look seasonable; and Tiny Tim upon his shoulder. Alas for Tiny Tim, he bore a little crutch, and had his limbs supported in an iron frame!

"Why, where's our Martha?" cried Bob Cratchit, looking round.

"Not coming," said Mrs. Cratchit.

"Not coming!" said Bob with a sudden declension in his spirits; for he had been Tim's blood horse all the way from church, and had come home rampant. "Not coming upon Christmas Day!"

Martha didn't like to see him disappointed, if it were only a joke; so she came out prematurely from behind the closet door, and ran into his arms, while the two young Cratchits hustled Tiny Tim, and bore him off into the washhouse, that he might hear the pudding singing in the copper.

"And how did little Tim behave?" asked Mrs. Cratchit, when she had rallied Bob on his credulity, and Bob had hugged his daughter to his heart's content.

"As good as gold," said Bob, "and better. Somehow he gets thoughtful, sitting by himself so much, and thinks the strangest things you ever heard. He told me, coming home, that he hoped the people saw him in the church, because he was a cripple, and it might be pleasant for them to remember upon Christmas Day who made lame beggars walk, and blind men see."

Bob's voice was tremulous when he told them this, and it trembled more when he said that Tiny Tim was growing strong and hearty.

His active little crutch was heard upon the floor, and back came Tiny Tim before another word was spoken, escorted by his brother and sister to his stool before the fire while Master Peter and the two

(Continued on Page 18.)

<p>EDITORIAL CONTRIBUTORS.</p> <p>W. A. Cochel, C. A. Scott, F. D. Coburn, O. E. Reed, W. M. Jardine, Albert Dickens, H. F. Roberts, A. H. Leidigh, W. A. Lippincott, J. T. Willard, L. E. Call, Dr. F. S. Schoenleber.</p> <p>Entered as second-class matter Feb. 10, 1906, at the postoffice at Topeka, Kansas, under the act of Congress of March 3, 1879.</p> <p>SPECIAL NOTICE TO ADVERTISERS.</p> <p>Changes in advertisements or orders to discontinue advertisements must reach us not later than Saturday morning, one week in advance of the date of publication. We begin to make up the paper on Saturday. An ad cannot be stopped or changed after it is inserted in a page and the page has been electrotyped. New advertisements can be accepted any time Monday. The earlier orders and advertising copy are in our hands the better service we can give the advertiser.</p>	<p>The Farmers Mail and Breeze</p> <p>Published Weekly at Eighth and Jackson Streets, Topeka, Kansas.</p> <p>ARTHUR CAPPER, Publisher. T. A. McNEAL, Editor. CHARLES DILLON, Managing Editor. A. L. NICHOLS, Associate Editor. E. W. RANKIN, Advertising Manager.</p> <p>SUBSCRIPTION RATES, - - - One Year, One Dollar</p> <p>ADVERTISING RATES. 40 cents an agate line. 104,000 circulation guaranteed.</p>	<p>DEPARTMENT EDITORS.</p> <p>Field Editor, - F. B. Nichols Farm Doings - Harley Hatch Livestock, - - Turner Wright Veterinary, - F. S. Schoenleber Dairy, - - A. G. Kittell The Markets, - C. W. Metaker Livestock Mgr., Frank Howard Poultry, - - Mabel Graves - - - - - Reese V. Hicks</p> <p>No liquor nor medical advertising accepted. By medical advertising is understood the offer of medicine for internal human use.</p> <p>OUR ADVERTISEMENTS GUARANTEED.</p> <p>WE GUARANTEE that every advertiser in this issue is reliable. Should any advertiser herein deal dishonestly with any subscriber, we will make good the amount of your loss, provided such transaction occurs within one month from date of this issue, that it is reported to us promptly, and that we find the facts to be as stated. It is a condition of this contract that in writing to advertisers you state: "I saw your advertisement in the Farmers Mail and Breeze."</p>
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PASSING COMMENT—By T. A. McNeal

Postal Banks, Free Libraries

A subscriber at Atlanta, Kan., asks me to give what I consider to be the advantages and disadvantages of free public circulating libraries and postal savings banks.

If there are any objections to the free library whether stationary or circulating I think there are not more than two. It is quite possible that free public libraries are not always selected with as much care as should be exercised. However, I do not regard this objection as having a great deal of weight for certainly the general average of books selected for public libraries is higher than would be the average of books selected by individuals without any trained discrimination in the selection.

The second possible objection to free libraries is purely sanitary. Physicians claim that disease germs may collect in the leaves of books, especially books that have become considerably worn and soiled and in this way disease may be communicated.

For example, a book may be taken from the public library into a house where there is a contagious disease. If this book is thoroughly disinfected before being returned to the library there is little danger, but too often it is not disinfected at all. It is quite possible that contagious diseases are sometimes spread in this way.

However, it seems to me that the advantages of the free library so much outweigh the disadvantages that there is not a great deal of room for argument on the question. Should free libraries be maintained wherever possible without imposing too much of a burden, and where free libraries cannot be maintained by the community then have the circulating library to fill the want.

As to postal banks I have always favored them and experience has demonstrated their advantages. Possibly I am too much biased in their favor to be able to see disadvantages that do exist, but to my mind the argument is all in their favor. Since the postal savings banks have been established in this country, although their operation is considerably hampered, they have fully demonstrated their usefulness. More than 30 million dollars is now on deposit in the postal savings banks of the United States. This amount has been collected without any solicitation on the part of the government. Most of it is money that would be hidden away if there were no postal savings banks. The people who have saved it up are generally distrustful of banks and will not deposit in them, but they have full confidence in the solvency of the United States. As a result just about 30 million dollars is added to the money volume of the country.

The criticism that I have to offer against our postal savings banks is not against the principle of government postal savings banks; I am most heartily in favor of that, but a criticism of the system under which they are operated.

As it is now all the money collected by the government into the postal savings banks must be lent to the banks. There is no good reason why it should not be lent direct to the people on good security at the same rate it is now lent to the banks, which is 2½ per cent interest per annum.

The functions of the postal savings banks should be enlarged and through them the general government should lend money direct to the people. It is only a question of time until this will be done. The honest laboring man who has no capital except his ability and willingness to work could not go to a bank and borrow money because he had no tangible security on which to borrow. The government through the postal savings bank should furnish this man with the money necessary to buy him a home and take a lien on the home and a per cent of his wages until the loan is paid.

Expansion No Permanent Help

I do not believe that mere expansion of the volume of currency so long as that currency is based on the theory that it must all be redeemed in gold coin, will be of any permanent advantage to the people. Indeed, it seems to me that on the redemption theory expansion of the volume may become exceedingly dangerous and must lead eventually to disaster.

If, for example, there are \$10 in currency outstanding for every dollar in gold there is available for redemption, business may go on without disturbance so long as everybody has confidence and does not want gold, but let public confidence be once shaken and the holders of the currency would immediately want gold. Not being able to obtain it the

purchasing value of the currency would at once shrink tremendously causing fearful loss to all legitimate business and the greatest loss of all, comparatively speaking, to the man or woman working for wages, for the wages would certainly not rise in proportion to the shrinkage in the purchasing value of the currency.

Only a few students of finance of the old school have the courage to acknowledge that the gold redemption theory of money is not scientific, but here and there is one who tacitly acknowledges that, by trying to devise some way to keep the gold dollar itself stable.

If the foundation of your financial structure is not stable what becomes of the superstructure built on that unstable base?

It is manifestly unfair that one kind of property, gold, should be given a legal advantage over all other kinds of property. It is unscientific to build a monetary system on a single metal, whose future production it is utterly impossible to determine.

No man knows whether there will be a hundred million dollars worth of gold produced next year or 500 million or a billion. It is within the range of possibilities that discoveries may be made that will make gold as plentiful as iron. On the other hand the sources from which gold is produced at present may be exhausted within the next 10 years and the world be compelled to substitute something else as basic money.

We should be wise enough to develop a system in which money would be recognized simply as a medium of exchange, its volume to be regulated by the amount of business done in exchange of commodities and labor and not by the uncertain production of a metal which has no relation whatever to the volume of business necessary to be transacted.

Public Ownership of Railroads

The signs of the times indicate that government or public ownership of railroads is coming. It is, therefore, well that people generally should begin to study carefully the best method of acquiring ownership and the best method of handling the roads after they are acquired.

I want to suggest a plan for consideration. This plan perhaps is faulty but it contains the groundwork as I believe of a system that might prove successful.

First, I would ascertain the actual value of the roads, not based on what they earn but what it would cost to replace them if they were destroyed. As the Interstate Commerce Commission has already commenced the physical valuation of railroad properties, I will assume that it will be a fair valuation and when completed we will know what the roads are actually worth, not on a speculative basis, but what they are actually worth.

When the government has ascertained the physical value, issue stock or bonds equal to the actual value. Issue the stock or bonds in denominations of from \$10 to \$500 bearing 3 per cent interest and make them non-taxable.

Let there be no voting stock, the object of this being to prevent the control of the roads falling into a few hands. The object of issuing the stock or bonds in small denominations is to permit laboring people to have a place where they may invest their small savings. The stock or bonds would be transferable.

If the holder of a bond desired currency at any time, he should be permitted to deposit his bond in any postal savings bank and have issued to him currency equal to the face of the bond or stock certificate as national bank notes are now issued to national banks on their depositing government bonds in the treasury. The person depositing the bond should be required to pay a tax of ¼ of 1 per cent of the amount of currency issued to cover expense of issue.

At any time the person so depositing the bond or stock certificate might desire he would be permitted to deposit currency equal to the face of his bond and withdraw the said bond or stock certificate from deposit. The currency so deposited would then be retired and destroyed by the government. The currency so issued should be made a full legal tender for payment of all debts public and private and payment of taxes of all kinds.

The railroads of the country should all be placed under one general management with the most expert railroad managers of the country in charge.

The entire country should be divided into three

zones corresponding to the present time zones, eastern, central and western. Within each zone the rates for transportation of freight would be uniform, that is to say, the charge for hauling any given amount of freight within that zone would be the same regardless of distance. In this way any shipper from any town large or small would have the same market advantage as any other shipper from any other town large or small.

Where shipments were made through more than one zone the rate would be fixed by the government board of managers but in any case it should be a uniform rate not favoring one locality above another.

Rates once fixed should not be changed within one year. The board of managers should, after making a careful estimate of the total amount of freight to be moved within the United States and within each zone, then fix a rate that would be sufficient to cover:

First, the cost of operation of the railroad system. Second, the necessary cost of upkeep, including repair of track, replacing of wornout equipment, etc.

Third, a reasonable reserve fund should be provided to pay for accidents, damages and the proportionate cost of local and national government.

Fourth, a sufficient fund to pay 3 per cent on the actual cost of the roads, represented by the outstanding bonds or stock certificates.

Whether the average rate for transporting freight under government management would be less than at present I do not know. It should be for with a flat rate the vast labor of preparing a multiplicity of tariff rates, which are being constantly changed would be eliminated. A large number of expensive directorates and high salaried officials would be done away with, but even if the average rate were no less it would do away with the discriminations which are at present the ground of most complaint.

It would afford I think an ample and elastic currency. When the holders of the bonds or stock certificates did not need currency they could redeem their bonds and the currency would be retired from circulation.

Thinks We Will Take Mexico

George W. Dodd of Hamilton, Kan., has been studying the Mexican situation and says that he has come to the conclusion that there is a strong purpose in the United States to take possession of Mexico and the fight is kept up down there largely for the purpose of giving a pretext for interference by the United States.

Following this theory Mr. Dodd is of the opinion that the Mexicans would not be allowed to settle their differences even if they should try. If the contending forces in Mexico can be kept just about equal they will finally wear themselves out and be ready to obey orders from Washington and finally the United States will get possession of Mexico without having to send down an army.

Now while I do not believe that it is the purpose of President Wilson—in fact I feel pretty sure it is not his purpose—to take charge of Mexico, it is possible that matters may work out according to Mr. Dodd's theory.

President Wilson has repeatedly declared, and it should be assumed that he was honest in making the declaration, that it is not the purpose of the United States to acquire any more territory by aggression. It is, however, within the range of possibilities that sooner or later Mexico and the whole of Central America to the Isthmus of Panama may become a part of the United States.

Supreme Court Candidates

The Kansas legislature at the last session passed a law providing for a non-partisan election of the judiciary. Under the provisions of that law the candidates for judges will not be named as members or nominees of any political party but will have their names on a separate ballot at the primary and the candidates receiving the greatest number of votes will be the candidates at the general election without regard to their political affiliations.

As this is a matter of general concern the readers of the Mail and Breeze will be interested in knowing something about the gentlemen who have already signified their intention of being candidates for nomination.

There will be three judges of the Supreme court to be elected next fall. At the general primary the six

candidates receiving the greatest number of votes will have their names placed on the general ballot in November and of those six the three receiving the highest number of votes will be elected.

It is highly probable that other gentlemen than those who have already announced will decide to get into the race between now and the general primary next August. It is possible also that I may have overlooked the names of some who have already signified an intention of being candidates. If so I will mention them later.

Of the five attorneys who have already declared their intentions three are now members of the Supreme court. Judge Alfred Benson, the only ex-soldier on the supreme bench and a candidate for re-election was born in 1843. He served with bravery and distinction during three years of the war, enlisted as a private, was desperately wounded at the battle of Chancellorsville, but recovered sufficiently to rejoin his regiment and fought with Sherman all through the Atlanta campaign, and marched to the sea.

Enlisting as I have said as a private, he rose to the rank of major. He settled in Ottawa, Kan., after the war and engaged in the practice of the law. He served for 12 years as judge of the district court in his district and refused another nomination. He was appointed in the fall of 1906 to the United States senate to fill out the unexpired term of Senator J. R. Burton and in 1907 was appointed by Governor Hoch to a place on the supreme bench made vacant by the death of Judge Green. He was elected to the same place in November, 1908, and has therefore served about seven years. He is recognized as an able lawyer and judge.

Judge Clark Smith was born, I think, in Wisconsin, is about 66 years of age and has been a practicing attorney and judge since a young man. On coming to Kansas he located in Mitchell county; served eight years as judge of the district court; made a creditable record as a fair, impartial judge and in 1904 was elevated by the vote of the people to a place on the supreme bench, which place he has held ever since.

Henry F. Mason was also born in Wisconsin. He will be 54 years of age next month. He started out as a newspaper man but abandoned that to practice law. He located along in the late '80's in Garden City where he built up a lucrative practice. He was twice elected to the legislature and during one session served as chairman of the judiciary committee in the lower house. He was elected to the supreme bench in 1902 and re-elected in 1908. At the expiration of his present term he will have served 12 years. He is recognized as a student and able judge.

Judge Charles Smith of Stockton who will also be a candidate has served as judge of the district court in northwest Kansas for nearly 24 years, longer I believe than any other man has served in that position in the history of Kansas. He has been selected at least once as president of the State Bar association and is one of the best known judges in the state.

Judge Buckman, of Winfield, who has announced his candidacy, is one of the best known lawyers in southern Kansas. He is a man of about 60 years of age. He has been twice elected to the legislature and during the session of 1911 served as speaker of the lower house.

Several other gentlemen have been mentioned as probable candidates but have not I believe, formally announced their candidacy. When they do I will try to find out their qualifications and tell the readers of the Mail and Breeze who they are. Qualified voters will have the right to vote for three candidates for nomination at the general primary and for three at the general election.

The Sort of Platform He Wants

Joseph Ring, of Caldwell, Kan., writes that he is going to insist that the party that gets his vote hereafter shall put in its platform substantially these declarations: "Land is the natural heritage of man and we as a party pledge ourselves if we obtain control of the government to restrict the ownership of same to actual users, the amount of land owned by individuals to be determined by location and character of the land, to be determined by competent commissions.

"Second: That as money is as essential to the life of a nation and the general prosperity of its people as blood is to the life of the individual man, the government should issue the money, keep it at par and furnish it at cost, and any citizen or citizens engaging in a conspiracy to depreciate this currency or interfere with its circulation should be regarded as guilty of treason. I was raised a Republican and stand firmly on the principles enunciated by Abe Lincoln."

Varying Opinions

G. J. Walters of Portis, Kan., writes that he has not made up his mind as to the effect of the new tariff law, but is in favor of giving it a fair trial. At any rate the people who elected Mr. Wilson president are getting about what they had reason to expect in the way of a tariff law and should not now kick about it.

If it is true that a few persons in New York have formed a combination to control prices to the detri-

ment of the consuming public then Mr. Walters is in favor of a law that will land them in jail. He is in full sympathy with the idea of lifting the enormous burden of expense incurred in preparing for war, which is driving civilized nations to bankruptcy and breaking the backs of the producers with increasing taxes.

C. S. Alvord, of West Plains, Mo., writes at considerable length on the evils and unfairness of boycotting. He seems to think that the women are more inclined to organize a boycott than the men and does not know what may happen when women get the right to vote and the power that goes with it all over the country.

As a help for business conditions Mr. Alvord would have the government establish banks, I presume postal banks, in each state, in sufficient numbers to accommodate the public. Through these banks the government would lend money direct to the people at 2 or 3 per cent interest. This plan, he believes, would stop gambling in futures, result in the opening up and improvement of farms, the building of homes and general business prosperity.

Theodore Stamm, of Coffeyville, Kan., has not much faith in loans to farmers at low interest rates as a builder of prosperity. He says:

Editor The Mail and Breeze—I read with interest the writings concerning loans at a low rate of interest. Several years ago when Indian territory was consolidated with Oklahoma the government gave a certain sum of money to the school fund of Oklahoma in place of land that the western part of the state had. It was to be lent at a low rate of interest. I have been told that a man bought 80 acres of land for \$800 and then got a loan of \$1,100 on it. If the government would lend money on land there would be fellows who would scheme to get hold of that money in the aforementioned way.

I have bought a farm and have to pay 7 per cent interest on my loan. I would like to get 3 per cent money, but if such money could be had it would jump up the price of land in proportion as the interest was lowered.

Suppose I have a farm that brings in \$600 a year net. That would be 6 per cent on \$10,000. If I could borrow \$5,000 at 3 per cent that would leave me out of my net income from the farm after paying the interest on the \$5,000, \$450 or 6 per cent on \$7,500 and I would immediately raise the price of my land to \$12,500. There should be a provision in the law, if the government goes into the land loan business that the interest shall be higher in case the owner does not farm the land himself.

I would go further than Mr. Stamm suggests. I think the government should not make loans at any rate of interest on land held for speculation. The loans should be limited to land owners and I also think they should be limited to owners of not more than 160 acres of land.

Possibly there should be an exception to this rule in the case of lands in the arid belt where it may be 160 acres is not sufficient to make a living from.

J. H. Prichard of Toronto, is another man who does not have much faith in the benefits of loans at low rates of interest. He says, "What I am thinking is that cheap money for the poor man to buy land with will be a failure. If the interest is reduced land will rise in price in the ratio of the interest reduction. The burden of the interest will not be lightened and the principal of the debt will be as much larger as the rate of interest is lower.

"There is a better way to help the poor man pay for a farm. Stop taxing credits and thus reduce the rate of interest he must pay. The creditor if he pays tax on his part of the property in the debtor's possession, must add the highest possible rate of interest and the debtor pays it. The honest and humane creditor must pay one-third of his income from his notes in taxes if he lives in a progressive town. We have too much government, too many men and women living on the public.

"No scheme will work that proposes to make all or a majority of the poor men land owners. No legislation will ever give men business capacity and most of the cry for cheap money comes from those who lack that capacity. A man should know his limitations."

If Mr. Prichard's first statement is correct, that lowering rates of interest will raise the price of land in proportion to the reduction in interest, how would it be of any benefit to the borrower to relieve the lender from taxation in order that the money might be lent at a less rate of interest? If Mr. Prichard's logic is sound that would raise the price of land just in proportion as the interest rate was reduced and the burden of interest would be just

I am for America for Americans. It may be philanthropic to consider all mankind brothers, but it is not good business to divide the profits of our people with those of other countries. The father and mother consider the well-being of their children first. Uncle Sam is but the representative of all the people of this country and should consider their interests first.

—ARTHUR CAPPER.

the same, but he would also carry the money lender's share of the burden of government.

Somehow or other I have never been able to work up much sympathy with the money lender who insists that he should be relieved from all of the burdens of government while the borrower should be compelled to carry them all. Neither am I willing to admit for a moment that low rates of interest are of no benefit to the borrower.

It is true enough that the lender of money will selfishly shift the burden of government onto the shoulders of the borrower when he can and that fact is the best justification for government loans at very low rates of interest. That would prevent the possibility of the lender adding to the rate of interest the amount of his taxes. He can do that only when the borrower is compelled to come to him for a loan and pay such interest as the lender sees fit to impose.

For the Georges and Against War

Editor The Mail and Breeze—Have just finished reading your comment on Lloyd George and the English farmers. My maiden name was George and when I read of Lloyd I feel that he and I must be of the same blood. Henry George, who made a fight for the poor of New York was a relative of mine.

My father was a Union soldier and taught his children that the Republican party was exactly right, but I have been reading capitalist and Socialist newspapers and the Bible and other books and so far as I know now I am a Socialist. Like you, I don't believe the exact product of one's toil could be accurately ascertained. However I believe the masses would be benefited by Socialism.

England's land barons will be found fighting if they are anything like the captains of American industries. I don't know whether you are a Christian or not but you voice the sentiments of a true one when you say, "War is useless and barbaric." It is simply destroying the poorer classes for the sake of the rich men's property. I have six sons and love them dearly and the last thing I would wish to see them do would be to join the army or navy.

Duquoin, Kan.

MRS. J. L. C.

Truthful James

"I was mighty sorry to read a dispatch from Hutchinson last Monday," said Truthful, "stating that the king of jackrabbits had been killed out in western Kansas. The dispatch states that the rabbit had a brand on the left hip put there by cowboys 26 years ago when the jack was captured on a roundup. I am satisfied that this is my rabbit and that the brand was not put there by cowboys.

"This is the jack that I carefully trained to eat meat and drink blooded bulldog blood until he got to the point where he wanted no other kind of nourishment and could whip any two dogs of any size that there were in the state. I branded him myself with the letter J on the left hip in 1888. He was a very useful animal and as I mentioned before this, by mixing bloodhound blood with bulldog blood I developed him into the greatest fighter and the finest trailer that there was between the Mississippi river and the Rocky mountains.

"For several years I made good money out of him hiring him to sheriffs to trail criminals. When he once got on the trail of a criminal he never let up until he had run down his man. He was much superior to the ordinary bloodhound in that he never made any noise when on the trail. The ordinary bloodhound will bay or bark when hot on the trail of a criminal and in this way give warning so that often the criminal has an opportunity to escape.

"My jack followed the trail in perfect silence so that the first warning the criminal had was when the jack suddenly sprang upon his back and throwing his front legs round the neck of his victim choked him down and held him until the sheriff and his posse came up. He did not tear and mutilate a man as a savage bloodhound will sometimes do.

"But along about 1894 the old longing for the wild came over that jack and he ran away from home. I would hear of him occasionally when cowboys riding the range would tell of seeing a jack rabbit as large as a yearling calf, that was catching and killing coyotes and even large 'loafer' wolves, which grow as large as Newfoundland dogs. They would report that the jack would attack the wolf without hesitation and bite it through the jugular and then suck its blood. The jack was never known to attack cattle but the wolf being a first cousin to the dog he regarded it as his legitimate prey.

"This drinking of coyote blood affected his character after a time and deteriorated him. Instead of having the bold and defiant manner of old he became slinking and crafty and would sit out on the prairie at night and howl. His howl was said by those who heard it to have been a peculiar mixture of the bark of a bulldog, the bay of a bloodhound and the howl of a coyote. The last cowboy who told me of seeing the jack said that one of his ears was gone and the other lopped over instead of standing up and he had developed a stumpy tail about six or seven inches long.

"I am satisfied that the animal killed is my jack rabbit all right. I regret to hear of his death, for while he had become entirely wild and untractable I retained a strong affection for him and would have been glad if he had been permitted to live out his days and die in peace instead of by violence."

Letters From Our Farmer Friends

IN THE Mail and Breeze recently you printed an article "Why Not Simpler Living" as suggested for a remedy to our social ills. I believe the reason so few marry now is because they cannot obtain the absolute necessities it takes to rear a family properly. I do not believe the young couples of the farming or wage working class who start out in married life expect to begin in extravagance and luxury. The necessities are generally above their expectations. It may be that costly and extravagant living is prevalent among the wealthy American families but I do not believe it is true of the American working class families. I refer you to the 18th Annual Labor Report of Commissioner Wright, a United States labor commissioner. In his report we find the average American family, including husband, wife and children getting an income of \$827.19 a year. This report gives the expenses necessary to keep the family for the same length of time as \$768.54. This report also shows the average American family of husband, wife and children spend \$12.30 a year for amusements and vacations. Books and newspapers, \$8.38.

The average American family is five. This report shows \$107.90 is paid for clothing for the family in a year. This report refers to the working class taken from an investigation of 33 different states. Who are the spendthrifts? Is it the American working class, or is it the idle rich? Under this system a campaign of saving among all the workers would result about like this. In the United States there are approximately 30 million wage workers, earning an average of \$10 a week. If each saved \$1 a week the savings would amount to 120 million dollars in one month, 1,560 million dollars in one year and 3,120 million in two years—which is more money than there is in circulation. Yet none of the workers would have more than \$104. I have little to say how a man shall spend his money, providing he has earned it by his own just efforts, and is not taking the wealth created by the toil of others to spend lavishly.

McCune, Kan. Frank Hevel.

Good Roads for Horses Are Soft.

Mr. Editor—You like good roads and so do I. I like good bridges, too, and also favor road repairs where needed; but I do not believe we poor old farmers and our wives should foot all the bills. Several of the eastern states are so situated that roads have to be graded and graveled also, but it is different here. There are lots of roads here which have been traveled for more than 40 years and are just as good today as they were 40 years ago—all but what the wind has blown off in dust. These are the best roads that can be made for the horses which must do the hauling. In some of these eastern states, where the roads have to be graveled, farmers have to keep their horses shod all the time or it would lame them to travel on them.

Delphos, Kan. John Walmsley.

Not For War or Church Taxes.

Mr. Editor—I agree with Mr. Utley that if more was spent on educating the heathen, say three-fourths of what is now used in army and navy expenditures, we could accomplish a great deal more good and save our blessed boys. About taxing the church property I disagree with him. The earth is the Lord's and the fullness thereof. We have set aside a very small portion for Him. I hope we as American people will never stoop so low as to ask taxes on church property.

Portis, Kan. Jessie Garner.

Farmers Must Do Better Marketing.

Mr. Editor—A farmer is a better producer than a seller, because if he makes a successful farmer he has no time to locate markets. At the present price of farm products a farmer cannot hire labor and come out whole. We need some kind of co-operative method of selling and distribution of products which will prevent the so-called gluts. It seems strange that the government will spend dollars on top of dollars, hiring so-called expert farmers at fat sal-

Opinions Exactly as They Reach the Editor's Desk on a Large Variety of Subjects of Interest in Kansas Homes.

aries to try to teach farmers how to produce twice as much, when they cannot sell what they are growing now, at a profitable price.

I appeal to the brother farmers of the North. Let's get together and help one another through co-operation to fight for a better market. Then let the urban people join hands with the farmers and eliminate those drones who stand between producers and consumers. It will take some time and honest effort, and in some instances self denial and patience, but I believe it can be and should be done. Let's not have any Mason and Dixon line or any other line, except the line of co-operation, for the benefit must be for all in order to be lasting.

In conclusion let me say you Kansas people ought to be proud of Arthur Capper. He is a man with the intelligence, honesty and firmness to put his ideas in plain English and with the grit and backbone, as well as patience, to stand for what he believes to be right, regardless of what anyone may think or say of him. Men like him are few and far between. I think you Kansas people in common should give him your hearty co-operation and be glad you have a man like him.

J. H. Sizemore.

R. 5, Nocona, Tex.

A Plan to Regulate Competition.

Mr. Editor—Experience teaches that undue competition is destructive. On the other hand, competition rightfully exercised is a healthy stimulant for the upbuilding of business. Such a control of competition can be exercised by the government. For instance, if any concern obtained 70 per cent of the control of any business, the government should give notice to such a concern to abate its holdings. If it did not, then let the government itself enter into the same business to establish competition. It would be much easier to demonstrate that a trust was controlling trade than to dissolve such a combination.

The state's binder twine plant is a good example of a healthy control of competition. The twine plant is competing with a trust. The prices for twine were very nearly the same until the state's plant was destroyed by fire. After the fire the twine trust raised the price of twine about 3 cents.

Preston, Kan. Louis Trimpe.

Farmers' Profits Are Too Small.

Mr. Editor—I know of no farmer today who is getting interest on his capital and a reasonable salary for himself and helpers. To make farming profitable a man should get \$1.50 for wheat, \$1 for corn, 75 cents for oats, and even this would not afford a competency unless the farmer applied himself to his business. The more intelligent and ambitious a boy is the more anxious is he to get off the farm and go where there is more inspiration to rise in the world and make for himself fame and fortune.

Lecompton, Kan. H. V. Stone.

Let Uncle Sam Do the Banking.

Mr. Editor—Under the present system we cannot pay off our national debt without destroying our financial system, for to pay our bonded debt would be to cancel the charters to our national banks. As a result, to preserve the present national banking system we must perpetuate our government debt. As with the individual who would look forward with great anticipation to the time when he could be free from the burden of debt, just so true is it with a state or nation. Then the question would naturally arise, what method can we adopt and what system can we so arrange that as rapidly as we may be

able to pay our national debt and thereby cancel our national bank charters, we may be able to substitute something stable, sure and secure in their stead.

Now, I am not presuming to be so sufficiently wise as to offer a substitute for our admittedly poor system of finance; but I offer the following: Let the government issue the currency direct, under its own system of authorized banks, this money to be lent to the people at a nominal rate of interest upon gilt-edged security, such as land mortgages, state, county and perhaps municipal bonds. Let Uncle Sam be the dignified banker and interest receiver instead of being an interest-paying individual as at present. Then the interest received for the currency thus issued, could be used to buy gold with which to augment the gold reserve.

To those who would hold up the bugbear of "fiat money," I would refer to Professor Fisher of Yale, who does not hesitate to say that all money is fiat and that gold should be demonetized.

Rossville, Kan. O. D. Whitney.

If the Army Should Raise Cattle.

Mr. Editor—There is a good deal being said about the high price of meat. I notice some of our smart men, who have more imagination than brains, advocate that the government should go into the cattle business and make cowboys out of our soldiers. That would be a blessing to our soldier boys all right, but I can't see how it would benefit stock raisers.

They tell us about 35-cent meat in the cities. Well, who is to blame? For cattle fit for export a farmer can't hope for more than 10 or 11 cents a pound. Who gets the other 20 or 25 cents? Besides, there isn't any more money in cattle at present prices for farmers, if you consider the high price of feed, than there was in 6-cent cattle a few years ago with cheap feed.

If those fellows think the government should launch out in some kind of business why in the name of common sense don't they suggest the railroad business or some other business that has been robbing the people for years?

A. H. Thompson.

R. 2, Liberal, Kan.

Tax the Big Farms Heaviest.

Mr. Editor—I believe this would lower the cost of living, and keep the boys on the farm. Fix a scale for taxing farms in proportion to the number of acres. Increase taxes on owners of large tracts of land. For example, let the taxes on 40 acres be \$8; on 80 acres, \$20; on 120 acres, \$36; on 160 acres, \$56; on 200 acres, \$80, etc. The effect would be that the owners of large tracts would sell to industrious young men, providing the U. S. government would lend the beginner his needed capital at 3 per cent interest on long time and easy payments.

Farmer Jones, who now owns a section of land and has never offered his sons any inducements to stay on the farm, would then divide his land among his children in order to secure the low tax rate; the small tracts would be better tilled and an over-production of farm products would lower the markets for the consumer.

Barnes, Kan. W. H. Shields.

To Make Cattle Profits Surer.

Mr. Editor—There being 9 million fewer cattle in the United States now than there were in 1900, and a greater population, these are the chief causes for high priced beef. Another is that the cattle ranges are being taken up for homes and that advantage is being taken of the man who has not enough cattle to ship a car of his own. This compels him to sell to some buyer, and

in years like this one the buyer does not pay the farmer an honest price for his beef. Then on account of a shortage of feed, the farmer is obliged to sell at a price that does not justify raising cattle. Under these discouragements it is not surprising the farmer quits the business. The local buyer and the local butcher sells his meat at a price which would give him a profit had he bought it from some packing house.

Here is my remedy: Let farmers organize and create a loan fund; put this out on interest when not needed and the interest will help pay expenses. All notes should be payable October 1. Then when we have a year like this, send a buyer where feed can be bought and buy for each locality the amount subscribed. A distributing agent should be appointed to receive the notes of each man to cover the cost of the amount of feed he receives. Let this money be lent to members at 4 per cent and to outsiders at 6 per cent, all members to belong six, eight or ten months before being permitted to buy through this organization.

The man interested in his own welfare would not hesitate to join, and thus strengthen the organization. He would at the same time protect himself against a low price for stock and the high price charged by the local dealer who ships hay into a drouth-stricken district.

F. L. Leck.

Liberal, Kan.

How About Victims' Families?

Mr. Editor—There is a great deal of talk about humanity to criminals. A certain bank wrecker, who had robbed and ruined a multitude of poor, hard-working people, was pardoned after a few years at Leavenworth. And why was he pardoned? Because confinement was detrimental to his precious health.

After his release he made a pleasure trip across the ocean. Then, tiring of traveling, he came back to New York to live in comfort on his stolen wealth.

A great deal of sympathy is expressed for the families of murderers who are confined in the penitentiaries, but as yet we have seen nothing specially sympathetic about the families of the murdered; they are supposed to be able to find friends to take care of them.

Calista, Kan. C. N. Tritz.

Laws Are Made for Lawyers.

Mr. Editor—The principles Mr. Capper stands for would be hard to improve on; they are the principles most essential to liberty, justice, equality and a square deal. I am heartily with him in all the reforms that will make the condition of humanity better.

I do not believe it is possible ever to have justice so long as the lawyers make our laws. It is not to their interest that lawlessness shall decrease or crime diminish; they make laws for lawyers, not for the good of the people.

Louisburg, Kan. L. A. Bowes.

Likes to Read the Discussions.

Mr. Editor—I enjoy very much the discussions of questions of note that are found in the Mail and Breeze. I thought Mr. Capper's remarks on the high cost of government in one of the late issues were especially good. The cost of living also is a great question. My idea is to have farmers sell their products direct to the consumer and leave out the middleman.

Americus, Kan. Ivan Finuf.

To Keep Rabbits From Trees.

Mr. Editor—The cheapest way to protect young trees from being gnawed by the rabbits is to wrap them with paper from the ground up for about 18 inches. Almost anything will do to put around the trees, such as split cornstalks, old weeds, etc., but they should be tied as the freezing and thawing may heave them out of the ground. A man or boy can tie 200 to 300 trees in a day.

Jacob Faith.

Eldorado Springs, Mo.

The least I could say is that I like the Mail and Breeze, and when it fails to reach me on time, I am disappointed.

—J. L. Woodworth, Curtis, Okla.

The Capper Prize Winners

Results in the Boys' Corn Contest For 1913—A Complete Report to Be Published Later

KANSAS' best boy corn grower this year is Jesse Sweezer, living near Lakeview in Douglas county. His yield was 61 bushels and 60 pounds on a measured acre of ground which entitles him to the cash prize of \$50 given by Arthur Capper. The winner is one of the youngest members of the Capper Boys' Corn Club, being only 11 years old. The report of his yield was certified to by his father and two neighbors.

The champion Kansas ear for 1913 was grown by William H. Gronniger, of Bendena, a youth of 15 years. His prize is \$25 in cash but he didn't win it without a tussle, and that from his own brother, Lawrence Gronniger, whose ear took second place. Practically the only difference between the ears was in vitality and seed quality which were a little more pronounced in William's ear. The winning ear belongs to a white dent variety while the second is a yellow dent ear. The Gronnigers of Bendena have been heard of before in connection with corn shows, notably at the state show at Manhattan last winter.

In the class for ears from seed of the exhibitor's own raising, Sylvan Stone of Mapleton, Kan., made away with the cash prize of \$25. He had a good yellow ear that was awarded fifth place in

Ohio, had the best ear in this class and received the handsome silver trophy. The show for Missouri boys will be held in connection with the state show at Columbia in January. The Oklahoma Capper boys will also have their show in January, at the Agricultural college in Stillwater.

In an early issue of the Mail and Breeze a full account will be given of the contest and its outcome. The boys who won will tell how they grew their corn and we also hope to show their pictures. Then there may be something to say about next year's contest.

Wheat Acreage Largest?

A report on the acreage and condition of the fall sown wheat in Kansas has been issued by the state's board of agriculture. The report says that the area sown is by far the largest in the state's history. Growers estimate it at 8,580,000 acres. This is approximately 10 per cent greater than in 1911, which year ranked next, and it is 850,000 acres, or 11 per cent more than the seeding of a year ago.

The season has been excellent for sowing, germination and growth, and the general average condition is 97, on

The Kansas Prize Winners

Acre-yield class, Jesse Sweezer, Lakeview.....	Prize
Kansas Champion ear, William H. Gronniger, Bendena.....	\$50 Cash
Best home-bred ear, Sylvan H. Stone, Mapleton.....	25 Cash
Best Shawnee county ear, Robert Melton, Tecumseh.....	25 Cash
Second prize (Shawnee county), Raymond Weeks, Elmont.....	15 Cash
Third prize (Shawnee county), Harry Chapman, Meriden.....	10 Cash

The Kansas Honor Roll

Acre-Yield Class.	Yield
Sylvan Stone, Mapleton	60 6-7 bushels
Russell Brewer, Americus	54 bushels
J. V. Rodkey, Irving	33 bushels
Jeston Kluckner, Frankfort	31 bushels
Anderson Dutrow, Parsons	27 bushels
Dwain W. Shank, Superior	26 3-7 bushels

Single Ear Class

Lawrence Gronniger, Bendena.	Anderson Dutrow, Parsons.
Pete A. Reid, Fort Scott.	Russell H. Brewer, Meriden.
J. V. Rodkey, Irving.	Ray Andrews, Elmont.
Russell Koehler, Richland.	George Delfelder, Effingham.
Miles Chapman, Meriden.	Otto Elliott, Melvern.
James Lindsay, Valencia.	Jeston Kluckner, Frankfort.
Otto Vitt, Fall.	R. Edward Randle, La Harpe.
Lloyd Roberts, Pomona.	Willie Harthington, LeCompton.
Floyd Killon, Devon.	Cyrus Andrews, Elmont.
John Andrews, Elmont.	George B. Randle, La Harpe.
Ernest Chapman, Meriden.	

the open Kansas class and but for a faulty tip would have scored higher. Young Stone also came out second best in the acre yield division, being but 1 bushel behind the winner. He is 15 years old.

The winners in the Shawnee county exhibit of single ears were Robert Melton of Tecumseh who receives \$25, Raymond Weeks, Elmont, whose prize is \$15, and Harry Chapman of Meriden who drew third money, \$10. District No. 50, Meriden, won the large American flag for the best Shawnee county school display. The Chapman boys—Harry, Ernest, and Miles, were largely responsible for the flag's going to the Meriden school.

The long drouth and unfavorable conditions for growing corn last summer showed only in the somewhat smaller number of ears in the Sixth Annual Capper Boys' Show, as compared with former years. The quality was there just as in former shows. "The quality of the winning ears is remarkable when one considers the conditions under which they had to grow" said C. C. Cunningham a corn judge from the Kansas Agricultural college who made the awards.

The show was held in the Capper building at Topeka last Saturday, December 13. Besides the Kansas corn, the Nebraska boys' ears had been sent down from Omaha and were on exhibition. Then there were also the ears in the class for Capper boys in states outside of Kansas, Nebraska, Missouri and Oklahoma. Lewis Bevan, of Clarksville,

the basis of 100 representing a satisfactory situation. This is six points higher than one year ago, 10 points above 1911, and 21.5 points higher than in 1910. In fact it is the highest reported since 1900, when the average was 99.7, on an acreage 60 per cent less, but which produced in the following year, according to the United States Department of Agriculture, the largest wheat crop Kansas ever grew, or nearly 100 million bushels.

The county making the greatest gain in acreage (37,292 acres) was Reno, Sumner next with 32,733 acres, Ness third with 27,783 acres, and Land fourth with 25,758 acres. The counties showing the greatest percentage increases are Morton 500 per cent, and some reporters opined the sowing was 10 times more than a year ago. Stevens increased 253 and Stanton 220 per cent. These three counties are in the extreme southwestern corner, and considered by the acreage sown are comparatively unimportant wheat growers. Some of the eastern counties also report rather large percentage gains, as Pottawatomie 149 per cent, Nemaha 129, Butler and Neosho 127, Morris 124, and Marshall and Wabaunsee 121. The nine counties reporting less sown are Allen, Anderson, Bourbon, Franklin, Linn, Miami and Osage, all south of the Kansas river, in the eastern three tiers, and Graham and Trego, which adjoin in the north-west.

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A. L. Dickinson, of Friendship, N. Y., says: "I am working a pair of horses that cleaned out several men. I got them for \$110, gave them a few lessons, and have been offered \$400 for the pair." Fred Bowden, R. R. No. 2, Keokuk, Iowa writes: "It's worth many times its cost." I have many similar letters from graduates all over the world.

traveling. I made a fortune traveling and giving exhibitions. You have the same opportunity.

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Suppose You Try Grading Your Seed Grain Under A Guarantee!

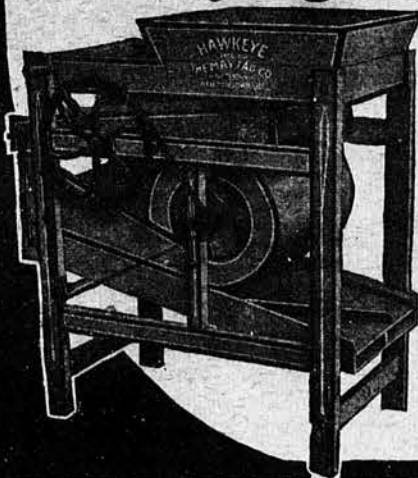
Grade and clean your seed wheat—oats—any grain—with a Maytag HAWKEYE Grader and Cleaner; and if you can tell us, after harvest, that it did not make an increase in your yield—more than enough to pay for the grader—we'll return your money.

What we know about this money-making machine is summed up in that offer. We couldn't afford to make it if we were not safe in doing so. And as we are safe, then you cannot afford to be without this grader.

We can prove to you that men using the Maytag HAWKEYE Grain Grader and Cleaner have made \$7.00 more net profit per acre on oats—over \$3.00 more net profit per acre on spring wheat—over \$6.00 more net profit per acre on winter wheat. Can you beat that for an easy money-making proposition?

In other words, others have paid for this machine with the increased returns from three acres of oats, or a little over three acres of winter wheat, or seven acres of spring wheat. You cannot make anywhere near as much money on any other investment, and we say a HAWKEYE Grain Grader and Cleaner is the most profitable machine you can buy.

Maytag HAWKEYE Grain Grader & Cleaner



is a completely guaranteed machine. You don't have to keep it, or pay a cent for its use—if it doesn't do all we claim.

The Maytag HAWKEYE Grain Grader and Cleaner grades and cleans grain, all kinds of small grains and grass seeds; separates grain into proper grades for planting; takes out all dirt, trash, etc.; selects good seed from bad—grades perfectly and cleans thoroughly, a grader and fanning mill in one.

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Mayer Yerma Cushion Shoes are made in a large variety of styles for men and women—and are neat and dressy. Durable shoe quality is insured because they belong to the Mayer Honorbilt line. Either for relief from foot trouble or for solid comfort wear Yerma Cushion Shoes.

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

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Making Christmas Candies

Pure Sweets a Healthful Food For the Children

BY MRS. LILLIE YORK

SINCE the beginning of time the little folks, and big folks as well, have expected and received an enormous amount of sweets during the holidays. In fact, many parents are so generous in the buying of the mixed-up, all colors and qualities, of Christmas candies that the result is a case of indigestion or other sickness. The truth is that many candies on display in the window are made merely to sell, without any regard to the after effects. The candy rats, fish, rabbits, etc., are nothing more than a cheap mixture of starch, gelatine, or other cheap products "dressed up" with some ingenious coloring materials. In a paper sack full of such stuff we can feel sure of only two things: The price, and the internal disturbances for the child who indulges in a heavy meal of such sweets.

While a reasonable amount of good candy is not harmful and is even beneficial, we should know that the sweets put before our children are pure, and free from injurious substances both in materials used and in coloring matter. The only way we mothers can be sure of the purity of candies and other delicacies is to prepare them at home. And since this may be easily done and is much more economical than buying from the store, many mothers will enjoy for once making a nice supply of candies at home, letting the children help with the work.

The things necessary are the desired amount of best granulated sugar and confectioner's sugar, one or more smooth granite or porcelain pans, some cream of tartar, and a bowl of cold water for testing. An asbestos mat on which to set the cooking pan to prevent burning is also good.

Creams Need Good Foundation.

The French cream, or fondant is the foundation for most fancy creams. It may be made two ways. The boiled fondant is made by boiling together 2 cups of granulated sugar, ½ cup of cream or cold water and ½ teaspoon cream of tartar. Boil without stirring until it forms a ball when dropped in cold water, then remove from fire and pour into an earthen bowl. Do not scrape the sides of pan. Cool slightly by setting in a pan of cold water, then stir until white and creamy. Turn onto a platter and knead perfectly smooth with tips of fingers. If desired make several quantities, put all together in a bowl and cover with oiled paper, pressing down well to exclude air, and set in a cool place over night. This fondant, or "candy dough" is then ready to be moulded into balls, cones, etc., for any of the fancy creams.

To make the uncooked fondant use the white of 1 or more eggs and beat until light with an equal quantity of sweet cream or cold water. When beaten light stir in enough confectioner's (XXXX) sugar to make it of the right consistency to mold into balls. Cover with a damp cloth. Use either this or the boiled fondant for the following or other creams:

Chocolate Creams—Mold bits of the fondant into cones the size of a thimble and set on oiled paper or buttered pans to harden over night. The next morning melt 2 squares of chocolate in a cup set in hot water. Run a hat pin or darning needle into the cones, dip in the melted chocolate until well coated, then place on tins or oiled paper to dry.

Walnut Creams—Break off pieces of the fondant the size of nutmegs, roll until smooth, press between two halves of walnuts and leave to dry.

Cocoanut Cream Squares—Roll out a piece of fondant on board or marble slab, sprinkle with a thick layer of grated cocoanut and fold and work well together. Roll out, sprinkle with sugar, cut in squares and put to dry.

Cream Nut Squares—Chop fine 1 cup of nut meats of any kind and use in same way as with cocoanut squares. Date creams and others may be made by the same rule. Thus a great variety of delicious candies may be made with either of the above recipes used as a foundation.

Butterscotch—Melt 1 pound of brown sugar in a pan without water, and when

melted add ¼ pound of butter beaten to a cream. Stir well. Flavor with 1 ounce of ground ginger. When cool cut in squares.

Honey Caramels—Put in a pan 2 cups sugar, ½ cup strained honey, butter size of a walnut, and ½ cup water. Cook until it forms a soft ball when put in water, then pour the hot sirup over the beaten whites of 2 eggs. Beat until creamy, pour into a buttered pan and cut in squares.

Chocolate Caramels—Cook together ¼ pound grated chocolate, 1 cup rich cream, 1 cup molasses, 1 cup sugar. Just before taking from the fire add ½ teaspoon vanilla. Boil until it forms a ball when put in cold water. Pour in buttered pan and cut in squares.

Molasses Taffy—Two cups brown sugar, 1 cup molasses, 1 tablespoon vinegar, butter size of egg, any flavoring desired. Boil about 10 minutes, pour into a buttered pan, and when cool pull until bright.

Candy may be colored pink with a few drops of fruit coloring. All these candies, with the possible exception of the taffy, should be made two or three days in advance of using, thus giving the cream time to "ripen".

Getting Rid of Plant Lice.

The little green lice that are so abundant on the house plants, particularly roses, at this time of year may all be cleaned off by applying thoroughly one of the following remedies:

Tobacco leaves, stems or dust, 1 pound in 4 gallons of water. Place the tobacco in water enough to cover it and steep in hot, but not boiling, water for a full hour, and then dilute as mentioned.

Whale oil or fish oil soap—1 pound to 8 gallons of water.

Kerosene emulsion made so as to be about one-fifteenth oil.

Any one of the above remedies, and many others that might be mentioned, will be effectual if used as a forceful spray directed upon the underside of the leaves in sufficient quantities to thoroughly wet the lice. If many are missed at the first treatment, repeat in three or four days.

The same applications will kill similar lice upon other plants.

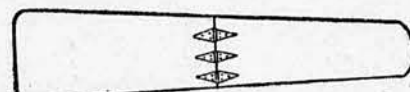
C. P. Gillette.

Fort Collins, Colo.

A Useful Ironing Board.

[Prize Letter.]

This is a handy ironing board to use when traveling or boarding, as it will go nicely in the bottom of a trunk or drawer. It may be made out of an ironing board of the usual size by putting three large size



As the Board Looks Opened.

hinges on the under side, which insures a smooth top.

Goffs, Kan. Mrs. Maude Gettle.

What To Do For Asthma.

Can anyone tell me through the Mail and Breeze a help or cure for asthma?—Reader, Iowa.

Many persons have wanted to know the answer to this question and it is doubtful if any have found it. A change of climate is often a great help. The change from any state of comparatively low altitude to the high, dry atmosphere of Colorado or any of the mountain states often gives complete relief for several years. Temporary relief in case of need is often obtained from applications of Denver mud, or from a cold wet cloth put around the neck covered thickly with a dry one. The very wisest thing to do is to let a physician help you.

Keep on sending the Mail and Breeze, it is the best ever.—A. A. Marchel, R. 1, Medicine Lodge, Kan.

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We can offer you special inducements on these instruments, such as low price, easy terms, and the Jenkins guarantee. We have both used and new pianos. We can fit your purse, suit your taste and please your fancy. Write us what you have in mind as to price and whether you want a new or second hand piano or organ. We will write you a personal letter, answering your questions and giving you full information as to prices, terms and the way we do business.

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Write us whether you are interested in a new or slightly used piano at a great bargain. Perhaps you may be interested in a Player Piano, either new or used. Anyway write us your desires and we will send you full particulars and full description of our bargains.

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State Institute Programs

AT MANHATTAN, HOLIDAY WEEK.

Some unusually strong programs are being prepared by breeders' associations for the annual meetings at the state farmers' institute to be held at Manhattan, December 29 to January 2. Among these is the Kansas Swine Breeders and Growers association. This is the tentative arrangement of the program to be presented January 2:

"Feeding and Developing Prize Winners," E. D. King, Burlington, Kan.
 "Selecting and Breeding Hogs," W. W. Otey, Winfield, Kan.
 "Making Hog Raising Profitable," H. B. Walters, Effingham, Kan.
 "Value of Protein Supplements in Hog Feeding," Turner Wright, Livestock Editor, Capper Farm Papers, Topeka, Kan.

The Kansas Horse Breeders will hold their annual sessions January 1 and 2. The program submitted by Secretary McCampbell shows some good talent down for addresses. Time will be allotted for a discussion of each subject after being presented by the speaker. The program follows:

Thursday, January 1, 1914.

9:00 a. m.

President's Address, Geo. B. Ross, Sterling, Kan.
 Report of Secretary.
 "Community Co-operation in Livestock Improvement," H. W. Avery, Wakefield, Kan.
 Address, C. W. Thompson, Washington, D. C.

1:30 p. m.

"Examining a Horse for Soundness," Dr. J. H. Bart, Manhattan, Kan.
 "Anatomy and Functions of the Organs of Reproduction" (Lecture and Demonstration), Dr. B. R. Rogers, Manhattan, Kan.
 "Diseases of the Organs of Reproduction," Dr. L. W. Goss, Manhattan, Kan.

7:45 p. m.

"The New Stallion Law," "The Service Lien Law," Dr. C. W. McCampbell, Manhattan, Kan.
 Business Session.

Friday, January 2.

9:00 a. m.

"The Colt Show," G. C. Wheeler, Topeka, Kan.
 "What About the Mule?" W. A. Cochel, Manhattan, Kan.
 "The American Saddle Horse," E. A. Trowbridge, Columbia, Mo.
 "A Comparison of European and American Methods in Draft Horse Production," Chas. R. Kirk, St. Joseph, Mo.

1:30 p. m.

"Some Mistakes Frequently Made in Selecting a Draft Stallion," J. C. Robison, Topeka, Kan.
 "Present and Probable Future Demands of the Horse Market," A. D. Cottingham, Kansas City, Mo.
 Horse Judging Demonstration.

7:45 p. m.

"Size in Draft Horse—Its Importance and How Obtained," J. H. S. Johnstone, Chicago, Ill.
 "Problems in Farm Management," W. A. Lloyd, U. S. Department of Agriculture, Washington, D. C.

One of the interesting features of the institute will be the conference on demonstration agent work in Kansas. Men interested in Kansas agriculture will have an opportunity at this conference to acquaint themselves with this movement and the way it is working out. This program has been planned:

"The County Demonstration Agent from the Farmer's Standpoint," H. M. Hill, Montgomery county, Kansas, and J. M. Gilman, Leavenworth county, Kansas.

"The Demonstration Agent from a Farm Paper Editor's Standpoint," T. A. Borman, Topeka, Kan.

The Demonstration Agent from the Bankers' Standpoint," Charles M. Sawyer, Bank Commissioner of Kansas.

"County Agent Work in Allen County," W. E. Watkins, County Agent, Allen County.

"The Place of the Demonstration Agent in Agricultural Education," President H. J. Waters.

The State Dairy association will meet on Friday, January 2. In connection with this meeting there will be a butter and milk contest as outlined in last week's Mail and Breeze. The following program has been arranged:

8:00 a. m.

President's Address, J. G. Christ, Fort Scott, Kan.

The Dickinson County Kansas Cow Testing Association, George Lenhart, Abilene, Kan.

Discussion: S. Goldsmith, Abilene, Kan.

Dairy Farm Management, A. S. Neale, Manhattan, Kan.

Discussion, Ben Schneider, Nortonville, Kan.; P. W. Enns, Newton, Kan.; J. B. Porter, Mayetta, Kan.

Tuberculosis Regulation of Kansas Dairy Cattle, Dr. E. F. Kubin, McPherson, Kan.

Discussion, Al Howard, Tonganoxie, Kan.; D. T. Williams, Belleville, Kan.; F. L. Huxtable, Wichita, Kan.

1:30 p. m.

Business Meeting.

Building Up Kansas Dairy Herds, O. E. Reed, Manhattan, Kan.

Discussion, R. C. Krueger, Burlington, Kan.; G. E. Merritt, Great Bend, Kan.; Chester Thomas, Waterville, Kan.

Dairying on the Kansas Farm, T. A. Borman, Topeka, Kan.

Discussion, Dr. O. H. Simpson, Dodge City, Kan.; E. C. Obrecht, Topeka, Kan.; H. N. Holdeman, Meade, Kan.

Relation of Creamerymen to Farmers, William Lutt, Concordia, Kan.

Inspection of Milk and Butter Show.

Inspection of K. S. A. C. Dairy Herd.

As soon as any crop in the garden is harvested, clear the land and get some other crop in.



L.-W. Sodas for Supper?
Good!

Sunshine L.W. SODA CRACKERS

The men-folks like 'em because they're so crisp and taste so good. They're a welcome change from bread and always handy to have. No fuss to fix them—always ready to set right on the table.

If you think the boys eat too many of them, remember that L.-W. Sodas are good, wholesome nourishment at very low cost and easily digested.

LOOSE-WILES BISCUIT COMPANY
Bakers of Sunshine Biscuits

Always fresh and flavorful in this big, economical, air-tight, family package

25c



Stockmen Have Reorganized

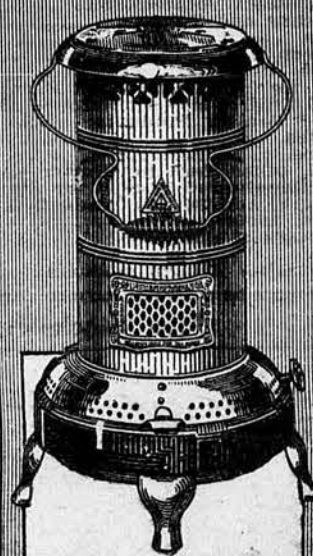
The Kansas Livestock association was reorganized at a meeting held in Topeka, December 10. About 200 stock growers and shippers from over the state attended the meeting. The purpose of the reorganization was to develop an association that can look after the interests of its members and also the general livestock interests of the state more effectively than the old organization had done. It was decided that only owners, raisers, and shippers of livestock should be eligible to membership. It was decided, also, that there should be a regular, paid secretary who will devote all his time to the interests of the association.

The officers elected were: W. J. Todd, Maple Hill, president; George E. Tucker, Eureka, vice president; J. H. Mercer, Cottonwood Falls, secretary, and James Plumb, Emporia, treasurer. The executive board of the association consists of a member from every congressional district, three members at large, and the officers of the association.

The members of the association were very enthusiastic and went about the task of reorganization in an earnest business-like way. The first work will be to represent the interests of the stockmen of the state in settling the dispute over terminal facilities at the Kansas City stock yards. The secretary will, when the organization is perfected, handle all claims of the members, who are shippers, against the railroads for damages due to carelessness or neglect on the part of the railroads. The next work will be to perfect a co-operative scheme to aid the members when buying and selling stock or feed.

The Mail and Breeze is well worth a dollar and it surely is of great help to the farmer.—Alfred Lundin, Porum, Okla.

The man who fails to profit by his mistakes is losing one of the best lessons taught by experience.



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for Warmth, Comfort
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At Last The Perfect Oil Heater!

Constant, unchanging heat through every hour of burning, whether the fount holds one gallon or one pint of oil.

With a clear, steady flame that gives clean, odorless heat—no waning and no smell as the oil in the fount gets low. No danger of smoking—a patented lock flame spreader keeps the wick at the proper height—you can't even turn it up to the smoking point.

And no trouble to re-wick. In this newest Perfection wick and carrier are combined. Fresh wicks and carrier come all ready for replacement—trimmed, smooth and ready to light. You have only to turn out the old and slip in the new.

PERFECTION
SMOKELESS
OIL HEATER

All these wonderful improvements, found in no other heater, are yours in addition to delightful comfort, convenience, and agreeable economy.

You can postpone your regular fires for a month with this handy little stove to take from room to room, wherever you need it, and never have an uncomfortable minute. Ready by striking a match—no fuel to carry or ashes to clean.

Useful all winter in out-of-the-way rooms that are difficult to heat. Drives out chill and dampness in early spring and summer.

Your dealer will have the different Perfection models—see them now before the first chilly days bring discomfort. Descriptive booklet gladly mailed free. Just send us your name on a postal.

STANDARD OIL COMPANY
(AN INDIANA CORPORATION)
CHICAGO, ILLINOIS

Look for

a coming issue of this publication. It is going to contain an announcement of

Landreth's

SEEDS
WHICH
SUCCEED

that you can't afford to miss. Be sure that you see it and read every word of the story it tells. Your pocket book will benefit.

D. Landreth Seed Co.
Bristol, Penna.

SEED CORN

Our corn is grown in Oklahoma. Hand-selected and tipped. It is much better for Kansas and Oklahoma than Northern-grown corn.

Prices delivered your station freight paid and bags free.

	Bu	10 Bu.
White Wonder	\$2.00	\$19.00
Silver Mine	2.15	20.00
Golden Beauty	2.15	20.00
Improved Strawberry	2.25	21.00
Bloody Butcher	2.25	21.00

Samples on STAR MILL & E. CO., Amarillo, Texas
Request.

OATS FREE

One package of Jones' Regenerated Abundance Oats will be sent free to show its wonderful productiveness. Resists drought—grows big crops where others fail. Longest strawed, thinnest skinned, heaviest yielding—earliest large grained oats in the world. Also free—Jones' Book on seeds and crop growing. Oats guaranteed perfectly clean. Send in your name today.
O. S. JONES SEED CO., Box 793M, Sioux Falls, S. D.



A Fresh Hand-Made Cigar
Extra quality tobacco
It's a mild, fragrant smoke

3 Crops Yearly

THAT'S what many Southern Farmers are making. Alfalfa yields 4 to 6 crops annually. Other hay crops do proportionately as well. It's the greatest dairy and livestock section of America.

GOOD LAND, \$15 an Acre Up

Truck, poultry and fruits of all kinds make big profits. Seven to ten months growing season. Climate very healthful. Learn the facts, ask for "Southern Field" magazine and land lists.

M. V. Richards, Land & Ind. Agt.
Room 36,
Washington, D. C.

Southern Ry.
Mobile & Ohio
Ga. So. & Fla. Ry.

CATALOGUES, LETTERHEADS, CARDS, FOLDERS, ENVELOPES

EVERYTHING IN PRINTING

THE MAIL PRINTING HOUSE
123 W. 8th, Topeka Kansas.

Carey Act Land Opening

Beginning August 7, 1913. 3,600 Acres in Bear River Valley, Utah. Low Prices, Easy Terms and Long Time. Also 9,000 Acres of deeded land in the Neponset Tract to be sold at low prices. Easy Terms. Long Time.

Write for complete information. Summer Tourist fares (1st Class) daily, to and including Sept. 30, 1913, and Homeseekers' fares (second class) 1st and 3rd Tuesdays of each month.

R. A. SMITH

Colonization & Industrial Agent,
Union Pacific Railroad Co., Room
1389 Union Pacific Bldg.,
OMAHA, NEB.

Coburn's Story of Kansas

The Christmas Card From the Secretary Tells a Cheerful Tale
Warranted to Cure the Blues

THE worst troubles of most human beings are the troubles that never come. This is trite, certainly, but absolutely true. Another thing that creates bald heads and gray hair is the unhappy facility with which many persons sink to their eyebrows in what are called the doldrums—the blues—when, with a little taking stock of things they might be convinced that the world isn't such a poor place after all. Everyone should count over his blessings once a year and strike a balance with the worries and disappointments.

There's Coburn, for instance. A man has to be big in his own country when everyone knows him by his surname—bereft of initials and titles and offices. This is fame and a lot of it has come to Coburn of Kansas in the last 20 years. There have been detractors, it is true; men who believed the veteran secretary used colors too bright in his pictures, but through it all Coburn has gone on about his well planned job of telling the eager world about Kansas. It has not mattered one whit to him what other states have done. He has paid attention solely and always to Kansas. Year after year his Christmas greetings have gone to thousands in every part of the world, telling to all who read—and who does not?—the truth, as Coburn sees it with the light and the hopeful heart that God gave him, about the one state in the Union which he believes chosen by Providence to produce the best of most things and the most of the best things on top of this busy world.

And now, if you please, ladies and gentlemen, we will turn our attention for a few moments to the next picture, entitled "Kansas."

We will now ask your thoughtful consideration of a few figures from the same source:

a criminal case in 10 years. This is Kansas; a state whose founders challenged the desert's desolation and out of poverty reorganized civilization. Such a state offers to the world not only a good place to live in, but good folks to live with.

Aren't you sorry when you think of the times you vowed and swore and carried on frightfully last summer when things looked blue—to you? Coburn wasn't blue. He was busy counting up the blessings that remained.

Fall Listing Best For Corn

Mr. Editor—In August I disked half of my corn ground, and in the near future I am going to blank-list the rest. I prefer listing to disking for the reason that all stubble is turned under to rot, and it will catch as much snow as disked ground. Land in this locality is a little too sandy to permit fall plowing. All corn is listed here, there is no surface planting. Last season a neighbor did both listing and disking, listing in the fall, and disking in the spring. The listed ground was the easiest to tend, and while corn in this locality was almost a failure this listed ground made at least a few nubbins. My corn ground was sod-broken in April and May and triple sod cut, then listed and cultivated. I had a lot of fodder, but only a few nubbins. Stubble that stands all winter is too trashy to tend and requires one or more extra cultivations to get it in the same condition for laying by.

R. 5, Haviland, Kan.

The Companion's Calendar for 1914.

The publishers of The Youth's Companion will, as always at this season, present to every subscriber whose sub-

HER AGRICULTURAL PRODUCTS AND LIVE STOCK IN 1913.

	Quantities.	Values.
Winter and Spring Wheat, bus.	72,458,051	56,375,409.95
Corn, bus.	18,420,052	13,378,475.25
Oats, bus.	28,125,677	11,842,569.53
Rye, bus.	568,383	414,306.24
Barley, bus.	1,759,002	888,650.03
Emmer ("Speltz"), bus.	7,092	3,513.90
Buckwheat, bus.	476	428.40
Irish and Sweet Potatoes, bus.	3,254,293	2,738,032.18
Castor Beans and Tobacco	250,485	9,651.50
Flax, bus.	6,020,550	259,712.20
Broom Corn, lbs.	90,856	299,108.51
Millet and Hungarian, tons	254,800	691,835.00
Sorghum, for Sirup, Grain and Forage (sirup, gals.)	2,753,952	17,327,866.00
Fame and Prairie Hay (product of 1912), tons		27,937,310.00
Wool, and Poultry Products		11,115,526.00
Cheese, lbs.	69,897	11,481.66
Butter, lbs.	44,622,671	12,560,469.06
Milk sold, other than for Butter and Cheese		1,246,426.00
Animals Slaughtered or Sold for Slaughter		80,604,677.00
Horticultural and Garden Products, and Sugar Beets (beets, tons)	55,011	3,599,665.00
Honey, Beeswax and Wood		161,243.85
Total value of farm products		\$241,466,357.36

Live Stock—Numbers and Values

	Numbers.	Values.
Horses	1,039,860	\$109,185,300.00
Mules and Asses	242,398	30,299,750.00
Milch Cows	862,906	48,322,736.00
Other Cattle	1,551,782	58,967,716.00
Sheep	196,151	882,679.50
Swine	1,637,365	18,011,015.00
Total value of livestock		\$265,669,196.50

Grand total, Farm Products and Livestock	\$ 507,135,554
Increase over values of 20 years ago	315,040,909
The state's assessed valuation	2,809,825,069
Cash in Kansas banks September, 1913	207,608,413
State's population	1,685,621
Gain	16,325

Don't leave your seats. It's only half over. Here's a little booklet bearing the alluring caption, "The Commonwealth Envious." Just one page, if you please:

"The heart is not easily taken out of a state that has an average of \$600 in the banks and \$750 worth of livestock on the farms for every family; that has property with an assessed valuation surpassed only by that of New York, Pennsylvania and Massachusetts; that in 20 years has harvested wheat worth \$32 million dollars, and grown corn having a value of 1,082 million; that has 87 counties out of a total of 105 without any insane; 54 without any feeble-minded; 96 without any inebriates; 38 without any poor houses; 53 without any prisoners in jail; 65 without any convicts in the state's prison, and dozens in which no jury has been called to try

scription is paid for 1914, a calendar for the new year. It is a gem of calendar-making. The decorative mounting is rich, but it is subordinated to the main purpose to produce a calendar that is useful.

Not too Busy There.

With all the plowing and alfalfa cutting, farmers of Dickinson county have not forgotten the county roads. With the coming of recent rains farmers have been busy with their road drags. A man who came to town today along a road into the south part of the county saw seven drags at work. Dickinson county is considering grading and graveling one of the main traveled roads about a mile and a half out from town. Plenty of good gravel is available in the county.

FITZ SAYS

"Occasionally you meet a man who is so good that he's good for nothing."

FITZ OVERALLS

The "feel good" brand—the kind of work clothes that makes the work easier. Worn wherever there is work to do. On the farm, in the factory, outside and in, you'll find satisfied workers wearing FITZ.



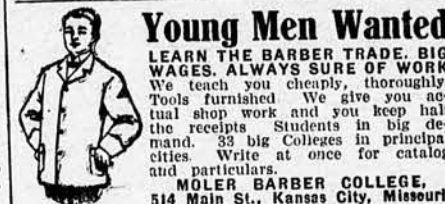
Burnham - Munger-
Root Dry Goods Co.
KANSAS CITY,
MISSOURI.



You Can Earn Your Expenses

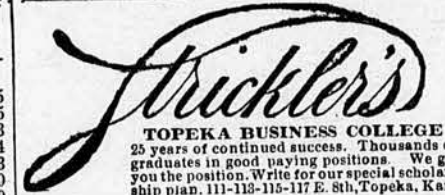
Young men and women willing to work for the sake of making something of themselves can earn board and room outside of school hours. Write to me.

Geo. E. Dougherty, President
Dougherty's Business College
116-120 West 8th Ave., TOPEKA, KANSAS



Young Men Wanted

LEARN THE BARBER TRADE. BIG WAGES. ALWAYS SURE OF WORK. We teach you cheaply, thoroughly. Tools furnished. We give you actual shop work and you keep half the receipts. Students in big demand. 33 big Colleges in principal cities. Write at once for catalog and particulars.
MOLER BARBER COLLEGE,
514 Main St., Kansas City, Missouri.



TOPEKA BUSINESS COLLEGE
25 years of continued success. Thousands of graduates in good paying positions. We get you the position. Write for our special scholarship plan. 111-113-115-117 E. 8th, Topeka, Kan



Learn Telegraphy

A practical school with railroad wires. Owned and operated by A. T. & S. F. R. Ry. EARN FROM \$50 TO \$165 PER MONTH. Write for catalogue.
SANTA FE TELEGRAPH SCHOOL,
Desk G, 505 Kansas Ave., Topeka, Kan.

Wanted: 60 American Boys

HOLTON, KANSAS.
An ideal school for boys between the age of 12 and 18. Boys are on their honor. No demerit system. \$200 for 9 mos. Enter at any time. University teachers. For all information, address
The Superintendent,
Kansas Military Institute.



LA FOLLETTE'S WEEKLY

Tells you fearlessly, candidly, interestingly the inside of public affairs—free to speak the truth and champion the cause of true democracy and equal rights. Regular price, \$1.00 per year. We will send you La Follette's 10 WEEKS—10 CENTS if you will send us the names of five persons interested in the progressive cause.
LA FOLLETTE'S WEEKLY, Dept. MB,
MADISON, WIS.



\$10.00 Sweep Feed Grinders

We manufacture all sizes and styles. It will pay you to investigate. Write for catalog and price list.

GURRIE WIND MILL CO.,
Topeka, Kansas.



Wanted Farmer or Farmer's Son

with rig in every County to introduce and sell Family and Veterinary Remedies, Extracts and Spices. Fine pay. One man made \$90 one week. We mean business and want a man in your County. Write us.
Shores-Mueller Co., Dept. 13, Cedar Rapids, Iowa



You wanted a really high-grade, economical car with lots of power and comfort, at a moderate price. Jeffery has built it.

NOW you can have an automobile combining comfort, quality, beauty and economy at your price, \$1550. This extraordinary achievement of the Jeffery Company is this year's sensation.

You have always wanted a comfortable car of some beauty but five or six hundred dollars bought only the car—not the comfort or beauty. A thousand dollars would buy a car that looked pretty good and rode well on ordinary roads but you knew it couldn't have the quality, power and stability.

Your level-headed demand for economy of operation, gasoline, oil and tires kept you from paying a fortune for one of those big heavy cars that cost another fortune to maintain.

That's why we put into the Jeffery Four and Six the results of the study, experiment and accepted practice of the best motor car designers of

America and Europe and produced America's first high grade, economical car of power, stability, beauty and comfort at a moderate price.

We have accomplished what all other motor car manufacturers have either overlooked or striven for in vain.

How have we done it? By focussing upon the production of this car the resources, brains, buying power, financial strength, manufacturing experience and equipment of the mammoth Jeffery organization. Forty years of experience—five and a half millions in assets—three millions in the latest and best machinery and the highest credit in the industry.

Who Else Could Do It?—Who Else Dare Try?

Space does not permit us to give you the details of the final triumph here. Write for a Jeffery Circle. It tells about the light monobloc motor that drives this car. Twenty miles an hour in 7 seconds—40 miles an hour on second speed in 20 seconds and in fifty-five seconds 50 miles.

This motor is larger than that used in 52 out of 86 cars exhibited at the Paris Show this year. You will learn that vanadium steel and materials

used heretofore only in very expensive cars are used in The Jeffery and that the U. S. L. electric starter used in this car costs more than any other starter.

Not a single car in America selling under \$2000 except the Jeffery is equipped with the U. S. L. Imported annular ball bearings are used instead of any domestic bearing and Rothschild designed the body.

When you consider the bare facts—when you question your nearest garage man or mechanic you will agree that The Jeffery is the car you have waited for because it is all that any motor car should be at a price that the best motor car should cost.

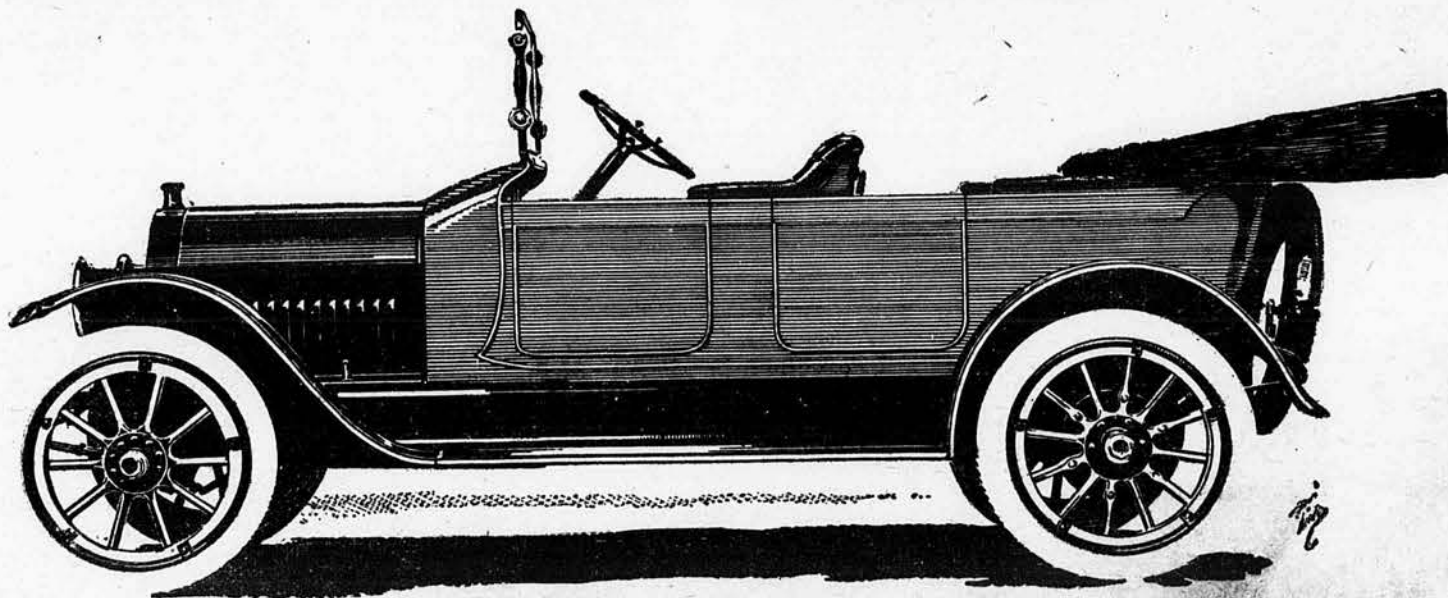
U. S. L. starting and lighting, without chains, gears or belts. Imported annular ball bearings. Speed it up to forty miles an hour, shut off your engine and coast half a mile.

Spicer universal joints, combination force feed and splash oiling system; four forward speed transmission—the lightest and easiest to operate.

High grade full floating type rear axle on imported annular ball bearings—a delight to the mechanic. Flexible leather coupling between clutch and transmission.

Vanadium steel in springs, rear axle drive shafts and front axle. Rayfield carburetor; left drive and center control. Pressure feed gasoline tank; pump operated through cam shaft. Bosch Duplex ignition. Solar lamps with dimmer, operated by four position switch.

The Jeffery Four equipment includes Neverleek top, rain-vision windshield, Stewart Warner speedometer, ammeter, extra demountable rim, with carrier, electrically lighted dash replete with latest attachments. Klaxet horn and complete tool equipment.



Jeffery Four \$1550

The Jeffery Six is a duplicate of the wonderful Jeffery Four, except for size. The cylinders are cast in pairs. This car, which sells at \$2250, is in a great many ways as remarkable among Sixes as its smaller brother is among the Fours. We built it for those who will drive nothing but a Jeffery car, but who prefer a Six. It is light—actual scale weight, 3700 pounds, with full equipment. We make it luxurious and beautiful without making it extravagant. We know that a better Six cannot be built.

The motor— $3\frac{1}{2} \times 5\frac{1}{2}$ —develops 48 horse power. The bearings are imported annular ball throughout. The ignition is Bosch Duplex and the starting and lighting system is the U. S. L., of course. Wheel base, 128 inches, and wheels $36 \times 4\frac{1}{2}$ —on enclosed cars 37×5 —Rayfield carburetor, Warner autometer, ammeter, engine driven power tire pump, Rothschild body with extra wide doors and low, deep seats, full floating rear axle. This car is made, five passenger touring or two passenger roadster at \$2250; six passenger at \$2300; Sedan five passenger, \$3250 and limousine, at \$3700.

The best known dealers in the country are wiring for territory on these cars. Most of the big output has already been contracted for. We are anxious not alone to dispose of the output, but to see that every man in every county in the country who appreciates the new standard of high grade value we offer, gets his Jeffery car. Therefore, we will gladly co-operate with you if you will wire right now.

The Thomas B. Jeffery Company
Main Office and Works, Kenosha, Wisconsin

High Merit Won for Cattle

Horses in the International Also the Best

BY TURNER WRIGHT
Livestock Editor

PERSISTENT efforts bring great achievements. Such is the story of the development and the wonderful success this year of the International Livestock exposition. New, seemingly impossible, standards had been set and all records were broken. Starting in a modest way, 14 years ago, the International has been thus developed into the greatest livestock show ever seen in any country. The show, this year, surpassing any that has gone before, was international in scope and character. The entries were more numerous than heretofore and there was improvement in quality in all divisions. Those exhibitors who by their persistent efforts, from the very beginning, have endeavored to build up a show such that the quality of the exhibits would be a fitting example and inspiration for the improvement of the farm stock of this country were gratified to see so many homebred animals contending successfully with those bred on foreign soil. Visitors came from all over the United States and Canada and some from other countries. Never in its history have so many farm folk attended the International, and never have they seemed so eager to study the exhibits. The high prices of meat and the present high prices of feed, with its resulting problems, no doubt caused an increased interest in the fat stock but the breeding classes also presented many educational features which were fully appreciated. The breeders' meetings were well attended and the outlook for future development is bright.

The Horse Exhibit.

The show of draft horses was the best ever made. This division, from the first year of the exposition, has been one of the most educational in the breeding section. The best and most useful market types are here exemplified. The visitors always have manifested more interest in this section than in any other and the exhibitors and breeders have tried to build up a show, the quality of which could be used as an ideal by every horse grower of the country. The quality of the exhibits, this year, showed that their efforts were not without success. The addition of the futurity classes brought out many promising colts that were able to compete successfully with imported ones in the open classes. The revision of the classification for geldings resulted in a much larger display than heretofore and an increased interest in the work horse, the ultimate end of all draft horse production.

The display of Percherons made up a large part of the horse exhibit and was pronounced by many to be the equal of any show ever seen in France. All the classes were exceptionally large notwithstanding that much culling had been done after the entries were made. One of the strong features was the presence in many of the classes, of homebred entries that were able to win over imported animals. The competition was close and many horses of recognized merit were sent to the gate after the first or second inspection of the judges.

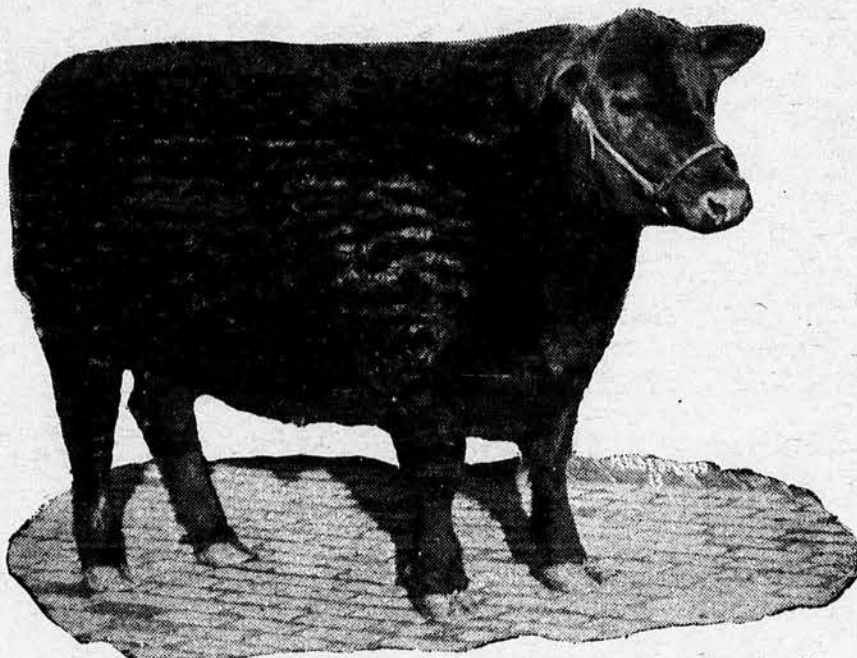
Canada Paid the Freight.

The show of Clydesdales was notable for the quality and condition of the entries and the quiet and business-like way in which the exhibitors showed their animals. One of the features was the exhibition of a carload of Canadian Clydesdales made possible by the payment of the expenses of the trip by the provincial government of Saskatchewan. The standard set for quality was also maintained by the Shires and Belgians. The types shown by these two breeds showed much improvement to meet American demands and ideals. The Belgians, presented, were of a more active and durable type than those usually seen at the International in past years. The Shires showed much improvement in smoothness and quality of bone.

The exhibits in the cattle section averaged considerably better in quality than in some other years. Two of the striking events of the show were the successful return of the many times champion, Ringmaster, and the winning of

the Hereford grand championship by the bull, Point Comfort 14th, bred in Arkansas and owned by W. J. Davis & Co., of Jackson, Miss. This event is but a forerunner of the great development of the cattle industry that is soon to take place in the South.

The Shorthorns were represented by the largest number of entries, but the other breeds were fully up to the standard set for quality. The displays of milking Shorthorns and Red Polled cattle also added to the educational features of the show. Two strong exhibits that had made the western shows were missed in the Hereford division. These were the entries from the herds of O. Harris, Harris, Mo., and Robert H. Hazlett, El Dorado, Kan. Both herds were entered but conditions developed later which prevented their being shown. Another incident of note in the Hereford ring was the victory of the 2-year-old Beau Fairfax over his stable mate, the imported Farmer. The show of Aberdeen Angus was exceptional for quality. While the number of breeding animals on exhibition was not so large as in some other years the competition was strong in all classes. One of the sensations in the Angus camp was the senior



Glencarnock Victor 2nd, Grand Champion steer, 1913 International.

bull calf Kemp. This calf was first in class and sold in the association auction for \$2,005.

Kansas Was There.

The Galloway show was much larger than it had been for several years. Kansas exhibitors had the honor of showing the largest number of animals of this breed from any one state. These exhibitors were: S. M. Croft & Sons, Bluff City, Kan.; G. E. Clark, Capital View Farm, Topeka, Kan., and the Kansas Agricultural college, Manhattan, Kan. Clark won senior female championship with the aged cow, Daisy Dimple, and Croft won junior bull championship with the senior calf, Ben. A number of other class prizes were won by animals from these two herds. The Kansas college showed in the steer classes and won first place on the yearling, Medalist. The college also won 16 other prizes, many of them firsts on steers, barrows and wethers.

Kansas was also represented in the carlot classes. D. D. Casement, Manhattan, Kan., won third in the South Central District on 2-year-olds and second and third in the Southwest District on yearlings. The third prize load of short fed specials were 2-year-old Shorthorns bred by J. P. Campbell, Wichita, Kan. Mrs. J. S. Casement, Painesville, Ohio, won first in the South Central district on a load of Kansas bred calves.

While the barrow show was one of the best made in years the exhibit of breeding swine was not up to the standard of the other sections.

The sheep show seems to be coming into its own again. The American breeders, prevented from showing many imported animals in 1912 because of

restricted importations were forced to put forth their best efforts with home bred stock and the result has been gratifying. The greatest feature of the show this year was the excellence of the American bred animals, and the winnings made in competition with imported stock.

INTERNATIONAL CHAMPIONS

Here are the leading awards in all the classes shown in the International Livestock exposition at Chicago, November 29 to December 6:

Breeding Classes

HORSES

Percherons.

Senior and grand champion stallion—Hedonse, aged; J. Crouch & Son, Lafayette, Ind.
Junior champion stallion—Lagos, 2-year-old; Burgess Stock Farm, Wenona, Ill.
Senior champion mare—Kokasse, 3-year-old; Crouch & Son.
Junior and grand champion mare—Lapalisse, 2-year-old; Crouch & Son.

Belgians.

Champion stallion—Farceur, 3-year-old; Wm. Crownover, Hudson, Ia.
Champion mare—Lena, aged; Crouch & Son.

Clydesdales.

Senior and grand champion stallion—Fyvie Baron, aged; Conyngham Bros., Wilkes-Barre, Pa.
Junior champion stallion—Glencaple, 2-year-old; Conyngham Bros.
Senior and grand champion mare—Harvestoun Baroness, aged; Fairholme Farm, Mondovi, Wis.

Junior champion mare—Rosie Pride, Conyngham Bros.

Shires.

Senior champion stallion—Mawgan Trants Crock, 3-year-old; Burgess Stock Farm.
Junior and grand champion stallion—Bocadden Hereford, 2-year-old; Burgess Stock Farm.
Senior and grand champion mare—Coldham Surprise, aged; Geo. McCray, Flithan, Ill.
Junior champion mare—Eureka Diamond, yearling; H. B. Smith, Bardolph, Ill.

Suffolk Punch.

Champion stallion—Westside Chieftain, aged; Hawthorn Farm, Lake county, Ill.
Champion mare—Geneva, aged; Hawthorn Farm.

CATTLE

Shorthorns.

Senior and grand champion bull—Ringmaster, aged; White & Smith, St. Cloud, Minn.
Junior champion bull—Cumberland's Type, calf; C. A. Saunders, Manila, Ia.
Senior and grand champion female—Maxwellton's Missie 2d, 2-year-old; Anoka Farms, Waukesha, Wis.
Junior champion female—Monarch's Victoria, yearling; Purdy Bros., Harris, Mo.

Herefords.

Senior and grand champion bull—Point Comfort 14th, aged; W. J. Davis & Co., Jackson, Miss.
Junior champion bull—Prince Real, yearling; Luce & Moxley, Shelbyville, Ky.
Senior and grand champion female—Perfection Lass, aged; Warren T. McCray, Kentland, Ind.
Junior champion female—Lady Rex, yearling; J. H. & J. W. Van Natta, Lafayette, Ind.

Aberdeen Angus.

Senior and grand champion bull—Erwin C., aged; W. A. McHenry, Denison, Ia.
Junior champion bull—Lord Melamere, calf; R. M. Anderson & Son, Newell, Ia.
Senior and grand champion female—Blackcap McHenry 88th, aged; McHenry.

Junior champion female—Erito C., yearling; C. D. & E. F. Caldwell, Burlington Junction, Mo.

Galloways.

Senior champion bull—Prince Favorite, 2-year-old; C. S. Hechtner, Charlton, Ia.
Junior champion bull—Ben, calf; S. M. Croft & Sons, Bluff City, Kan.
Senior champion female—Daisy Dimple, aged; G. E. Clark, Topeka, Kan.
Junior champion female—Lassie 3d of Maples, yearling; Hechtner.

Polled Durhams.

Senior champion bull—Sultan's Creed, aged; J. H. Miller, Peru, Ind.
Junior champion bull—Loch Leedale, calf; Leemon Stock Farm, Hoopeston, Ill.
Senior champion female—Sylph of Miami, 2-year-old; Miller.
Junior champion female—Ladylike, calf; Miller.

Red Polled.

Senior champion bull—Elgin, aged; Melchen & Sons, Geneva, Ind.
Junior champion bull—Teddy's Charmer, yearling; J. W. Larabee, Earlville, Ill.
Senior champion female—Cosy 2d, aged; Melchen & Sons.
Junior champion female—Agness, calf; Larabee.

HOGS

Poland Chinas.

Senior and grand champion boar—Sultan; J. E. Meharry, Tolopa, Ill.
Junior champion boar—Banker Perfection; Meharry.
Senior and grand champion sow—Louise Model 6th; Meharry.
Junior champion sow—Holder's Lady; Meharry.

Berkshires.

Senior and grand champion boar—Bourbon Premier C; Elmdorf Farms, Lexington, Ky.
Junior champion boar—Artful Duke 63d; W. E. Spicer, Bashnell, Ill.
Senior and grand champion sow—Romford 144th; Spicer.
Junior champion sow—Lady Nina 5th; Hibbard & Baldwin, Bennington, Mich.

Duroc-Jerseys.

Senior and grand champion boar—Joe Orion 2d; Ira Jackson, Tippecanoe City, Ohio.
Junior champion boar—Instructor's Perfection; J. D. Smith, Georgetown, Ky.
Senior and grand champion sow—Orion Lady A 2d; Jackson.
Junior champion sow—Tattletale 39th; H. E. Browning, Hersman, Ill.

Chester Whites.

Senior and grand champion boar—Combination; Thomas Kent, Walnut, Ia.
Junior champion boar—Kent.
Senior champion sow—Kent.
Junior and grand champion sow—J. W. Brendel, Zionsville, Ind.

Yorkshires.

Senior and grand champion boar—F. M. Buck, Laporte, Ind.
Junior champion boar—John Campbell, Lynn, Ind.
Senior and grand champion sow—W. H. Fisher, Columbus, Ohio.
Junior champion sow—Fisher.

Hampshires.

Senior and grand champion boar—Saltone Stock Farm, Greensburg, Ind.
Junior champion boar—Russell Yates, Paola, Ill.
Senior and grand champion sow—Saltone Stock Farm.
Junior champion sow—Saltone Stock Farm.

Tamworths.

Champion boar—Adams Bros., Litchfield, Mich.
Champion sow—Thos. F. Ryan, Oak Ridge, Va.

SHEEP

Shropshires.

Both champions won by Iroquois Farm, Cooperstown, N. Y.

Hampshires.

Champion ram—Walnut Hall Farms, Donegal, Ky.
Champion ewe—A. W. Arnold, Gallsville, Wis.

Southdowns.

Champion ram—Charles Leet & Sons, Mantau, Ohio.
Champion ewe—Leet & sons.

Dorsets.

Both shown by W. H. Miner, Heart's Delight Farm, Chazy, N. Y.

Cheviots.

Champion ram—J. W. Parnell, Wingate, Ind.
Champion ewe—R. & W. Postle, Champ Chase, Ohio.

Oxfords.

Both champions shown by Geo. McKerrow & Sons, Pewaukee, Wis.

Leicesters.

Both champions shown by A. & W. Whitelaw, Guelph, Ont.

Lincolns.

Both won by H. M. Lee, Highgate, Ont.

Cotswolds.

Champion ram—E. F. Park, Buford, Ont.
Champion ewe—Anoka Farms, Waukesha, Wis.

(Continued on Page 13.)

Rain Didn't Spoil Silage

The Wet Spell Furnishes Another Argument for the Silo

BY HARLEY C. HATCH

THE recent wet spell did the fodder no good. The kafir is suffering most; it has not cured out since it was cut more than six weeks ago and many fear it will be greatly damaged. As kafir is depended on for a large part of the roughness in this part of the country, its damage will be a real loss.

The man with the silo certainly is ahead this year. His feed is taking no harm and will not matter what the weather may be. But even with silage some dry feed must be fed, so we are all alike in hoping that the bright weather and drying winds will be of help.

Speaking of silos, we notice in a recent paper that a writer says a pit silo 16 feet across and 32 feet deep can be made for almost no cost. We wonder how he manages to dig a hole in the ground like that so cheaply. We cannot do it here. We have had enough experience digging wells during the summer to know that it costs considerable money, or else a lot of labor, to put down a hole 10 feet across. To dig a 16-foot hole would cost more than twice as much; for every dollar the 10-foot hole cost the 16-foot hole would cost \$2.56.

One of our neighbors dug a well 40 feet deep this fall. He started it 9 feet across but caving widened it to 10 feet before the well was done. In the whole 40 feet no rock was struck; nothing but a kind of joint clay. At 40 feet a few loose rock were met but these were easily dug out and it was here the water was found. The labor cost of digging this well was an even \$100, or \$2.50 a foot. Very likely there are soils in the region where pit silos are practicable which can be removed for much less than the cost of taking out this joint clay, but even then, it would seem to us, that the cost of digging a hole 32 feet deep and 16 feet across would not be small. Can any of the readers of the Mail and Breeze who have pit silos tell us the cost of making?

From a friend at Scandia come several questions. First, what is the difference between Scotch and Scotch-topped Shorthorns? The Scotch Shorthorn is an animal of pure Scotch breeding; the Scotch-topped animal is one which has for its sire a Scotch-bred bull and one of the various other Shorthorn females for a dam. Other Shorthorn families or strains are the Bates and Booth, both named after famous English breeders. It was thought by many that some of the English strains had been bred so finely they were losing vigor; the Scotch Shorthorns seemed to possess this vigor. Hence it comes that the Scotch Shorthorns have been in the lead for some time.

The other question he asks is: "What is the general rule for measuring well-settled alfalfa hay in the stack? About how many cubic feet would you count for a ton? "Measuring hay is to a great extent guess work. If one measures a stack he can make a more accurate guess than if he did not know the dimensions; that is all. The man who measures the hay will have to be the judge as to the solidity of it and so be able to tell whether to take 343, 422 or 512 cubic feet for a ton. These are the cubic contents of 7, 7½ and 8 feet square, respectively. As to which number to take would depend on how solid the hay is.

One of the commonest rules for measuring hay and one which probably is as accurate as any, is to multiply the width of the stack by the distance over it; divide this by 4, then multiply by the length. This gives the number of cubic feet as well as one can get at it. There is nothing which varies more in proportion of weight to bulk than hay; even baled hay will vary greatly and one lot may not weigh more than 65 pounds to the bale while another will weigh 75. To judge both lots by the looks one would not think any difference could be found. Hay will settle greatly but in the settling process it also loses in weight. Even baled hay will lose weight and the hay men here figure

that with baled hay put in the barn perfectly dry, there will, by the next spring, be an average loss of 3 per cent in weight.

We asked an insurance agent not long ago if the old line companies made any difference in rates where a building was protected or supposed to be protected, by lightning rods. He said they did not, as a general thing. We asked him if he considered the rods a protection and he answered that he did in nearly every case. It seems to us this matter should soon be settled. If rods are an efficient protection against lightning, the insurance rates on rodded barns ought to be reduced, for half the fire loss on barns is due to lightning. If rods do not protect a building, it is time we all knew it, and stopped putting them up. Personally, we think rods are a protection; one cannot read the government bulletin on that subject and believe otherwise.

This agent told us the adjuster for his company, a man who had adjusted thousands of losses, had informed him that he never had to adjust a lightning loss on a barn which had an iron roof, if the roof was connected with the ground by metal of any sort. This seems to indicate the theory of rods is right. We should never again consider putting a wooden roof on a hay barn. Iron of the best quality will last fully as long as shingles, is slightly cheaper and when properly put on will keep the rain out just as well. We know of a galvanized roof which has been on a cattle shed for 15 years and it seems in as good condition today. We cannot say this of any shingled roof which has stood for that length of time.

This week we got a letter from a motor car tire maker in which he advised us of a cut in tire prices. The list price given on casings 32 by 3½ is a little more than \$18; if we are not mistaken, this is a cut of about \$2 apiece. We are glad to see this, even if we have no further use of the car this winter. It means that rubber is much cheaper and is likely to become cheaper yet. It is said that when the new plantations all get to producing rubber it will become so cheap that rubber fabrics will be the cheapest of any in the market. We do not notice as yet that the makers of rubber boots, overshoes and rubber clothing have made any cut in prices. It would seem it was up to them to follow the tire makers. Everybody needs rubber boots this weather. We may have again some old fashioned Kansas seasons, such as we had in the early part of the 1900s; should that happen we shall all need rubber boots and rubber coats more than we shall need motor car tires.

In spite of the wet weather farm sales continue. Most of us find it too wet to go to church or Sunday school but that by dodging showers it is easy to reach the point where the sale is being held. Prices are slightly lower on cattle and hogs, following the course of the market. Those who sold their shoats last fall for from \$6 to \$6.50 a hundred, as many did in this locality, are now glad they did so. There is no money in feeding corn at present prices, and during the present weather, to hogs which bring no more than \$7 a hundred, locally. Also many are beginning to doubt the future of the cattle market. There seems to be plenty of cattle coming to all the five markets to supply every demand and an increase in supply is quickly followed by a drop in prices. Unless the people quit eating meat, however, it is not to be believed that prices will go much lower. Meat cannot be made any cheaper and if livestock prices go lower, the feed will be sold at present rates instead of being fed to stock. The supply of livestock cannot be increased by lowering prices.

Silos Paid in Wabauunsee.

"Just what would have happened to us this fall had it not been for the silos, is difficult to state now," said John Martin of Wabauunsee county, Kansas. "I think it would be safe to state that

in Wabauunsee county we have 200 silos." Mr. Martin went on. "Without them, we would simply be out of business so far as handling cattle is concerned. Feed was cut very short, but by converting it into silage, it was made to go much farther, and as a result farmers are holding their cattle, and handling them without a loss. As every one in the cattle business knows, Wabauunsee county is a noted cattle territory, where a great deal of the land is used for grazing only. Forage feeds, but not much corn, are raised there. It was the silo that saved us this time."

High Merit Won for Cattle

(Continued from Page 12.)

Romneys.

Mark Havenhill, Fox, Ill., was the only exhibitor.

Exmoors.

Allen C. Young of Bulford, England, made the first exhibit of sheep of this breed ever seen in this country.

Fat Classes

CATTLE

Single Steers.

Shorthorn—Hallwood, 2-year-old; J. H. Prather, Williamsville, Ill.
Aberdeen Angus—Shamrock Still, yearling; Purdue University, Lafayette, Ind.
Hereford—Refiner, yearling; James Price, La Crosse, Wis.
Galloway—Donald, 2-year-old; University of Nebraska, Lincoln, Neb.
Red Polled—Russell, calf; W. S. Hill, Alexander, Wis.
Grade or crossbred—Glencarnock Victor 2d, yearling; Jas. D. McGregor, Brandon, Manitoba.
Champion 2-year-old—Black Mist, grade Angus; Rosengift Stock Farm, Kelley, Ia.
Champion yearling—Glencarnock Victor 2d, grade Angus.
Champion calf—Bright Boy, purebred Hereford; James Price.
Grand champion steer of the show—Glencarnock Victor 2d.

Carlots by Ages.

Three-year-olds—V. M. Scott, Paris, Ill., on Angus.
Two-year-olds—Escher & Ryan, Irwin, Ia., on Angus.
Yearlings—Escher & Ryan, Irwin, Ia., on Angus.
Grand champion carload—Yearling Angus; Escher & Ryan.

SWINE

Single Barrows.

Berkshires—Iowana Farms, Davenport, Ia.
Poland China—Francis & Son, New Lenox, Ill.
Duroc-Jersey—Thomas Johnson, Columbus, Ohio.
Chester White—F. E. Bone, Ava, Ill.
Hampshire—Sylvester Essig, Tipton, Ind.
Grade and crossbred—Grade Berkshire; Hibbard & Baldwin, Bennington, Mich.
Grand champion barrow of the show—Francis & Son, on purebred Poland China.

Pen of Three Barrows.

Berkshire—Iowana Farms.
Poland China—Francis & Son.
Duroc-Jersey—Thomas Johnson.
Chester White—F. E. Bone.
Hampshire—C. A. Brook, Washington, Ia.
Grades and crosses—Chas. Richert, Sublette, Ill.
Grand champion pen—Francis & Son, on Poland Chinas.

Carlots.

Over 350 pounds—E. D. King, Burlington, Kan.; Berkshires.
250-350 pounds—E. D. King, Burlington, Kan.; Berkshires.
200-250 pounds—M. Myers, Elwood, Ind.; Hampshires.
150-200 pounds—A. R. Hamilton, Augusta, Ill.; Poland China-Berkshire.
Grand champion load—E. D. King, on load averaging 428 pounds.

SHEEP

Shropshire—Yearling; J. & D. J. Campbell, Woodville, Ont.
Hampshire—Lamb; R. J. Stone, Stonington, Ont.
Southdown—Yearling; University of Wisconsin, Madison, Wis.
Lincoln—Yearling; H. M. Lee, Highgate, Ont.
Cotswold—Yearling; J. D. Brien, Ridgetown, Ont.
Dorset—Lamb; W. H. Miner, Chazy, N. Y.
Oxford—Yearling; R. J. Stone, Stonington, Ill.
Leicester—Yearling; J. W. Parnell, Wingate, Ind.
Leicester—Yearling; John Kelley, Shakespear, Ont.
Cheviot—Yearling; J. W. Parnell, Wingate, Ind.
Ramboulette—Yearling; University of Wisconsin.
Grade and crossbreds—Yearling, Shropshire grade; Campbell.
Grand champion wether of the show—Grade Shropshire yearling; Campbell.
Grand champion carload—Grade Shropshire lambs; Knollin & Finch, Soda Springs, Idaho.

CARCASS CONTEST

Champion steer—University of Minnesota, on 2-year-old Angus.
Champion barrow—Ira E. Bryan, Princeton, Ill., on Poland China weighing 300 pounds, live weight.
Champion wether—University of Wisconsin, on yearling Southdown.

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GAME cockerels and pullets for sale. \$1.00 each. D. P. Metcalf, Elk City, Kan.

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Health and Eggs in Winter

[Prize Letter.]

I do not believe in forcing egg production, especially with hens that are to be used for breeders, but the following treatment has given me good results with regard to eggs and health.

-My chickens are given all the warm sweet milk they will drink in the mornings. I give them warm water after-noon and night. The hen house is well littered with wheat straw and the hens are allowed to scratch around the cow-pea hay and millet stacks and gather a great deal of their feed.

For green stuff in the fall they are allowed to run on alfalfa and rye patches. But when freezing weather comes they are given stock beets in their houses. They like these very much and a 10 or 12-pound beet lasts but a short time.

Before going to roost on cold days a pan of parched corn is fed and a warm mash is good for the hens when they come from the roost in the morning. For these mashes I use the small potatoes, squash, cabbage trimmings and table scraps well cooked and thickened with shorts or chop or even corn, and seasoned with salt and pepper.

The hen house is just a plain board affair, covered inside with tar paper. An open space on the south is screened. In bad weather it is also covered with burlap. The roosts are 2 by 4's which are easily cleaned.

The hens have sand, oyster shell and crystal grit at all times. A pan of corn scorched black in the oven seems to aid in keeping them healthy if fed occasionally. Our wood ashes are emptied where they can pick out all the little pieces of charcoal. Permanganate of potash is put into the drinking water every day or two, especially in the summer. The drinking fountains are hollowed out of stone. These are scalded frequently or scrubbed with a good disinfectant.

About the only hens I lose are the ones that lay themselves to death. When a hen's laying organs get out of order it is because she has either laid too many eggs or because there was something lacking in the feed.

Mrs. Harlon B. Winter.
Mankato, Kan.

Never Failing Water Supply

[Prize Letter.]

Mr. Editor—Because the greater part of an egg is made up of water, there should be plenty of it in reach of the layers at all times. I have a small barrel of water on an old chair. A ¼-inch pipe, bent at right angles, is inserted in a hole at the bottom, the lower end being placed in the drinking pan touching the bottom. The water will run into the pan until it rises above the pipe opening but will not overflow. A cake tin makes a very good water pan.

Gilbert Roycroft.
R. 1, Chippewa Falls, Wis.

[Mr. Roycroft failed to mention that to make this fountain work properly, the keg and connections must be perfectly airtight.—Ed.]

Poultry Show Calendar

SEND IN YOUR DATES.

KANSAS.

Caldwell, December 22-27—Secretary, J. F. Ryland.
Bellaire, December 29-31—Secretary, O. T. Vinsonhale.
Manhattan, December 29-31—Secretary, N. L. Harris; judge, John C. Snyder.
Atchison, December 29-January 3—Secretary, G. W. Tinsley; judge, R. V. Hicks.
Smith Center, December 31-January 3—Secretary, O. T. Vinsonhale, Bellaire, Kan.; judge, John C. Snyder.
Independence, January 5-10—Secretary, L. H. Wible, Chanute; judges, Rhodes, Snyder, Hicks, McClaskey, and Seylor.
Wehita, January 12-17—Asst. secretary, Mrs. H. J. Freeman; judges, Thompson and Campbell.
Leavenworth, January 20-23—Secretary, C. M. Swan; judge, F. H. Shellabarger.

OKLAHOMA.

Shattuck, December 22-26—Secretary, Tack Norfleet; judge, John C. Snyder.
Enid, January 26-31—Secretary, I. W. Sherich; judges, Rhodes and Emry.

If you need anything not advertised in this issue of Farmers Mail and Breeze, write us and we'll tell you where you can get it.

Will Big Leghorns Lay as Well

Lessons Learned at the Mail and Breeze Poultry Farm

BY REESE V. HICKS, Director of Experiments

WITH eggs constantly increasing in price and a shortage every year, of strictly first class eggs, the greatest demand is for an egg producer. It is pleasing to breed for a pretty fowl, but it is practical results in eggs or meat, that really count.

Recently, the writer heard Prof. J. E. Rice, of Cornell university, say that he considered the development and general utility of the White Leghorn a marvel for egg production. Out of the hundreds of egg farms to be found, East and West, - the most successful use the Single Comb White Leghorn. This is not a disparagement of any other variety but simply indicates how this neat, trim, easily bred-to-color, small-eater and prolific egg-producer has crowded out all other varieties when it comes to supplying eggs for market. This popularity has not been obtained on looks alone, because to the eyes of the lover of beauty and color, both its brown and buff cousins are more attractive than the White Leghorn.

Proposed New Weights for Leghorns.

The result of the proposed new standard of weight for Leghorns will be watched with interest. The required weights are 5½ pounds for a cock, 4½ for a cockerel, 4¼ for a hen and 3½ for a pullet. Also the new standard is to call for a tail carriage slightly lower than the present requirements. There is some fear the increase in weight will result in a coarse Minorca-like fowl rather than a trim, neat, active, alert small-eater yet heavy egg-producer. Some breeders declare the big coarse Leghorns will lay more eggs but if they require much more of a feed ration, the profit will not be as large as from the hen which eats less but lays nearly as many eggs.

This rapid increase of the White Leghorn, on the egg farms has brought about a big increase in the number of White Leghorns that are being shown. In many shows the White Leghorns are the leading class. This is especially true in the East, where eggs are bringing better prices and more egg farms are to be found each year.

Chickenpox Common This Fall

HOW TO TREAT IT.

A disease common this fall in many flocks, is chickenpox. So far, it has not appeared at the Mail and Breeze Poultry Experimental Farm but neighboring flocks have it. A small pox or boil comes on the face, wattles, earlobes and even in the eyes and throat. While the disease is serious and debilitates the flock, unless it gets into the eyes or throat, it is not usually fatal.

Chickenpox is very contagious and goes through an entire flock when it gets started. It may be treated by simply disinfecting the drinking water with permanganate of potassium as given for colds, and dipping the heads into a strong solution of the permanganate. Another remedy is to grease the afflicted parts with vaseline mixed with sulphur and some strong disinfectant. The sores may be touched with hydrogen peroxide and then the entire face greased with carbolated vaseline. When the chickenpox affects the throat and eyes so the fowls are unable to eat, it is usually a waste of time to doctor them.

Use a Brooder House All Year

THEN YOU CAN HAVE ONE.

Generally one of the chief objections to spending from \$150 to \$300 on building a brooder house is that these houses are only used three months in the year. No doubt this keeps many

poultry raisers from building a brooder house.

At the Mail and Breeze Poultry Experimental Farm, this year, the brooder house has been used continually since it was finished last March, and is still occupied by the young flock. The hovers under which the chicks were raised have been removed.



Crescent Type of Leghorn.

In their places three rows of roosts, made of 2 by 2's, have been mounted on temporary supports in the center of the house. These supports and roosts may readily be removed in the spring when the house is needed for brooding.

More than 170 growing youngsters have been kept in this brooding house all fall. In size the house is 12 by 30 feet. This flock is being culled constantly as defects develop. About February 1, the pullets will be used in mating pens, or else put in laying or colony houses, the cockerels having been disposed of in the meantime. As no young chicks will be put in the brooder house before the middle of February, there will be an opportunity to thoroughly disinfect it and prevent carrying over disease or vermin from one flock to another. This is the one valid objection to using a brooder house for old and young stock.

As chicks in the brooder house all want to roost on the partition, in runways and all over the building, it requires some patience and many transfers to roosts to break them of it.

Do You File Your Farm Paper?

GET A BINDER.

Do you remember the story about sweet clover at Garden City, printed in The Farmers Mail and Breeze for October 18? That story covered the growing of this crop in Kansas, but more letters have been received about sweet clover from the readers of the paper since the story was printed than before. There has not been a day since that paper was mailed that the editorial staff has not received letters asking questions about the crop that were fully covered in the story. The same is true of the kafir questions; letters are received every day asking for information that was given on page 6 of The Farmers Mail and Breeze for November 15.

A file of a year's copies of The Farmers Mail and Breeze gives the history of Kansas agriculture for that year. It gives information about farming in this state that can be obtained in no other way. Many letters have been received from subscribers asking that a binder be provided, so that copies of the paper could be saved. This binder now is ready, and for the purpose of making the information in past issues more available, a story will be printed from time to time calling attention to the leading articles.

One of the timely stories printed recently was by Joe S. Wade, of Wellington, Kan., on page 3 of the issue for November 8 on "Tools for the Farm Workshop." Most of the repairing is done on a farm in the winter, or it should be, and Mr. Wade's story presents facts that will help with the mechanical work on every Kansas farm. Much information along the same line is given in the "Handy Farm Devices" page that is used in the paper every little while. In the issue of November 22, on page 17, the Reel Cart for Barb Wire and the Wagon Jack have caused considerable favorable comment.

One of the most disputed points among hog raisers is just what protein feed should be used. Turner Wright, the livestock editor, gives some facts about tankage on page 3 of The Farmers Mail and Breeze for November 15 that you should read. The results he gives were worked out on real hogs,

and they have caused considerable surprise to the hog men of Kansas, even to those who had fed a great deal of tankage. Mr. Wright's story about brood sows on page 18 of the issue for November 8 and the one about fall pigs on page 14 of the number for November 29 also are worth considerable study.

There is a big interest in co-operation in Kansas just now, which has been generated largely by the increasing cost of things farmers have to buy and the low crop yields for 1913. Co-operation is a success in the state, too. If you do not believe that, read the story by A. G. Kittell on page 3 of The Farmers Mail and Breeze for October 4. That story tells of the very successful co-operative enterprises at Olathe. You believe that is just a single example, and that co-operation will not work in other parts of Kansas? Well, if this is so, see page 22 of the issue for last week, page 8 for November 15 and page 17 for November 8.

The greatest and most fundamental problem of farming is the management of the soils, and that is why the story of how O. A. Rhoads is growing alfalfa on hardpan land formed from shale, which is told by F. B. Nichols on page 3 of the paper for last week is especially valuable. Soils copy is one of the leading features of The Farmers Mail and Breeze; for proof of this see page 25 of the same issue, page 6 for November 29, page 3 for November 22, page 19 for November 8 and the deep tillage story by W. M. Jardine on page 3 for October 11.

Lee H. Gould gives a few fundamental facts about farming in western Kansas on page 7 for November 8 and there is another story along the same line in the issue of November 1, on page 3. Robert Knox Pierson tells of the irrigation from the underflow near Wichita in the issue for November 29, on page 8.

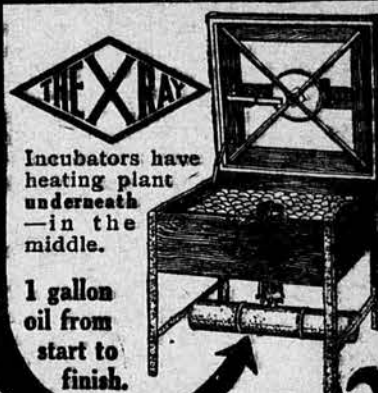
And so the stories run. A year's file of The Farmers Mail and Breeze gives the information which has become available on the problems of Kansas farm life in that time.

The greatest chasm between the producer and the consumer is the mud hole.

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Notice to Subscribers!

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Thousands of our subscribers keep complete files of the Farmers Mail and Breeze. They have found it impossible to absorb all the good things in any one issue at one reading, and they also find valuable ideas and suggestions in every issue which they desire to preserve for future use. We have had requests from so many of our subscribers for suggestions on how to bind the Farmers Mail and Breeze in book form in some inexpensive and yet substantial way that we have had manufactured on our special order a Mail and Breeze Binder which we feel sure will meet every need.

The illustration herewith will give you a pretty fair idea of this new Binder. It carries the name of the paper printed in large letters on the outside front cover. It has a stout cloth back and heavy tape board sides. It will hold 25 issues of the Mail and Breeze. The papers can be put into the binder from week to week as they are received, and thus kept clean and in perfect condition. By using this binder your papers will never be mislaid and you can always find any issue the moment it is wanted. When the 25 issues have been placed in one of these binders you will have a neat and substantially bound book which we believe you will consider worth a great many dollars.

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Feed Damaged By Rains

Another Boost for Silos—The Week's Crop News

By Our Crop Correspondents

THE damage done by the two weeks of wet weather, to feed left in the open, is greater than was at first believed. This loss will be keenly felt this winter as the supply was short enough to begin with. Hay in well made stacks has not suffered much but corn, cane and kafir fodder was practically soaked through to the ground.

Here again the value of the silo stands out. Whether the season is drouthy, or wet, or just normal, you can't beat the silo as a feed saver. That it has an established place in modern farming has never been so well demonstrated as this year. And its usefulness and convenience for winter feeding

To Correspondents

A reader has made the suggestion that all crop correspondents name, at the bottom of their reports, any product of which their county or locality has a surplus or a shortage. We ask every correspondent to act upon this suggestion. The information thus obtained will be mutually helpful to farmers everywhere as it will lead the way to, and simplify, co-operative buying and selling.

have not yet been put to the test this season.

Losses of stock on wheat fields have recently been reported from several portions of the state. Fatalities of both cattle and horses have occurred. In the case of the former, bloat has been the most common cause but the trouble with horses is more difficult to determine. B. H. Gear of Kiowa county believes the sand eaten with the wheat is responsible, which is entirely plausible.

Wheat is growing so rank in Tillman county, Oklahoma, according to E. T. Austin, that some farmers are thinking of cutting it to prevent damage from freezing.

KANSAS.

Wyandotte County—Ground well soaked. Springs and streams running again. Weather mild. Pastures good. Wheat and rye extra good.—G. F. Espenlaub, Dec. 12.

Washington County—Cloudy and rainy weather for two weeks and ground is thoroughly soaked. Too wet for pasture. Wheat looks fine. Wet weather hard on corn fodder.—Mrs. Birdsey, Dec. 12.

Nemaha County—Rain has saturated the subsoil and supplied an abundance of stock water. Most fat hogs shipped out. Not many cattle on feed. Milk cows selling high. Corn 76c; oats 45c.—C. W. Ridgway, Dec. 11.

Scott County—Rain and snow for nine days ending December 6. Fine weather for wheat. Stock doing well on grass. Fat hogs scarce. Most of the cattle shipped out. Feeding has not begun yet.—J. M. Helfrick, Dec. 13.

Grant County—Have had a week of rain and it is still raining. County is thoroughly soaked. Wheat prospects fine for this time of year. Threshing about all done. Milo 55c; butter fat 26c; eggs 30c.—J. L. Hipple, Dec. 6.

Pottawatomie County—Have had a steady east wind for six days, accompanied by rain. Ground thoroughly soaked. Grass of all kinds growing nicely. Stock removed from fields on account of mud.—S. L. Knapp, Dec. 6.

Ford County—Fine weather but very muddy. Wheat fields can only be pastured in the mornings when the ground is frozen. A few losses of cattle from wheat bloat. Some butchering done.—John Zurbuchen, Dec. 13.

Cheyenne County—Had rain from December 1 to 5 when it began snowing. About 8 inches of snow fell. It is not very cold so the weather is not hard on stock. Wind drifted the snow quite badly.—Mrs. J. S. DeLong, Dec. 9.

Sherman County—Weather fine since the rainy spell. Very little forage has been fed and I think there will be plenty. Cows \$50 and \$60; heifer calves \$25 and \$30; horses \$40 to \$125; butter fat 28c; eggs 35c.—James B. Moore, Dec. 15.

Republic County—About 8 inches of rain and ground is thoroughly soaked. Wheat looking fine. No damage from fly so far. Roads in bad shape. Number of public sales being held and everything sells well.—E. Erickson, Dec. 13.

Kiowa County—Five inches of rain last week. Weather clear and freezing at present. Horses dying from eating wheat with sand on it in the fields. Wheat looking fine. Corn 78c; wheat 78c; eggs 30c; butter 25c.—B. H. Gear, Dec. 8.

Rooks County—Fine weather since the nine days rain. Soil thoroughly saturated with moisture. Wheat made extra fine growth. Stock doing well. Hogs getting scarce. Hogs \$6.50; eggs 30c; butter 25c.—C. O. Thomas, Dec. 12.

Morris County—The 10 days of rain and fog badly damaged all the feed in the county except alfalfa and silage. Feed question very serious and unless the winter is very favorable, much more feed will have to be shipped in or the stock will suffer. Numerous public sales with everything bringing

good prices especially milk cows. Colorado alfalfa retails at \$18 ton; home grown prairie hay \$14 but is very poor. Corn 80c; oats 47c; molasses feed \$30.—J. R. Henry, Dec. 13.

Crawford County—Weather fine since the two weeks of rain. Ground too wet for plowing. Wheat looks fine but ground is too wet for pasture. Stock doing well. Feed badly damaged by recent rains. Corn 80c; eggs 26c; butter fat 31c; turkeys 16c to 17c.—H. F. Painter, Dec. 13.

Marion County—Spring weather in November and December. Alfalfa still green. Fall seeding of alfalfa looks fine. Have had 4½ inches of rain since November 27. Some plowing done. Very few sales. Not much demand for horses. Potatoes \$1 to \$1.25; cane seed \$1.50.—Jac. H. Dyck, Dec. 5.

Morton County—Had six days of rain and then a light snow on December fifth. Weather very warm. Wheat growing fine and taking advantage of the favorable weather. Stockmen are fairly well prepared for an ordinary winter. Much hauling being done from the new road.—Mrs. M. McGee, Dec. 5.

Bourbon County—Unusually warm weather for December continues and is accompanied by heavy rains. Fodder spoiling badly in shock. Volunteer oats still making good pasture. A good many public sales reported with cattle leading in demand at high prices. Much grain being shipped in.—Jay Judah, Dec. 5.

Miami County—Weather cloudy most of the time for the last three weeks and have had an old fashioned steady rain for the last two days. Plenty of stock water now. Everything looking green. Volunteer oats still growing and making good pasture. Some garden sals. Cabbage still heading. Stock doing well.—L. T. Spellman, Dec. 6.

Dickinson County—Clear weather this morning for the first time in a week. Ground frozen hard this morning. Wheat had been doing well until now. Stock had to be kept off the wheat last week. With fodder and straw wet and yards muddy, stock has not been doing so well. Wheat and corn 79c; oats 60c.—F. M. Lorson, Dec. 7.

Montgomery County—Very rainy weather the last two weeks. Too wet to plow ground or turn stock on wheat. Much road work being done this fall. Some public sales. Cows sell at \$60 and up; alfalfa hay about \$15; oats 80c; cotton seed meal \$1.60; wheat 86c; eggs 30c; butter 25c to 30c; hens 9c and 10c.—J. W. Elkenberry, Dec. 6.

Sheridan County—Six inches of rain the first half of December. The condition of wheat is about 95 per cent of perfect and the croakers are dead. Plenty of feed and all livestock doing well. No stock changing hands. Corn being shipped in at 82 cents. Barley on local market 60 cents. Butter fat 32c; eggs 22c.—R. E. Patterson, Dec. 13.

Sumner County—An abundance of rain this week. Fields so wet that stock have to be taken off for a while. Grass green as in summer. Wheat, alfalfa and volunteer oats growing rapidly this wet warm weather. Wheat 79c; corn 75½c; oats 46c; eggs 40c; butter 20c; butter fat 28c; hogs \$7.20; spring chickens 11c; hens 10c.—E. L. Stocking, Dec. 6.

Russell County—Warm, rainy weather the last 10 days and it is raining yet. Wheat made a big growth the last two weeks. No stock on pasture on account of mud. Straw being fed in most cases and it does not seem to work very well as it is making some horses sick. Wheat 78c; corn 79c; butter 25c; eggs 30c.—Mrs. Fred Clausen, Dec. 6.

Meade County—Four inches of rain from November 28 to December 4, and ground is thoroughly soaked. Ground too wet to pasture wheat but freezes every night. Corn higher than wheat and meal higher than flour. Flour \$2.50; meal \$3; oats 48c; bran \$1.30; alfalfa hay \$13; potatoes \$1; eggs 30c; hens 8½c; turkeys 13c; butter fat 25c.—W. A. Harvey, Dec. 12.

Shawnee County—Plenty of moisture. Wheat looking fine generally but flies have damaged some of it. Pastures green. Stock doing well. Corn all husked. Not enough corn to feed but there are several thousand bushels that will be sold for seed. Some fat cattle are being shipped. Potatoes \$1.05; apples \$1 bushel; butter 25c; eggs 34c; hay \$12 and up.—J. P. Ross, Dec. 6.

Pottawatomie County—Foggy, rainy weather for 10 days and ground is thoroughly soaked. Wheat looks promising and is making good pasture. Stock cattle and colts doing well on pasture. Not many hogs and steers being fed. Hog cholera reported in places. Corn 80c; oats 50c; prairie hay \$12 to \$15; fat hogs \$7.25; milk cows \$15 to \$65; butter 25 to 30c.—W. H. Washburn, Dec. 12.

Phillips County—Best rain in five years from November 29 to December 6. Ground is thoroughly soaked. Wheat prospect the best for years. Volunteer wheat making fair pasture. Alfalfa fields look fresh and green. Cattle selling high at sales. Milk cows \$50 to \$80. Eggs 32c; butter 20c; cream 27c; corn 80c; oats 48c; wheat 76c; hogs \$6.80 to \$6.90.—N. E. Schneider, Dec. 13.

Rush County—More than 5 inches of rain the last week which is all going into the ground. Weather warm and wheat never looked finer. Soil thoroughly soaked and with a few good showers in May and June we are sure of a big crop in this county. Stock doing exceptionally well on wheat pasture. Roads almost impassable and farmers cannot get into the fields to haul feed.—J. F. Smith, Dec. 6.

Osage County—Clear and warm again. Much fodder wasted by recent wet weather. Wheat shows 90 per cent condition. Late sown alfalfa doing well. No corn shipped from this point. Stock selling lower at sales than last year with the exception of fresh cows. Fat stuff scarce. Cattle on bluegrass. A car load of kafir seed has been ordered from South Africa and will be on sale at this point in the near future.—H. L. Ferris, Dec. 13.

Butler County—The two weeks of cloudy and rainy weather ended December 7th with sunshine and cooler weather. Feed wheat in abundance and condition and furnish abundant pasture until the ground got too soft. Farm-pasture shipping grain and hay. Fodder spoiling badly in the shock. No fat hogs or cattle worth mentioning in comparison with

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other years. Eggs a thing of the past. Corn 80c; oats 45c; hay \$16 to \$18; hens 10c; butter 25c.—M. A. Harper, Dec. 10.

OKLAHOMA.

Custer County—About 15 inches of rain since August 31. Wheat making the most pasture of any fall for eight years. Many public sales and all kinds of livestock sell at fancy prices, except horses. No silage fed yet. Many hogs being shipped to market. Eggs 30c; hens 8c; turkeys 12c.—E. E. Baker, Dec. 13.

Pottawatomie County—Plenty of rain. Wheat and alfalfa looking fine. Corn and cotton about all in. Stock looks good. Hog killing in progress. Several silos built this fall. Eggs 35c; sweet potatoes \$1; Irish potatoes \$1.20; butter 25c; corn 75c.—L. J. Devore, Dec. 11.

Tillman County—Have had rain and frost lately. Wheat making such a heavy growth that some farmers are talking about cutting it to prevent freezing. Not much real cold weather yet. Some farmers butchered stock last week. Several sales and stuff sells good. Some sod breaking being done. Hogs \$6.75.—E. T. Austin, Dec. 13.

Garfield County—Weather cool and fair. Wheat growing fast and there is not enough cattle to keep it down. Some stock dying of various diseases, but is in good condition on the average. Road and bridge work in progress. Some fall plowing being done. Fall sown alfalfa in good condition. Eggs 35c; butter 25c.—Jac. A. Voth, Dec. 11.

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C. B. Fields, from Waubesaunsee county, who has been in the cattle business many years, predicts that prime beef cattle will be the highest next spring that was ever known. He attributes this to the fact that feed is so high that the farmers are afraid to buy cattle to feed this winter.

"Prime beef cattle will be worth between 10 and 10½ cents next spring," said Mr. Fields. "This prediction is based on the fact that there will be a scarcity of good beef stuff owing to the high price of feed, which prevents the farmers from feeding good cattle during the winter."

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Keeping Tab on the Cows

What a Testing Association Is Doing for Dickinson County

BY C. G. WELLINGTON
Abilene, Kansas

THE amount of milk produced in Dickinson county, Kansas, can be doubled in 10 years, according to O. E. Reed of the Kansas Agricultural college. The farmers of this county have an association, organized about two years ago, for the purpose of keeping a monthly record on their herds. This organization is known as the Dickinson County Pioneer Testing association. It met, the other day, to reorganize for another year's work, and when someone unguardedly suggested that the work be dropped, there were 26 emphatic "noes" from as many members.

"I believe," said Mr. Reed, "that in 10 years, if this association is continued, it will be the means of doubling the milk production of the county." And the members of the organization agreed

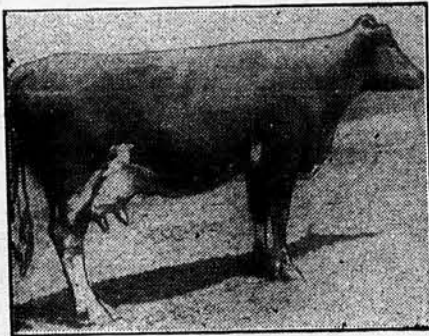


This 4-year-old, grade Holstein produced 78.96 pounds of butter in 30 days, and 335.21 pounds in six months. She is owned by A. B. Wilcox of the Pioneer Cow Testing association.

with him. At the present time 365 cows are tested every month, the name and breed and the number of pounds of milk, the number of pounds of butterfat, and the per cent of butterfat produced are all recorded. The number of cows tested will soon be increased to 500.

Every member of the organization pays \$1 a year for every cow tested. There is a herd book, sent out by the U. S. Department of Agriculture, on every farm included in this association. The records are kept in this book. Twenty-six members, one for each working day in the month, keep the tester at their homes while he is making his rounds, and see that he gets to the next place on time. The official tester, Ralph May, was formerly a student at the Kansas Agricultural college.

From the records thus obtained, every farmer knows just what every cow in his herd is doing. If there are "star



A 4-year-old, grade Holstein belonging to A. B. Wilcox. Her record is 115.21 pounds of butter in 30 days, and 591.28 pounds in eight months.

boarders" on the place they are soon found out and disposed of. If knows which cows are the best producers, and when he wishes to sell a heifer, or bull, he can point to the records of the mother and make that a basis of the sale price. When a buyer comes along and offers \$70 to \$80, he can no longer get the pick of the herd, because the members of this association know which animals are the money makers. Just what the sires of the herd are worth can be learned, too, and that is mighty important to the man who makes dairying a business.

When the association talked of reorganizing, the members got together and had a testimonial meeting. One man stated that when he saw in actual records just what his herd was doing, he sold off all the cows he owned. He had been boarding these cows for years and

would have learned of their imposing on him in no other way than by testing.

Another man, before the association was organized, had two bulls in his herd and wished to sell one. He decided that the old bull he had used for years, would be the one he could spare best. So he sold him to a buyer in another state. Now that he has the records he has learned that the cows sired by the old bull are worth twice as much as butterfat and milk producers, as those sired by the animal he kept. It would have been worth thousands of dollars to him, this dairyman said, if he had known enough to keep the bull that went to enrich another state.

A. B. Wilcox knew that he had a good herd when he reluctantly joined the association. He did not, however, value any one cow much above another. So he did not know the exceptional merit of one animal in the herd until the records brought out the fact that his cow produced more pounds of butterfat in one month than did Maid Henry, the prize cow of the Kansas Agricultural college, in any month while she was making her year's record of 835 pounds of butterfat.

One man who considered himself a successful dairyman, had 11 cows in his herd when he joined the testing club. Before long he weeded out seven of the boarders and bought three good cows on the strength of testing records. Now his herd of seven cows is giving more milk than the 11 cows gave. He is also realizing a big saving in feed and work, and the saving in feed is considerable right now.

These are the reasons why the dairy farmers of Dickinson county do not intend to give up the association work. "I'll give twice as much as I did last year rather than see the work stop," said one man, when a new member expressed the opinion that he was afraid the farmers were "taking on too much book learning." Cries of "So will I" were heard all over the room, showing that the old members knew the worth of the tester's visits. They are enthusiastic now, while a year ago they were hard to convince. More cows were signed up in one hour at this meeting, for next year's testing, than in two weeks when the organization started, a year ago.

Cow testing associations are not new in this country, but none had been tried in Kansas until the U. S. Department of Agriculture sent I. H. Scribner, a dairy expert to the state to start the work. Mr. Scribner and Mr. Reed made a trip over the state to select a community that would try the plan. Out of five dairy centers visited, Dickinson county was chosen.

Dickinson county is one of the oldest dairying centers in middle West, and one of the most successful. These men started out to get acquainted with the dairymen in this county. They found them ready to discuss anything about dairying except the putting up of money to test cows and keep books. It wouldn't work, they said. The organizers met many discouragements, but they kept going out into the fields and stopped the plowing and other farm work while they told of their plan. Finally they got the needed number and the organization was formed. Ralph Cooley, a graduate of the Agricultural college, came out to do the testing. And Cooley, knowing the dairy business as he does, did some hard and efficient work in getting things started. Now the stability of the association is assured. If Dickinson county is able in 10 years to double its milk production, why not the rest of the state?

Good Start for Fall Calves

Mr. Editor—In raising calves I feed two or three quarts of new milk until the little fellows are 2 weeks old. Then I change the feed to half skimmilk and half fresh milk to which I add a little good stock food, being careful not to mix the fresh and skimmilk. I put oats and kafir where they can get it and they soon learn to eat. For scours I feed one or two raw eggs. B. M. Whiting, Kan.

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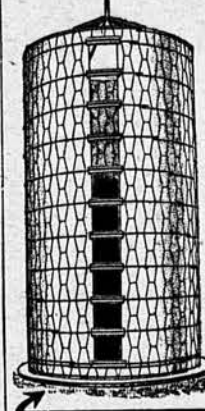
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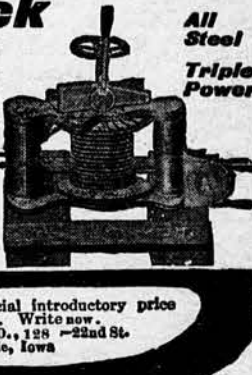


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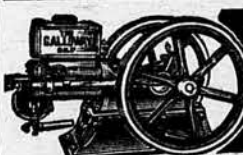
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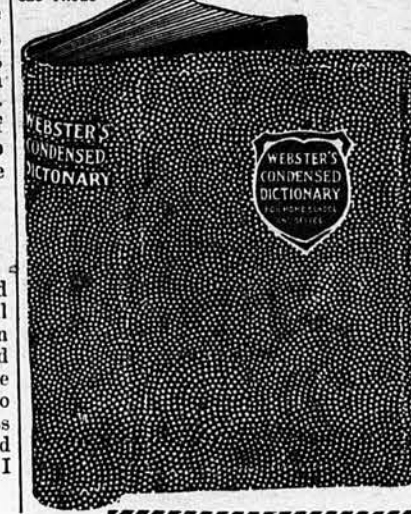
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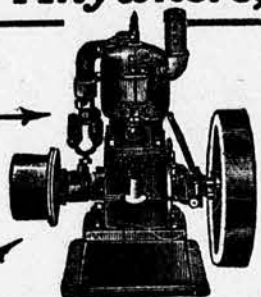
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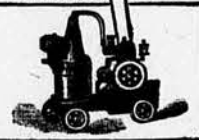
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The Story of Scrooge's Christmas

(Continued from Page 3.)

ubiquitous young Cratchits went to fetch the goose, with which they soon returned in high procession.

Such a bustle ensued that you might have thought a goose the rarest of all birds; a feathered phenomenon, to which a black swan was a matter of course, and in truth it was something very like it in that house. Mrs. Cratchit made the gravy (ready beforehand in a little saucepan) hissing hot; Master Peter mashed the potatoes with incredible vigor; Miss Belinda sweetened up the apple sauce; Martha dusted the hot plates; Bob took Tiny Tim beside him in a tiny corner by the table; the two young Cratchits set chairs for everybody, not forgetting themselves, and mounting guard upon their posts, crammed spoons into their mouths, lest they should shriek for goose before their turn came to be helped. At last the dishes were set on, and grace was said. It was succeeded by a breathless pause, as Mrs. Cratchit, looking slowly all along the carving knife, prepared to plunge it into the breast. But when she did, and when the long expected gush of stuffing issued forth, one murmur of delight arose all round the table, and even Tiny Tim, excited by the two young Cratchits, beat on the table with the handle of his knife, and feebly cried, Hurrah!

There never was such a goose. Bob said he didn't believe there ever was such a goose cooked. Its tenderness and flavor, size and cheapness, were the themes of general admiration. Eked out by apple sauce and mashed potatoes it was a sufficient dinner for the whole family. Everyone had had enough, and the youngest Cratchits in particular, were steeped in sage and onion to the eyebrows! But now, the plates being changed by Miss Belinda, Mrs. Cratchit left the room alone, too nervous to bear witnesses, to take the pudding up and bring it in.

Suppose it should not be done enough! Suppose it should break in turning out! Suppose somebody should have got over the wall of the back yard, and stolen it, while they were merry with the goose, a supposition at which the two young Cratchits became livid! All sorts of horrors were supposed.

Hallo! A great deal of steam! The pudding was out of the copper. A smell like a washing day! That was the cloth. A smell like an eating house and a pastry cook's next door to each other, with a laundress's next door to that! That was the pudding! In half a minute Mrs. Cratchit entered, flushed but smiling proudly, with the pudding, like a speckled cannon ball, hard and firm, and bedight with Christmas holly stuck into the top.

Oh, a wonderful pudding! Bob Cratchit said, and calmly too, that he regarded it as the greatest success achieved by Mrs. Cratchit since their marriage. Mrs. Cratchit said that, now the weight was off her mind, she would confess she had had her doubts about the quantity of flour. Everybody had something to say about it, but nobody said or thought it was at all a small pudding for a large family. It would have been flat heresy to do so.

At last the dinner was all done, the cloth was cleared, the hearth swept, and the fire made up. Apples and oranges were put upon the table, and a shovelful of chestnuts on the fire. Then all the Cratchit family drew round the hearth, in what Bob Cratchit called a circle, meaning half a one. Then Bob proposed:

"A Merry Christmas to us all, my dears. God bless us!"

Which all the family re-echoed. "God bless us every one!" said Tiny Tim, the last of all.

He sat very close to his father's side upon his little stool. Bob held his withered little hand in his, as if he loved the child, and wished to keep him by his side, and dreaded that he might be taken from him.

"Spirit," said Scrooge, with an interest he had never felt before, "tell me if Tiny Tim will live."

Remember, children, Scrooge and the Spirit were invisible while all this was going on.

"I see a vacant seat," replied the Spirit, "in the poor chimney corner, and a crutch without an owner, carefully preserved. If these shadows remain unaltered by the Future, the child will die."

"No, no," said Scrooge. "Oh, no, kind Spirit! Say he will be spared."

"If these shadows remain unaltered by the Future, none other of my race," returned the Spirit, "will find him here. What then? If he be like to die, he had better do it, and decrease the surplus population."

Scrooge hung his head to hear his own words quoted by the Spirit, and was overcome with penitence and grief.

"Man," said the Spirit, "if man you be in heart, not adamant, forbear that wicked cant until you have discovered what the surplus is, and where it is. Will you decide what men shall live, what men shall die? It may be, that in the sight of Heaven, you are more worthless and less fit to live than millions like this poor man's child. Oh God! to hear the insect on the leaf pronouncing on the too much life among his hungry brothers of the dust!"

Scrooge bent before the Spirit's rebuke, and, trembling, cast his eyes upon the ground. But he raised them speedily, on hearing his own name.

"Mr. Scrooge!" said Bob; "I'll give you Mr. Scrooge, the Founder of the Feast!"

"The Founder of the Feast indeed!" cried Mrs. Cratchit, reddening. "I wish I had him here. I'd give him a piece of my mind to feast upon, and I hope he'd have a good appetite for it."

"My dear," said Bob, "the children! Christmas Day."

"It should be Christmas Day, I am sure," said she, "on which one drinks the health of such an odious, stingy, hard, unfeeling man as Mr. Scrooge. You know he is, Robert! Nobody knows it better than you do, poor fellow!"

"My dear," was Bob's mild answer, "Christmas Day."

That was a lesson for Scrooge, a lesson he never forgot. But there were others—so many of them that we simply can't tell about them here, except to say that before the night was over old Scrooge had vowed to be a better man.

And he was better too. He had no more than entered his own home in the morning—Christmas morning—than he began to order things—turkeys and presents and money for the poor and—but land sakes, children, look at the clock! It's bed time and stocking time, and here's hoping you'll get just what you want this year. Here's hoping, and, as Tiny Tim said, "God bless us, every one."

The Mistake of Kansas

Dean Eugene Davenport of the Illinois College of Agriculture takes a shot at the single board of control system which Kansas is permitting to run her educational institutions. Dean Davenport declares that if the system is persisted in the prestige of the Kansas Agricultural college will wane, says the Drovers' Telegram editorially.

The Colorado News Notes, a publication of the Agricultural school at Fort Collins, in this connection mentions that the Manhattan school has lost 56 faculty members since last June, and 50 teachers have resigned from the state university at Lawrence in the same time. So far as the Kansas situation is concerned, it is hoped that these reports are grossly exaggerated. Still, if a lawyer doesn't know how to lay brick, and a carpenter isn't up in musical instruction, it is not likely that a man who is competent to control a literary college has well defined and practical ideas of how to run an agricultural school, because he doesn't know anything about agriculture.

The growth of the Manhattan school to the top of the heap was achieved through a separate board of control consisting of such men as Coburn. Why not return to the system before it is too late?

Here Is More Good Wheat.

Mr. Editor—In the Mail and Breeze of October 4 "W. B. E." of Hutchinson writes of some summer-fallowed wheat that made 47 bushels an acre. Here in the Gypsum valley we had a number of large fields that made 40 to 50 bushels. One field of 20 acres averaged 54 1/2 bushels. I had 60 acres that made 40 bushels. None of these fields were summer-fallowed but are cropped every year. We sow about 3 pecks of seed an acre which is plenty of seed. A. B. Gillum, Gypsum, Kan.

Cattle to Go Up in 60 Days

Rise Expected in Period Between Fed and Grass-Fat Stock

BY C. W. METSKER

Market Editor of the Farmers Mail and Breeze

MANY traders are placing late February to July, the period between the close of the fed cattle season and the beginning of grass-fat marketing, as a time of rising values in cattle. August, they declare, will see record breaking prices for prime heavy beefs. The greatest change expected in the market the next few weeks is a better demand for heavy beefs. They have been discriminated against during the entire feeding season, the scarcity of corn is against long feeding, and a beef shortage is due at a later date. Last week was the period of specialties at river markets, the preceding week in Chicago was the same sort. Killers gathered their Christmas beef then and from now on it is not likely that much primeness will show in offerings. The Chicago supply was gathered at \$8.50 to \$13.25, the show there two weeks ago netting the high priced kind and last week nothing sold above \$9.50. At river market sales were reported last week at \$9 to \$10 the light weight beefs alone showing above \$9. Extreme heavy steers, some of them weighing more than 1800 pounds, brought even money. Killers got many good beefs under \$8.75, so that Christmas beef this year is on a decidedly lower basis. A year ago heavy beefs were the leaders at a big margin but this year the light weight classes showed a big premium. The change is attributed to popular demand now calling for light cuts of beef due to weather conditions. The period following Christmas buying at high prices, is usually followed by a marketing of plain cattle, and a season of low range in prices. The lower range in prices is often attributed directly to the difference in quality. Iowa, Eastern Missouri and Illinois are in a marketing humor, and Chicago is expecting fairly large supplies of fed steers until after the first of the year.

Continue Canner Trade.

In preceding years packers have quit buying "canning" cattle with the advent of the winter season, but this year December prices show them to be in better demand than ever before. Sales last week were at \$4.35 to \$4.55 but more at \$4.50 to \$4.80 than any other prices. Several big cow outfits in the Southwest sold "hatracks", the commonest old cows in their herds at \$4.50 and \$4.75, and in the East packers chased dairy cows as never before. The reason for such a demand is that canned meats in store are far below normal for this season of the year, and future receipts will allow no upbuilding of stocks.

Calf Vealing Proceeds.

Killars are paying \$9 to \$12 a hundred pounds for veal calves. As high as \$11 was paid at river markets for 140 to 225-pound grades, and up to \$12 in Chicago. Killers say at these prices light weight, fat calves are in supply below urgent demand. Housewives have made this class of meat necessary to their needs, but thereby are reducing the future supply of beef. Many farmers are selling calves as it is a source of ready cash.

Narrow Trade in Stock Cattle.

Few thin cattle are moving. The open weather has operated as a stay against selling desire and the small supply to some extent has checked demand. From Kansas City in the past few days only about 2,500 stockers and feeders have been sent daily compared with about three times that number each day in October and November. The inability of heavy finished cattle to make better prices has kept speculation in heavy feeders at low ebb. The states with surplus corn have bought about all the cattle they can handle and unless the fat cattle market shows a better tendency there will be little January inquiry for feeders. The approach of the grass season will stimulate the early March trade. Wheat fields are still supplying feed for a large number of cattle that will be turned on grass in the spring.

Better Tone in Hog Market.

The hog market appears to be gathering force for a general advance. An upturn of any consequence is not probable for the remaining weeks of this year but the market may effect a considerable advance early in January. Last week with receipts of hogs at the five Western markets about 450,000, the largest since last spring, prices showed a higher range, and more stability than in more than a month past. The 8-cent quotation was returned in Chicago, and the general list sold above \$7.50, making \$7 a fair price at country shipping points. The movement to some degree has been stimulated by selling for needed Christmas money. The pressure from that source will be relieved in the next 10 days. Packers are trying to herd the market under 8 cents until the time when short supplies set in and then they can take repeated lay offs from buying, causing a wide movement in prices. January is usually a month of small price movements, and seldom changes materially from December levels. March prices however are materially affected by the amount of product gathered in January and February. Diminished weight is the item that makes all believe strongly in high, late winter prices.

Christmas Lambs at \$8.50.

The mutton trade did not eliminate Christmas thought from its demand. Some prime full fed lambs sold at \$8.25 to \$8.50, at the various markets last week,

and that level will be duplicated in the next few days. The general run of lambs was marked at \$7.75 to \$8.10, and were about 25 cents higher than in the preceding week. Yearling light weights made \$7, and wethers \$5.75. Most of the offerings have been in the short fed class and as the season advances will show improved quality. This in itself should attract higher prices. After the first of the year the movement from feed lots will be general, and continue to a final clearance. The most important supply sources for the river markets are the San Luis and Arkansas valleys in Colorado. These two sections combined have upward of about 1/2 million sheep and lambs on feed, which is about 20 per cent short of normal. Chicago will draw large supplies from the corn belt.

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	40,500	68,800	37,450
Chicago	67,700	221,000	149,500
Omaha	15,200	50,300	40,500
St. Louis	25,600	62,500	16,300
St. Joseph	7,900	63,300	5,500

Total	156,900	465,900	249,250
Preceding week	132,175	404,300	262,200
Year ago	182,300	418,100	249,900

The following table shows receipts of livestock in St. Joseph thus far this year compared with the same period in 1912:

	1913	1912	Inc.	Dec.
Cattle	431,095	476,138	45,043	
Hogs	1,737,180	1,898,286	161,106	
Sheep	775,208	713,755	61,453	
H. & M.	30,487	37,441	6,954	
Cars	44,221	47,452	3,231	

The following table shows receipts of cattle, hogs and sheep in St. Louis thus far this year compared with the same period in 1912:

	1913	1912	Inc.	Dec.
Cattle	1,055,396	1,139,447	84,051	
Hogs	2,406,222	2,388,882	17,340	
Sheep	906,864	1,013,331	107,467	
H. & M.	144,790	153,265	8,475	
Cars	73,900	76,697	2,797	

The following table shows the receipts of cattle, hogs and sheep in Kansas City thus far this year and the same period in 1912:

	1913	1912	Inc.	Dec.
Cattle	2,051,249	1,859,503	191,746	
Calves	181,349	197,203	15,854	
Hogs	2,425,645	2,421,342	4,303	
Sheep	1,999,905	2,074,137	74,232	
H. & M.	78,068	70,162	7,906	
Cars	121,821	117,024	4,797	

The following table shows receipts of cattle, hogs and sheep at each of the five western markets Monday, December 15, together with totals a week ago and a year ago:

	Cattle	Hogs	Sheep
Kansas City	17,000	13,000	9,000
Chicago	35,000	58,000	50,000
Omaha	5,400	6,700	15,000
St. Louis	6,500	16,000	3,200
St. Joseph	2,500	6,500	3,500

Total	66,400	102,200	80,700
Week ago	50,100	71,600	56,300
Year ago	74,300	67,300	91,000

The following table shows a comparison in prices on best offerings of livestock at Kansas City and Chicago for this date and one year ago:

	Cattle	Hogs	Sheep
1913	\$9.50	\$7.85	\$6.75
1912	\$10.30	\$7.45	\$6.65
Chicago	\$9.40	\$7.70	\$6.70
Kan. City	\$10.50	\$7.40	\$7.00

Fair Trade in Horses.

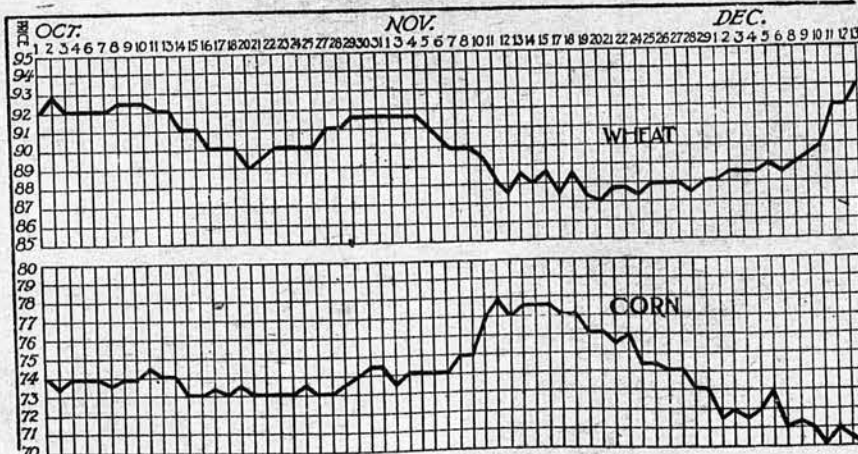
Though this is the dull season of the year for horses and mules a good many are selling and there is more than the usual demand. Southern buyers are inclined to pick out the good fat mules for cotton states, were effected last week for Missouri points at \$190 to \$210 a head. This demand seldom asserts itself until after the first of the year and is taken as an indication of a broad demand for January. Trade in extreme heavy mules is at a standstill and will continue so up to the close of the winter season.

Narrow Fluctuations in Grain.

The general course of grain prices this week was downward, though to some extent that tendency was interfered with

Small Receipts of Hay.

Receipts of hay this past week were the smallest of this season, falling short



This chart shows the daily fluctuations of the Kansas City wheat and corn markets since October 1, 1913. Highest cash prices on each grain were considered in making out the chart.

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2 H.P., \$39.45; 4 H.P., \$75.50; 6 H.P., \$99.35;
8 H.P., \$149.90; 11 H.P., \$218.90; 20 H.P., \$389.50.

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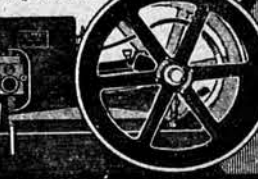
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WHOLESALE PRICE TO CONSUMERS—Combining best quality with low price. NO WATER IN MY KEROSENE OR GASOLINE.

XXX 46 gravity water white kerosene	\$6.00 for 52 gal. bbl.
XX 42 gravity kerosene (the kind usually sold)	\$5.25 for 52 gal. bbl.
XXX 64 gravity gasoline	\$10.00 for 52 gal. bbl.
1 case graphite axle grease (2 doz. 3 pound pails)	\$3.50
40 gravity prime white stove distillate	\$4.50 for 52 gal. bbl.
38 gravity stove distillate	\$4.25 for 52 gal. bbl.
60 gallon (26 gauge) galvanized steel tank with pump and hood	\$3.60
cover complete—a great convenience in every home	
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.	

C. A. STANNARD, BOX M, EMPORIA, KAN.

by spasmodic strength. The fluctuations amounted to less than 2 cents on wheat and but very little more on corn and less on oats. Chicago is anticipating a material increase in receipts of corn next month, but the anticipated irregularity in the sectional movement may result in corn that ordinarily went to Chicago being sent West through Omaha and Kansas City. Kansas, much of Oklahoma and Nebraska will have to buy corn from now on, though the mild weather has already delayed pressing needs in many localities. Wheat has no special incentive to show strength. The world's crop is one of the largest on record, and the United States is shut off from export sources by the relatively low prices elsewhere. Feed and flour demand seem to be the prominent outlets for this year's crop. Cooler weather stopped the jointing in fall sown wheat and the roots have been carried down deeply by the recent winter rains that fell over the entire winter wheat area. It is stated that if next year's harvest turns out on the basis of present condition and the full acreage is harvested, Kansas alone will produce 170 million bushels of wheat. The following comparison shows prices on best grades of wheat, corn and oats at Kansas City and Chicago for this date and one year ago:

	Wheat	Corn	Oats
1913	\$1.06	74 1/2	41 1/2
1912	\$1.06	74 1/2	41 1/2
Chicago	97 1/2 c	71	46 1/2
Kan. City	93 c	71	46 1/2

Kansas City Hay Quotations.

Prairie, choice	\$17.00 @ 17.50
Prairie, No. 1	15.50 @ 16.50
Prairie, No. 2	14.00 @ 15.00
Prairie, No. 3	10.00 @ 13.50
Timothy, choice	17.00 @ 17.50
Timothy, No. 1	16.00 @ 16.50
Timothy, No. 2	14.00 @ 15.50
Timothy, No. 3	11.50 @ 13.50
Clover mixed, choice	16.00
Clover mixed, No. 1	15.00 @ 15.50
Clover mixed, No. 2	14.25 @ 14.75
Clover, choice	15.00 @ 15.50
Clover, No. 1	14.00 @ 14.50
Alfalfa, fancy	18.00 @ 18.50
Alfalfa, choice	17.00 @ 17.50
Alfalfa, No. 1	15.50 @ 16.50
Standard	14.00 @ 15.00
Alfalfa, No. 2	12.50 @ 13.75
Alfalfa, No. 3	10.50 @ 12.50
Packing hay	6.00 @ 7.50
Straw	5.50 @ 6.00

Seed and Feed Prices.

Alfalfa is quoted at \$7.50 @ 9 a cwt.; clover, \$8.50 @ 11.50; timothy, \$3.75 @ 4.50 a cwt.; cane seed \$1.80 @ 2.20; millet seed, \$1.75 @ 2. Feed prices: Kafir is quoted at \$1.58 @ 1.62 a cwt.; bran, \$1.00 @ 1.02; shorts, \$1.19 @ 1.29; corn chop, \$1.32; rye, No. 2, \$1c a bushel; feed barley, \$3 @ 51c.

Broomcorn Market Quiet.

Broom makers are delaying buying until after the holidays and growers show no disposition to turn corn at lower prices to stimulate the trade. The few sales reported this week were at steady prices, showing a range of \$50 to \$140. Common, low grade corn is harder to move than the better quality. Demand is expected to improve early in January.

Butter, Eggs and Poultry.

Elgin, Dec. 15.—Butter this week is firm at 34 cents. Kansas City, Dec. 15.—Prices this week on produce are: Eggs—Firsts, new white wood cases included, 29c a dozen; seconds, 20c. Butter—Creamery, extra, 31c a pound; firsts, 28c; seconds, 27c; packing stock, 19c. Live Poultry—Broilers, 16c a pound; spring chickens, 13c; hens, No. 1, 12c; No. 2, 8c; young roosters, 11c; young turkeys and turkey hens, 17c; young ducks, 13c; geese, 10 @ 10 1/2 c.

Produce Prices Now and One Year Ago.

	Butter	Eggs	Hens
1913	35 1/2	33	13
1912	31 1/2	22	13
Chicago	35 1/2	33	13
Kan. City	31	29	12

The Best Farm Paper, He Thinks

Herewith find \$1 for renewal of the Mail and Breeze, the best farm paper that I have ever read, a paper that should be in the home of every up-to-date farmer in Missouri. Hope it may continue to be as good in the future as it has been in the past.

Cuba, Mo.

James A. Green.

The Mail and Breeze is valuable to a farmer. I have had a good deal of experience as a farmer so I know what I say.—A. Youngrost, Osage City, Kan.

I can't get along without the Mail and Breeze. It is the best farm paper I have ever seen.—U. M. Brison, Muskogee, Okla.

I like the Mail and Breeze very much. It is the best of its kind.—Orville Cole, Galena, Kan.

I consider the Mail and Breeze a very valuable paper.—E. E. Cornish, North McAlester, Okla.

I find the Mail and Breeze to be the most practical and helpful farm paper I ever read. It is worth far more than it costs.—M. G. Bishop, Roxbury, Kan.

FARMERS CLASSIFIED PAGE.

Advertisements will be inserted in this department for 5 cents per word each insertion for one, two, or three insertions. Four or more insertions only 4 cents per word each insertion. Cash must invariably accompany the order. Remit by postoffice money order. All advertisements set in uniform style. No display type or illustration admitted under this heading. Each number and initial letter counts as one word. Guaranteed circulation over 104,000 copies weekly. Everybody reads these little ads. Try a "Farmers Classified" ad for results.

WHY NOT ADVERTISE YOUR LIVESTOCK ON THIS PAGE?

If you have a few pigs, a young bull or a Jersey cow to sell, this is the place to find a buyer. The rate is only 5 cents a word per issue. If you need anything in the way of breeding stock, try a small ad on this page.

HORSES, CATTLE, HOGS, SHEEP.

DUROC PIGS \$15 pair. Serna Weeks, DeGrati, O.

HAMPSHIRE boar pigs for sale. R. T. Wright, Grantville, Kan.

STANDARD bred stallion cheap for cash. Bruce Saunders, Holton, Kan.

"GUERNSEY"—Registered bull calves, R. C. Krueger, Burlington, Kan.

MARCH Red Poll bulls; weigh 500 lbs. D. F. Van Buskirk, Blue Mound, Kan.

WANTED—A registered Percheron stallion. Weight about 1,850. Claude Farry, Bristol, Colo.

HOLSTEIN calves, either sex, beautifully marked, \$20.00 each, crated. Edgewood Farm, Whitewater, Wis.

FOR SALE—One thoroughbred Percheron stallion, 4 years old; 1 jack, 5 years old; 4 Jennets. W. M. Dick, Tecumseh, Kan., Route 15.

HIGH GRADE Holstein bull 6 months old \$35. A few heifers two to three weeks old \$15 each. Burr Oak Farm, Whitewater, Wis.

PURE BRED Durocs. 100 pigs 10 pounds to 25 pounds. Send for sample. You will order more. Coppins & Clemmer, Potwin, Kan.

FOR SALE—Jersey bulls sired by my 1,700 lb. Silverline Lorne and out of cows weighing 1,100 lbs. Chester Thomas, Waterville, Kan.

EIGHT big type registered Hereford bull calves ranging from 6 to 13 months old. Write or come and see. Paul E. Williams, Marion, Kan.

HOLSTEIN bull 6 mo. old, three-fourths white, straight. Out of high producing dam and pedigreed Wisconsin sire. \$35. Wiebe Brothers, Lehigh, Kan.

HOLSTEINS. Two choice high grade heifers and three cows, bred to fine registered bull, to freshen this winter. W. B. Van Horn, Overbrook, Kan.

FOR SALE—Registered Percheron stallion, coming 4 yr., steel gray, weighs ton; also registered gray mare, weighs eighteen hundred. A. C. Williams, Valley Falls, Kan.

FOR SALE—100 high grade Holstein cows. Mostly springers. Big, well marked, sound and young. About 60 head fancy yearling and two-year-old heifers. A. B. Caple, Box 27, Sta. "A," Toledo, Ohio.

DOGS.

FEMALE COLLIES, \$3.50 each. S. C. Gardner, La Harpe, Kan.

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

BLOODHOUNDS—Registered English. Kennedy's Kennels, Fredonia, Kan.

TWO trained wolf dogs for sale. Enclose stamp. Henry Hassman, Inman, Kan.

STAG HOUNDS guaranteed to catch and kill wolves. Bob Wood, Strong City, Kan.

FOR high class trail hounds and grey hounds send 2 cent stamp to Rash Bros., Centerville, Kan.

SABLE and **WHITE** Scotch collies, from registered heifers. Prices reasonable. Seth Ester, Burlington, Kan.

WANTED—Nice white Eskimo-Spitz puppies under eight weeks old. Brockways Kennels, Baldwin, Kan.

FOR SALE.

PEAFOWLS for sale. Mrs. W. Haywood, Lincoln, Kan.

FOR SALE—Hedge posts in car lots. H. W. Perth, Winfield, Kan.

PRAIRIE HAY, located Pryor, Oklahoma. John Langley, Emporia, Kan.

SALE—Good kerosene engine and six plows. Address B. Mail and Breeze.

BALED PRAIRIE and alfalfa hay. Alfalfa seed. Lyon County Farmers' Produce Ass'n. A. B. Hall, Mgr., Emporia, Kan.

ALFALFA HAY and seed from the great Platte valley. Choice seed \$7.50 per bu. Rosenberg Hdw. Co., Lexington, Neb.

GROCERY and meat market. Will sacrifice for cash. Trade for anything worth the money. Address Lock Box 71, Manhattan, Kan.

FRESH FROM MILL. 100 lbs. beautiful clean white table rice, freight prepaid to your station \$4.25. C. C. Cannan, 304-9 Scanlan Bldg., Houston, Texas.

FARM IMPLEMENTS—We are closing out a standard line of farm implements at less than wholesale prices. 14 inch steel beam walking plow with two shares \$12.00, sulky plows \$25.00, two section steel harrows \$8.75 freight prepaid to your nearest railroad station. Send name and address for complete descriptive price list. A. J. Baxter, Iola, Kan.

FOR SALE.

ALFALFA HAY in car lots. Write or wire for prices. Geo. R. Wilson, Lamar, Colo.

GROCERY—Stock and fixtures; part trade; discount for cash. Robt. Wright, Wichita, Kan.

FOR SALE OR EXCHANGE.

RESIDENCE in college town, for farm in north central Kansas. M. E. Tillman, Baldwin, Kan.

FOR SALE OR EXCHANGE, in northern Kansas, a new stock of mdse., 2 residences, all clear, about \$8,000. Want improved farm not encumbered of near value. Address N. care Mail and Breeze.

TRADE FOR FARM. Cold storage meat market, complete modern equipment, slaughter house, good residence and barn. Good business. No competition. In good town of 850 inhabitants. Box 7, Buffalo, Kan.

BUSINESS CHANCES.

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.

SEEDS AND NURSERIES.

SWEET CLOVER, also tobacco. T. Mardis, Falmouth, Ky.

CHOICE alfalfa seed \$7.00 bush. f. o. b. Atwood. Box 295, Atwood, Kan.

WHITE sweet clover seed for sale by grower. Address J. J. Haskell, Garden City, Kan.

FANCY ALFALFA SEED—Guaranteed pure. \$7 per bushel. John Ryman, Dunlap, Kan.

SWEET CLOVER—Pure white blossom. 25c pound, \$12.50 per bu. J. E. Tate, Lakin, Kan.

FRUIT TREES. Shades, Ornamentals, berry plants. Waverly Nurseries, Waverly, Kansas.

TREES at wholesale prices. Fruit Book free. Address Wichita Nursery, Box B, Wichita, Kan.

SEED CORN—I have some Boone County White. Write for prices. B. A. Nichols, Hutchinson, Kan.

LATEST Improved Mebane Triumph cotton seed. 39 to 43% lint. Write G. Bode-mann, Lockhart, Texas.

SEED CORN—Early yellow dent, heavy and sound, hand picked, \$1.50 a bushel. Charlie Clemmons, Anadarko, Okla.

FOR SALE CHEAP—Corn, oats, feed, car-lots, shipped anywhere. Pure bred Duroc hogs. Arthur H. Bennett, Topeka, Kan.

FETERITA. Get your seed now. Recleaned seed at \$2.50 per bu. Send check with order. A. B. Gresham, Copeland, Kan.

WHITE BLOSSOM sweet clover, \$12.00 per bu., recleaned, sacks extra, cash with orders. Ask for samples. C. H. Waterman, Lakin, Kan.

ALFALFA SEED, the best, for \$5.80 per bushel. I have some German millet and popcorn. Send for samples. S. J. Franklin, Beaver City, Neb.

SWEET CLOVER—Genuine white blossom—grows anywhere. Write for free sample of new crop seed and latest prices. Barteldes Seed Co., 800 Mass. St., Lawrence, Kan.

SWEET CLOVER SEED—The true white blooming variety. (Melilotus Alba.) Write for free sample of new crop seed and latest prices. Henry Field, Shenandoah, Iowa.

SHAWNEE WHITE seed corn. Best yielding here in 30 years' trial. Adapted to upland or bottom. Seed, selected, tipped, shelled and graded \$2.00 per bushel. J. A. Ostrand, Elmont, Kan.

SEED CORN—Wimple's Yellow Dent, Dakota Gold Mine, Clay County White, all high yielding fancy seed \$1.50 per bushel, bags free. Guaranteed 90 per cent test. Vermillion Seed Co., Vermillion, S. Dak.

WIMPLE'S Improved Yellow Dent. The high yielding early corn. Grown in the Missouri valley, two miles from Nebraska line. Fancy seed, ear or shelled, \$1.50 per bushel. L. N. Crill Seed Co., Elk Point, S. Dak.

FARM SEEDS—Choice recleaned maize, kafir, cane and millet. All \$2.50 100 pounds. Sweet clover, 3 pounds \$1, 10 pounds \$3.00, 50 pounds \$12.50. Buy while you can. Claycomb Seed Store, Guymon, Okla. R. I. R. R.

LAND.

60 ACRES for sale. Address owner, Joe Shaw, Clyde, Kan.

TO TRADE for anything: 5 acre tract with good improvements at Osborne, Kan. Value \$2,500. Write The Sun, Glasco, Kan.

BEST OFFER for cash only, 520 acres improved farm, Sevier Co., Arkansas, until January first. Send for description. Rosetta Fettrich, Altamont, Kan.

LANDS.

FIVE GOOD FARMS for sale. W. H. Austin, owner, Gravette, Ark.

FINE southern Oklahoma farms, some at forced sale. Act quick. Box 126, Mangum, Okla.

BARGAIN for somebody. Improved 160 2 miles town; on easy terms. C. J. Woodrick, Ozawie, Kan.

"UKANTLOSE" in this stock and dairy country. Leaflet free. Allison, Rye, Pueblo Co., Colorado.

FOR Okla. wheat farms, level, fertile soil, fine crops, excellent water, write W. R. D. Smith, Guymon, Okla.

LIST YOUR PROPERTY with me for sale or exchange. Fettrich Real Estate & Exchange Co., Altamont, Kan.

FOR TRADE—160 acres level Morton Co. land for cattle. Berkshire herd boar \$35. Maplelane Farm, Lehigh, Kan.

160 ACRES Oklahoma, 10 acres Arkansas, 25 lots Kansas City. All clear. Want small farm. Dan Shore, Simpson, Kan.

GOOD 160 acre farm Dickinson Co.; 120 acres under cultivation; well improved. D. G. Webster, Junction City, Kan.

FOR SALE—3,400 acre improved ranch in Dent Co., Mo., \$7.50 per acre. Terms. William & Harding, owners, Silgo, Mo.

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

SNAP—320 acres level, raw, Wallace Co. land, 3 1/2 miles town, \$2,500. \$1,000 down, balance time. Address Combination Box 53, Clifton, Kan.

FOR INFORMATION regarding government lands in Southern California, write Thos. Wilcox, 523 Chamber Commerce Bldg., Los Angeles, Cal.

DELAWARE is a good state to live in; land is good for fruits, grain and livestock. Free pamphlet. State Board of Agriculture, Dover, Delaware.

CHOICE 20 acre truck and chicken farm, improved, fine land, three miles from Coffeyville. \$1,900, terms. Bowman Realty Co., Coffeyville, Kan.

SEND FOR LIST of improved farms in Minnesota's corn belt; prices, \$12.50 to \$75 per acre. Schwab Bros., 1023 Plymouth Bldg., Minneapolis, Minn.

AT A BARGAIN, 160 acres 1/2 mile town, all strictly alfalfa bottom land, fine improvements, priced low, easy terms. Roy Williams, Enterprise, Kan.

GREAT BARGAIN southeastern Oklahoma, 320 acres, half river bottom, plenty rainfall. Government title. \$6 acre cash. A. Galser, Hugo, Oklahoma.

WRITE for booklet of irrigated farms and truck patches. No failures. Three miles of water. Near Ft. Worth and Dallas. E. C. Stovall, owner, Graham, Texas.

SELL your property quickly no matter where or what it is. Be your own agent. Pay no commission. Particulars free. Co-Operative Salesman Co., Lincoln, Neb.

FOR SALE: Highly improved ranch 550 acres, 2 1/2 miles of good town on Mo. Pac. Selling on account of health. No trades, no commission. J. T. Johnston Co., Allen, Kan.

FOR EXCHANGE—An irrigated 120 acre improved farm close to Loveland, Colorado, for a farm in Oklahoma, Kansas, Texas or lower altitude. R. T. Colter Co., Muskogee, Oklahoma.

DELAWARE fruit, grain, stock, truck farms, \$40 to \$100 an acre. Mild climate; fertile soil; no stone. Free list. Tell me your wants. W. Chas. Boyer, Box 84, Dover, Delaware.

ARKANSAS LAND FREE. 500,000 acres government land now open to settlement. Booklet with lists, laws, etc., 25c. Township map of state 25c additional. L. E. Moore, Little Rock, Ark.

QUARTER improved, 6 miles from town McPherson county, trade for suburban property, town must be over three hundred. Write for particulars. Lundquist & Myers, McPherson, Kan.

NEW MEXICO. 1,200 acres. 200 under irrigation. Good improvements. Near town. Orchard and shade trees. Other farms and grazing lands. W. R. Tompkins, 6 West Randolph St., Chicago, Ill.

320 ACRES in Harper county, Kansas, finely located, 220 acres cultivated and the very best of soil, 160 acres first class alfalfa land. Price \$10,000.00. Write now to J. E. Couch Land Co., Anthony, Kan.

MISSOURI. Improved farms. Best in the world for the money. \$10 to \$40 per a., easy terms. Healthful climate, fruit, clover and timothy land. Stockman's paradise. Circulars free. G. R. Bakeman, Richland, Pulaski Co., Mo.

160 ACRES fine black land, Wharton Co., south of Louise, in rain belt, Gulf Coast, Texas. Direct from owner. Will make splendid farm. Owner going in business, need cash. Address 1916 Taft St., Fairview Add., Houston, Tex.

FOR SALE—80 a. Coffey Co., Kan., \$2,200, \$900 cash, balance 3 years 6% Section Gove Co. land \$11,400. 85 a. 1 mile of Co. seat in Wyo. All irrigated, \$6,300. \$1,300 cash, \$1,000 3 years, bal. to suit 6%. Land around this \$190 per a. Geo. Ball, Hardin, Mont.

LANDS.

ADVERTISE YOUR PROPERTY in Cap-per's Weekly for quick and sure results. 250,000 circulation guaranteed—among best farmers in Kansas and adjoining states. Advertising rate only 8c a word. Address Capper's Weekly, Adv. Dept., Topeka, Kan.

GOVERNMENT farms free. Our official 112 page book "Vacant Government Lands" describes every acre in every county in U. S. How secured free. 1913 diagrams and tables. All about irrigated farms. Price 25 cents postpaid. Webb Publishing Co., (Dept. 92), St. Paul, Minn.

IRRIGATED FARMS. 40 acres, \$5,000, cash \$1,800, one note \$1,200 due in 6 years, balance in five \$500 notes, 1 to 5 years. 60 acres, \$7,500, cash \$2,000, one note \$1,800 due in 6 years, balance in five \$740 notes. Yield \$100 per acre upward. Rents for \$15 per acre. No failures. Dallas and Ft. Worth markets. Other tracts. Any size. Write for booklet. E. C. Stovall, owner, Graham, Texas.

PATENTED state school land. Just opened for sale on the remarkably easy terms of one-twelfth cash, balance ten years' time. Located near Southern Pacific railroad, only 32 miles from Houston. Ample rainfall; good markets. Big crops corn, cotton, potatoes, fruits, vegetables. Free Texas map and particulars. Write Dr. C. H. Walters, Trustee, 422 First National Bank Bldg., Houston, Texas.

FLORIDA—The truth about it—No state has richer or more varied agricultural possibilities. To know the facts about these read the Florida Grower. This weekly publication is the authority on agricultural Florida. Facts not theories make up its articles. Citrus fruit culture, trucking, poultry, live stock—all are treated in its columns. Save time, dollars and disappointment by reading the Grower. Sample copy free. Florida Grower, 307D Cass Ave., Tampa, Fla.

FINANCIAL OR MONEY LOANED.

6 PER CENT loans on farms, orchard lands, city resident or business property to buy, build, improve, extend or refund mortgages or other securities; terms reasonable; special privileges; correspondence invited. Dept. L, 518 Commonwealth Bldg., Denver, Colo., or 1521 Commerce St., Dallas, Texas.

AUTOMOBILES.

NEARLY NEW, two passenger Brush automobile cheap. Will demonstrate. Bert Pacey, Miltonvale, Kan.

SEVEN passenger 60 horse power Winton six, fully equipped, self-starter, top and windshield. Cost \$3,000 when new. Can be bought for \$1,500. This is a great family car and has only been used by owner. Would also make profitable investment as livery car in country town. Call or address Mr. Wilson, care Topeka Capital, for demonstration.

DELIVERY TRUCK "CHEAP"—For farmer or business man. Two trucks left over from garage sale (new), will sell at sacrifice. Fine for farm trucking, feeding or mercantile delivery. 16-H. P., capacity 1,000 lbs. The most serviceable and cheapest truck now in use, for the money. For quick sale \$400.00 each. Regular price \$700.00. "A snap." Address Motor Truck, care Mail and Breeze.

WANTED.

EXPERIENCED farmer wants place as farm manager or as cattle feeder. Can give good references. Address W. A. McDowell, Kincaid, Kan.

MARRIED man of good habits would like place on good dairy farm. Steady worker. References. Capable taking charge of entire dairy. C. C. Rutledge, Eskridge, Kan.

WANTED wells to make. Any kind, size or depths. For rail roads, cities, factories, farmers, irrigation, and domestic uses. With suitable pump and power installed and in operation. A. M. Dillow, P. O. Box 444, Pueblo, Colo.

GOOD RENTERS WANTED on irrigated tracts, no failures, several crops annually, rental one-third. Ideal, healthy climate. Outfit and enough money to run you until first crop sold, necessary. Your opportunity. Write today. Commercial Club, San Benito, Texas.

HELP WANTED.

AMBITIOUS men and women over 18. Get government jobs. Write for list of positions now available. Franklin Institute, Dept B 53, Rochester, N. Y.

WANTED: Men and women for government positions. Examinations soon. I conducted government examinations. Trial examination free. Write, Ozment, 88, St. Louis, Mo.

MEN AND **WOMEN** over 18. Get government jobs. \$65 to \$150 month. Parcel post and income tax mean hundreds of postoffice; railway mail and internal revenue appointments. Write immediately for free list of positions now available. Franklin Institute, Dept B 53, Rochester, N. Y.

AGENTS WANTED.

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

AGENTS WANTED for full line fruit trees and shrubs. Work full or part time, as you prefer. Draw pay every week. We teach you. Outfit free. Lawrence Nurseries, Lawrence, Kan.

MALE HELP WANTED.

GOVERNMENT FARMERS wanted. Make \$125 monthly. Free living quarters. Write Ozment, 28F, St. Louis, Mo.

SALESMEN WANTED. To sell nursery stock. Experience unnecessary. Good pay. Write F. H. Stannard & Co., Ottawa, Kan.

WANTED—Railway mail clerks. \$75.00 month. Sample examination questions free. Franklin Institute, Dept. B 53, Rochester, N. Y.

MEN for electric railway motormen and conductors; fine opportunity; about \$80 monthly; experience unnecessary; no strikes; state age. Address Box F, care Mail and Breeze.

WANTED ambitious men for government positions in railway mail and postoffice service. Large pay. Short hours. Write for catalog X. Standard Correspondence School, Minneapolis, Minn.

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

WANTED—Men prepare as firemen, brakemen, interurban motormen, colored sleeping car porters. No experience necessary. \$65 to \$100 month to start on. First class standard roads. Steady work. Hundreds placed to work. 500 more wanted. Name position wanted. Enclose stamp. Inter Railway, Dept. 66, Indianapolis, Indiana.

WORKING foremen wanted for half-section corn and alfalfa farms—one in North and one in South Dakota. Farms are operated for demonstration purposes, but must be handled economically. Good buildings and equipment. Write fully of experience. State least salary you would start with. J. G. Haney, Grand Forks, N. D. I. H. C.

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

PATENTS.

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

PATENT WHAT YOU INVENT. It may be valuable. Write me. No attorney's fee until patent is allowed. Estab. 1882. "Inventor's Guide" free. Franklin H. Hough, 532 Loan & Trust Bldg., Washington, D. C.

IDEAS WANTED—Manufacturers are writing for patents procured through me. 3 books with list 200 inventions wanted sent free. Advice free. I get patent or no fee. R. B. Owen, 34 Owen Bldg., Washington, D. C.

KODAK FINISHING.

FINE KODAK finishing—first roll developed free. Prints 3c to 5c each to show grade of our work. Paul Harrison, 813 Kansas Ave., Topeka.

MISCELLANEOUS.

WRITE us for prices today. E. R. Boynton Hay Co., Kansas City, Mo.

PLACES found for students to earn board and room. Dougherty's Business College, Topeka, Kan.

BAD DEBTS COLLECTED everywhere without suit, on commission. Bank reference. N. S. Martin & Company, Arkansas City, Kan.

CAPPER'S WEEKLY, Mo. Valley Farmer or Household one year and trap nest for \$2.00. Universal Sales Co., 412 West Fifth, Topeka, Kan.

TOBACCO. I have thousands of pounds of fine old Kentucky chewing or smoking tobacco; 30 cents per pound, postpaid. Chas. T. Daniel, Owensboro, Ky., Dept. E.

LADIES just the thing for your work basket. A neat needle-book, containing 115 needles; different sizes for all kinds of sewing. Price 10c postpaid. Address Box 702, Cedar Rapids, Iowa.

POULTRY MAGAZINE—Big 20 to 40 page illustrated magazine of practical, common sense chicken talk. Tells how to get most in pleasure and profit from poultry raising. 4 months on trial only 10c. Poultry Culture, 904 Jackson, Topeka, Kan.

FARMERS: Guaranteed cure and preventive of distemper, colds and coughs for horses and mules. Nothing else like it. You take no chances. Money back if not satisfied. Sent prepaid on receipt of \$2.00. Asbell Chemical Co., Box 531, Grand Junction, Colo.

BOYS we are going to give this full-leather top bicycle seat away; this seat has Troxel's universal springs, and an adjusting screw under front of seat to tighten leather to suit rider. This seat is easily worth \$3.00. Send us your name and address and we will send you an illustrated circular telling how to get the seat. William Heller, Westphalia, Kan.

Poultry Magazine

Big 20 to 40 page illustrated monthly magazine of practical, common sense chicken talk. Tells how to get most in pleasure and profit from poultry raising. 4 months on trial only 10c. Poultry Culture, 800 Jackson, Topeka, Kan.

1914 MODEL 22 Cal. HUNTING RIFLE Free

AREAL GUN. Take-Down pattern, with latest improvements, walnut stock and grip. Shoots accurately 22 long or short cartridges. Handsome, durable. **SEND NO MONEY** only your name and address for my easy plan of securing this fine rifle absolutely free express prepaid. Write today. D. W. BEACH, Box 53, Spencer, Ind.

Publisher's News Notes

Elsewhere in this week's issue appears again the advertisement of the Maytag Company of Newton, Iowa. It illustrates and describes the well known Maytag Hawkeye Grain Grader and Cleaner, one of the best graders and cleaners and sold under a guarantee backed by a capital of a million dollars. It is too late to argue the value of cleaning and grading seedling grain. This is better understood than ever. For instance, the claim is made that the increased returns from three acres of oats will bring back the money you have put into a Maytag, it cleans and grades corn, too. Read the ad and get the printed matter offered. Address The Waytag Company, 360 North St., Newton, Iowa.

Patrons' Fire and Tornado.

The annual meeting of the policy holders of the Patrons' Fire and Tornado association will be held in Grange Hall in Olathe, Kan., January 7, at 10 o'clock a. m., at which time the annual election of officers will take place. George Black, secretary, hopes there will be a large attendance of the policy holders as there probably will be business of importance.

Campbell University's Future.

Apparently a new era is opening for Campbell university of Holton, Kan. A movement has already been started to place this institution among the foremost educational institutions of the state. With this idea Dr. Marberger has been made chancellor and will have general charge of plans for affiliating it with other colleges and working out a program for its development. Dr. W. C. T. Adams, formerly president of Highland college, has accepted the presidency and will have charge of the internal organization and administration while Mr. Workman will continue as business manager and treasurer. All these gentlemen have strong business and executive ability. They are certain to make Campbell university one of the principal institutions of learning in the state.

The X-Ray Incubator.

Largest of all exclusive incubator plants in the world—a marvel of modern equipment—the new factory of the X-Ray Incubator factory at Des Moines, Ia., is attracting poultry raisers in all parts of the country. The factory, recently completed, is now open to visitors. Multitudes have already availed themselves of the opportunity to view the plant and to acquire the valuable information which a trip through the big institution affords. The visit is in fact a chapter of real education on poultry culture, which no one interested in the business should miss, when in Des Moines. The prime object in locating this plant at the Iowa capital is the betterment of shipping facilities. The constant and rapid growth of the X-Ray Company's business, sometimes occasioned unavoidable delay in shipping. It will be welcome news to poultry people everywhere that all such delay has been effectually overcome by the new location. In a few hours the X-Ray Company now reaches any point in the corn belt with an incubator shipment. This means that any customer can now count on receiving his incubator at once, where formerly he had to wait some days. The growth of the X-Ray business making necessary this immense plant is conceded to be the most remarkable in the industry. The manufacture of X-Ray incubators began only half a dozen years ago in a little carpenter shop. The company achieved the distinction two years ago of operating the largest exclusive incubator plant in the world. Yet it did not stop there. The demands of poultry people in every region compelled the X-Ray Company to outdo itself. It is a great commentary on the state of the poultry industry—how it is increasing by leaps and bounds—how modern methods have come into universal practice—are most eloquently and convincingly proved by the new X-Ray factory. The product of this factory is a striking instance of how perfectly scientific method and economy can be combined in incubation. One gallon of oil to the hatch is the entire requirement of the X-Ray incubator. The tank is filled once only. No further attention whatever is given until the hatch comes off. When this is contrasted with the necessity before the days of the X-Ray, of filling the lamp every day, it will be seen how labor is saved, trouble is saved, and money is saved. The construction of the X-Ray is unique. The lamp is situated in the center of the machine, below the egg tray, so that it actually uses all the heat produced. Thus the hatch is completed with one gallon of oil instead of the five gallons made necessary by other forces of construction. A visit to the X-Ray factory at Des Moines discloses not only this but other important advances in incubator building. To those who cannot come, however, the X-Ray Incubator Company will gladly send illustrations and full description of the machine to those who write.

A Knack in Loading Cane

Mr. Editor—I see farmers hauling cane hay, and making hard work of it. Try doing it after this fashion and you will never load any other way: I put one shock on the fore end of the wagon rack as high as necessary, then one on the back end the same way. I don't scatter it all over the wagon as I do hay. Then put three shocks in the middle, fill up above the first two and unload one at a time clear down to the bottom of the rack. It makes an easier job of it.

Eldorado, Kan.

Z. Peffley.

If you need anything not advertised in this issue of Farmers Mail and Breeze, write us and we'll tell you where you can get it.

We could not run the place without the good old Mail and Breeze. I say Amen to Mr. Capper's article, "A Square Deal for Women."

G. W. L. White.

R. 2, Winfield, Kan.

35 BUSHELS PER ACRE
was the yield of WHEAT

160 ACRES IN
FARMS IN
WESTERN
CANADA
FREE

on many farms in Western Canada in 1913, some yields being reported as high as 50 bushels per acre. As high as 100 bushels were recorded in some districts for oats, 50 bushels for barley and from 10 to 20 bushels for flax. J. Keys arrived in the country 5 years ago from Denmark, with very little means. He homesteaded, worked hard, is now the owner of 320 acres of land, in 1913 had a crop of 200 acres which will realize him about \$4,000. His wheat weighed 68 lbs. to the bushel and averaged over 35 bushels to the acre. Thousands of similar instances might be related of the homesteaders in Manitoba, Saskatchewan and Alberta. The crop of 1913 was an abundant one everywhere in Western Canada. Ask for descriptive literature and reduced railway rates. Apply to Superintendent of Immigration, Ottawa, Canada, or Canadian Government Agent.

Geo. A. Cook, 125 W. 9th St., Kansas City, Mo.

LAWRENCE Business College

Lawrence, Kansas.
Largest and best Business College in the West.
Capacity 1000 annually. Write for catalog.

PRIZE COUPON NO. 3

If you will sign your name and address on the space provided below, and send this coupon to us at once with 25 cents (silver or stamps) to pay for a one-year new, renewal or extension subscription to The Missouri Valley Farmer we will send you as a free prize, postage prepaid, a copy of the popular new book, "The Panama Canal as Seen by a Kansan," written by Arthur Capper, publisher of the Valley Farmer.

This is the newest and most interesting story of the great Panama Canal. It is well printed and profusely illustrated. It's free on this special offer.

The Valley Farmer,
Dept. P. C.-3, Topeka, Kan.

I enclose 25 cents to pay for a one-year (new), (renewal), (extension), subscription to The Valley Farmer. You are to send me free, a copy of Arthur Capper's new Panama Canal Book.

My Name.....

Address.....

SEND FOR YOUR PRIZE

E	S	D	N
O	R	F	Y
R	U	O	P
Z	I	R	E

Can you arrange the sixteen letters into four words? Try it and see. If you can, we will tell you how you may own a \$600 National Concert Grand Player Piano, or \$285 Harley Davidson 3 H.P. Twin Cylinder Motorcycle or a \$60 "Cruader" Bicycle, or a \$45 "White Frost" Round Refrigerator, or a \$25 Gold Watch, Waltham Movement, or a \$30 Stevens Double Barrel Hammerless Shot Gun, or a \$15 De Luxe Kokus China Dinner Set—100 pieces, or a \$10 Silver Set of 26 pieces, or a \$10 Eastman No. 3 A Brownie Camera, or a \$5 High Power Telescope; **FREE OF COST TO YOU.** The first and third words contain four letters each; the second word three letters, and the fourth five letters. Every person who answers, whether absolutely correct or not will be entitled to be considered in the awarding of the Grand Prizes in our Big Player Piano Contest, and for each correct word we will give you 250 FREE POINTS toward the \$600 National Concert Grand Player Piano and other Grand Prizes. If you guess all four words you get 1000 Free Points. Be sure and write your name and address plainly.

FARM LIFE, Dept. M B, Spencer, Indiana

Trent's Seed Corn

First Prize Five Successive Years

at State Show at Manhattan. This proves beyond a doubt that I have the best strains of seed corn in the West. Reid's Yellow Dent and Boone County White are dried, tested and guaranteed. Write for free catalog. Every farmer should have it.

BROWN COUNTY SEED HOUSE, S. G. TRENT, PROPRIETOR, HIAWATHA, KANSAS



The NEW DROUTH-RESISTING, STOCK-FEEDING CROP

"FETERITA"

50 to 80 BUSHELS PER ACRE!

The newest discovery in the way of a feeding crop is "Feterita" which last year—its first real test year—produced an average yield of 24 1/2 bushels per acre. It is claimed to be the one most successful drouth-resisting crop ever discovered, and properly planted and with very little rain, should yield from 50 to 80 bushels per acre—some yields last year were said to reach 100 bushels with only two rains.

Here is an Opportunity to Experiment With It on Your Own Farm

This is a new crop. The editors of Farmers Mail and Breeze, as our readers know, are not claiming everything for it. It has not yet been sufficiently tested as to its feeding value, nor as to its adaptability to our territory. It is certain that it has great drouth-resisting qualities. It is worth experimenting with. Thousands of farmers in Kansas and the central West are going to try it out this year on a small scale. Some farmers are very enthusiastic over it.

Here is what one successful planter writes about "Feterita." "I raised a crop of Feterita and am well pleased with the results. The grain is larger than Milo, fully as soft, and much whiter than Kafir. Its feeding value is equal to either Kafir or Milo and does not contain the dust that accompanies both Kafir and Milo. The head is erect on the stalk. It branches out from the roots, is a good drouth resister, and matures 25 days earlier than Kafir. Two crops have been raised this year on the same ground. The second crop was planted from the ripe seed of the first." Another farmer says: "We were more than delighted with the fact that the chinch bugs did not bother us. We had Milo maize planted in the same field with it and the chinch bugs took it completely, working right up to the Feterita but stopped there."

One Pound FREE! The supply of this seed is limited, but we secured a sufficient quantity to enable us to offer one pound free to every one who sends \$1.00 to pay for a new, renewal, or extension subscription to the Farmers Mail and Breeze. One pound should plant about half an acre and raise a crop of seed for a second planting. Send us your subscription at once and get one pound free and postpaid before the offer is withdrawn.

Farmers Mail and Breeze, Dpt. FS-10, Topeka, Ks.

- Use This Coupon or Letter Paper -

FARMERS MAIL AND BREEZE, Dept. FS-10, Topeka, Kan.

I enclose \$1.00 to pay for a new, renewal, or extension subscription for one year to the Farmers Mail and Breeze. You are to send me free and postpaid one pound of "Feterita" seed as per your advertised offer.

My Name.....

Address.....

BIG BARGAINS IN REAL ESTATE

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

Special Notice

All advertising copy, discontinuance orders and change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication to be effective in that issue. All forms in this department of the paper close at that time and it is impossible to make any changes in the pages after they are electrotyped.

CATHOLICS, write T. J. Ryan, St. Marys, Ks.

WE HAVE a fine list of impr. and unimpr. farms. Rowland & Moyer, Ottawa, Kan.

320 A. 200 BOTTOM CULT.; bal. pasture impr. Havens & Somerville, Winfield, Ks.

LAND IN STEVENS COUNTY, Kansas, on Colmer cut off. Write for prices. John A. Firmin, Hugoton, Kansas.

MEN FOR REAL ESTATE business in every county. Plans and supplies free. Merriam, Ellis & Benton, Kansas City, Kan.

640 A. 4 MI. NORTH JETMORE. Smooth, fenced, well watered; 200 cult. Price \$15.00. Terms. R. S. Mairs, Kinsley, Kansas.

IF YOU WANT MORE LAND for the boys, or a good stock ranch, write The Kansas Investment Company, Ness City, Kan.

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

320 A. NEAR LARNED. In cult., black soil, improved. Price for December only \$45. Exchanges. B. Hoffhines, Larned, Kansas.

FORD COUNTY, KANSAS. Choice alfalfa, wheat and corn lands. Stock ranches on easy terms. L. L. Taylor & Co., Dodge City, Kansas. Established 1902.

WELL IMPROVED 240 A. 1 1/2 mi. from town. all bottom land. 150 wheat, 20 a. alfalfa, 20 a. pasture, 50 a. corn. \$100 a. Can loan \$12,000. Alva Hardin, Ozawie, Kan.

RARE JEFFERSON CO. BARGAINS. 160 a. 3 mi. out, fine imp., good soil \$55 per a. 153 a. most creek bottom, well imp., \$60. No trades. John A. Decker, Valley Falls, Kan.

DON'T MISS THIS 160 A. BARGAIN. 6 room large house, creek bottom alfalfa land. 3 mi. from good town. A snap \$42.50 per acre. M. T. Spong, Fredonia, Kansas.

235 ACRES IMPROVED Arkansas Valley near Garden City. Pumping plant. \$1,000 cash, balance well secured. Price \$75 a. Consider trade. J. H. Kaiser, Topeka, Kansas.

160 ACRE FARM, 3 1/2 miles from town; 120 in cult. Bal. pasture and meadow. 4 room new house; barn, granary; fruit and good water. 50 acres wheat. Price for quick sale \$5,000. Reed & Brady, Salina, Kansas.

I CAN SELL YOU the finest farms, not to be excelled anywhere for the price. For alfalfa and grain farms. Stock raising. Descriptions and prices on request. Cash and good terms. H. H. Stewart, Wellington, Kan.

FOR FARM BARGAINS write for list to J. E. Calvert, Garnett, Kan.

CAN YOU SEE AHEAD? 640 a. in grass; fenced; living water, smooth; close to school and phone. Price \$12.50 per a. Terms. Thos. J. Stinson, Spearville, Kan.

GOOD BUSINESS BUILDING on main street in Ottawa to sell at a bargain by owner. No trade. Leased at \$50 per month, 3 years. E. T. Bird, Ottawa, Kansas.

FOR SALE. 245 a., 2 miles from Preston, 30 a. pasture, balance in cultivation. 175 a. in wheat; small imp'mts. Price \$12,000. Good terms. Chas. E. Dye, Preston, Pratt Co., Kan.

BIG BARGAIN. 120 acre bottom farm, good improvements, 3 1/2 miles town, 1/2 mile school; price \$35 per acre, if sold within 30 days. Gile & Bonsall, South Haven, Sumner Co., Kan.

Northeastern Kansas Land for sale in the famous Bluegrass, Timothy, Clover and alfalfa district, \$50 to \$100 per a. Compton & Royer, Valley Falls, Kan.

One Hundred Acre Farm 60 acres in cultivation. Good locality. 1/2 mile to school, 1 1/2 miles to shipping point. Price \$40 per acre. No trades. Mrs. J. W. Hopping, R. 5, Cherryvale, Kan.

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

Let Crops Pay For Land I have such confidence in my Western Kansas irrigable land that I am willing to let your crops pay for it. Small cash payment, balance from percentage of what you grow. Ten years' time. One crop of alfalfa will more than pay for the land and pump. Address J. F. Rudd, 1111 W. College, Independence, Mo.

For Sale I am owner of 160 acres in Bourbon Co., Kan., improved, on cross roads, in a fine neighborhood. 60 acres in pasture, balance in timothy, clover and corn. Price \$11,000.00. Mortgaged for \$3,000 6% long time off. Would take home or same in town or small farm close in. H. Clay Bowsher, 4050 Broadway, Kansas City, Mo.

480 A. IMPROVED, \$25 A. 2 1/2 mi. Scott City. Brightest future of any town in W. Kansas. Come and see this bargain or write E. E. Coffin, Scott City, Kan.

LINN COUNTY FARMS. Biggest bargains in Kansas. Corn, wheat, timothy, clover, bluegrass land \$16-\$80. Coal, wood, gas, abundance good water. Fruit, everything that goes to make life pleasant. Large illustrated folder free. Eby-Cady Realty Co., Pleasanton, Kan.

STOP AND LOOK. Now is the time to come to Bates county, Mo., for bargains in some fine farms. We have them in all sizes from 40 acres up to 640 a., well worth your time and trouble to come and see what we have. Write us if interested. J. F. Herrell & Son, Butler, Mo.

NO. 720 H. Chase county, Kansas, farm, of 387 a., 150 a. cult. bottom, 20 a. alfalfa. Improved. 2 1/2 miles out. Price \$60.00 per acre. Must be sold to settle estate. Terms. No trade. Free list. A. J. Klotz & Co., Cottonwood Falls, Kan.

WHEAT FARM ON EASY TERMS. 320 a. 7 miles northeast of Spearville; good impr. 180 a. wheat; 1/2 a. alfalfa. Improved. 2 1/2 miles out. Price \$60.00 per acre. Must be sold to settle estate. Terms. No trade. Free list. E. W. Moore, Spearville, Ford Co., Kansas.

FOR SALE. 160 a. ten miles north of Spearville, small improvements. 60 a. in cult. 100 pasture, good fencing; possession at once including 4 horses, cow, 2 sets of harness, gang plow, riding lister and 2 doz. chickens. All for \$3,500, \$1,500 cash, balance three yrs. 7%. E. W. Moore, Spearville, Kansas.

FOR SALE: A very fine stock and grain ranch of 940 acres. Located about 30 miles from Wichita, Kansas, and four miles from good railroad town. Finely improved, with good buildings; also extra tenement house and fine orchard. Well fenced and cross-fenced, and watered by creek through pastures. Some nice timber along this creek. About 500 acres splendid alfalfa land. This ranch is a money maker. Price \$67.50 per acre. Might consider smaller farm or income property as part payment. Address P. O. Box No. 118, Fairbury, Nebraska.

WISCONSIN

Secure a Home in UPPER WISCONSIN

Best Dairy and General crop state in the Union. Settlers wanted. Land for sale at low prices on easy terms. Ask for booklet 30 on Wisconsin Central Land Grant. State acres wanted. Write about our grazing lands. If interested in fruit lands ask for booklet on apple orchards in Wisconsin. Address Land Dept., Soo Line Ry., Minneapolis, Minn.

LOUISIANA

FOR SALE: FARMS and cut over lands. Write Ponder & Mizell, Forest Hill, La.

LOUISIANA STOCK FARM 1,100 acres with 7 mares, 6 mules, 4 cows, 1 bull, 1 jack, 90 hogs, 6 houses, 1 nice residence, 4 barns and plenty ranch implements. Price \$18,500. 1/2 cash, 6% Act quickly if you want the best. J. D. Pace & Company, Alexandria, Louisiana.

RED RIVER VALLEY LOUISIANA LAND is a deep rich soil—grows corn, cotton and all kinds of crops in abundance. Eight months' growing season, 55 inches rainfall, seaport only 200 miles away. This land now sells from \$6 to \$75 per a.

A GREAT PROPOSITION TO AGENTS. The tide of immigration has already started to the fertile lands of Louisiana. A big opportunity for live agents. This is a place where your men buy. Write for our literature and special proposition to agents. Do it today. Bradshaw Land Co., Alexandria, La.

BEST BARGAIN IN SOLOMON VALLEY

800 acre stock and alfalfa farm; over 400 acres good alfalfa land; heavy sheet water 6 to 20 feet; 320 acres in cultivation, 40 acres alfalfa, 120 acres growing wheat; 30 rye, bal. for spring crops; two pastures, 125 and 320 acres; plenty living water, some timber; \$10,000 improvements; best modern residence in county; barns, sheds, granaries and fences in good repair; engine and windmill and elevated tank and pneumatic water systems; 6 miles from Hill City, 1 mile from Penokee; R. D. and telephone; fine roads, auto trail by the door. Price \$25,000, \$10,000 cash, bal. terms; no trades. Write to C. L. Kobler, Penokee, Kansas.

Neosho Valley Bottom and Prairie Lands

460 ACRES choice bottom alfalfa, corn, wheat and orchard land, one mile from Chetopa, Kansas. 240 acres in cult., 60 acres alfalfa, cuts four crops a year; 90 acres wheat. Price \$17,000, \$5,000 down. Brick house, 10 rooms, in Chetopa, Kansas, together with above described land \$22,000. \$7,000 down. Can be sold together or separately. No trades.

160 ACRES best black prairie land, 95 acres in cultivation, 40 acres pasture, 15 acres meadow, 10 acres hog pasture. All fenced and cross fenced. Gradual slope all one way. One of our very best. One mile to school, 5 miles from good town. Telephone and rural route. Price \$8,000. \$2,000 down. No trades.

80 ACRES 2 miles from Chetopa, Kansas. Best black soil alfalfa land. Gently sloping prairie. New house 4 rooms; new barn 24x30; 20 acres blue grass pasture; located on rural route, telephone and gas pipe line. 60 acres in cultivation. Price \$4,000. \$2,000 down. No trades.

130 ACRES one mile from Chetopa, Kansas. 90 acres bottom alfalfa, corn and orchard land. 90 acres in cultivation. 25 in pasture. Coal easily mined. 8 room house. Barn 30x40; handsome location. Best of soil. \$55 per acre. \$2,000 down. No trades.

138 ACRES alfalfa, corn and orchard land, one mile from Chetopa, Kansas. High bottom. Never loses crop from overflow. 60 acres in alfalfa. Cuts four crops annually. No irrigation necessary. No buildings. 40 acres in wheat to be followed by alfalfa fall of 1914. Price \$7,000. \$2,000 down. No trades.

These lands are in the great Neosho Valley, the longest, widest, richest valley in Kansas and in the famous alfalfa district, 160 miles south of Kansas City. Other farms. Send for list to

J. B. COOK, Chetopa, Kansas

MISSOURI

FOR FARM LANDS in Barry Co., Mo., write J. Y. Drake, Exeter, Mo.

YOU WANT AN OZARK FARM or ranch. What kind? Wesley Marion, Monett, Mo.

MISSOURI, Ark. and Okla. farms. Conner-McNabney Realty Co., Southwest City, Mo.

WRITE MARTIN & MONTGOMERY, Greenfield, Mo., for farm list Dade Co. Terms.

WRITE Ozark Realty Co., Springfield, Mo., for grain farms, ranches, dairy farms.

160 A., OZARKS; 100 CULT., 2 sets bldgs., spring. \$1,700. McQuary, Seligman, Mo.

WRITE BEDELL & CO., Springfield, Mo., for prices on grain, stock and dairy farms.

WRITE PERRY & BRITE for prices on stock, grain and fruit farms. Monett, Missouri.

OZARK FARMS. Write Southwestern Land and Immigration Co., Springfield, Mo.

120 ACRE FARM. Price \$1,600. \$400 down. Views, map free. Arthur, M'tn View, Mo.

\$5 DOWN, \$5 MONTHLY, buys 40 a. grain, fruit, poultry land, near town. Price \$200. Write for list. Box 372, Carthage, Mo.

BEST RIVER BOTTOM LAND. Corn, alfalfa and ranch lands a specialty. Current River Land Company, Van Buren, Mo.

MUST SELL AT ONCE five good farms bought at forced sale. W. C. Shannon, Loan Agent, Mountain Grove, Missouri.

114 ACRES, 80 acres in cultivation, bal. in pasture; one-half bottom land; no overflow; good repair; fair improvements; land is level; three miles to town; good roads and location. Will sell cheap if taken at once. J. E. Hall, Carthage, Mo.

HOWELL CO., MISSOURI. 120 a. farm 2 mi. from Pomona. 75 a. in cult. and orchard, 500 bearing trees, apple and peach, 100 a. fenced, 5 room house, good barn, 2 wells, cistern, phone line, rural mail, 1/2 mi. school. \$28, terms. Farms for merchandise or town property. A. P. Cottrell Land Co., Pomona, Mo.

FARM LAND—CATTLE RANCHES. For sale; 8,080 acre stock ranch for less than half its value. 5 miles long and 2 1/2 miles wide. Has 66 springs; 1 1/2 miles water stream. Best bargain in Missouri. If you want to raise beef and make a fortune this is your chance. For further information write or wire owner A. J. Johnston, Merchants National Bank, Springfield, Mo.

TEXAS

CORN, COTTON, potatoes and rice are making our farmers good money. Prices from \$25 an acre up. A few special bargains. Fidelity Immigration Co., Eagle Lake, Tex.

BIG CROPS, BIG MARKETS, BIG PROFITS. In the Houston, El Campo district of the Gulf Coast. Write us for Free Booklets, "Where Farming Pays," "Pointers on Where to Buy Land," also "The Gulf Coast Bulletin," for six months free.

Allison-Richey Land Co., Houston, Texas.

BARGAINS IN GULF COAST LANDS. FACTS about the Mid-Gulf-Coast Country of Texas. Production, climate, rainfall, soil, markets, water. Large or small tracts. Write at once for free booklet and price lists. Reference given.

John Richey & Co., Binz Bldg., Houston, Tex.

PECOS VALLEY IRRIGATED lands on easy terms, deferred payments 6%. Oldest and largest ditch in West Texas, cheapest water, (72 inches for \$2.00 last season), greatest demonstration in the state, perfect drainage system completed, big reservoir building, country of biggest alfalfa and finest fruits, lands net annually \$40 per acre and upwards, raw and developed lands 1/4 to 5 miles from depot \$60 to \$175 per acre, no overflow, low railway rates, special inducements to January buyers. Write today. Stratton Land Co., Monadnock Block, Chicago, or Barstow, Texas.

OKLAHOMA

GOOD FARMS FOR SALE: for particulars write to Harry E. Pray, Pawnee, Oklahoma.

EXCEPTIONAL BARGAINS in N. E. Okla. farms. T.C. Bowling, Pryor, Mayes Co., Okla.

FOR SALE. 100 a. rich level prairie 4 mi. this city 15,000 inhabitants. \$26.50 per a. Others. O. P. Williams, McAlester, Okla.

DELAWARE CO. ABSTRACT CO. Bonded Abstractors. Real estate and farm loans. Cowskin prairie farms, the cream of Oklahoma farm lands. Prices right. Grove, Okla.

ARKANSAS AND OKLAHOMA, improved, unimproved, grass, farm, and timber lands. Prices reasonable, and terms. Come and see. White, Stanley & Thomason, Westville, Okla.

WRITE THE JORDAN COMPANY, Marietta, Okla., for list of Okla. and Texas bargains in alfalfa, grain, cotton, corn and fruit farms and ranches. All sizes and all prices.

1,040 A. ALL PRAIRIE pasture, this county. 6 mi. from good R. R. town. Under good fence. Abundance water. 300 a. tillable. Will pasture 300 steers 9 months without feed. Cheapest pasture proposition we ever offered. \$12.50 per acre. Good terms. Southern Realty Co., McAlester, Oklahoma.

160 A. 17 MI. SOUTH OF WOODWARD, Okla. 4 1/2 mi. north of Vici. 55 a. in cult.; excellent water. Black, sandy loam. 1 mi. from school, 3 mi. of church. 1 mi. of R. R. N.W. & W.F. Price \$3,500. For further particulars, add. C. E. Caywood, Nickerson, Kan.

CADDO COUNTY AGAIN WINS. First on agricultural products at State Fair. Write for information, corn and alfalfa lands. Baldwin & Gibbs Co., Anadarko, Okla.

INDIAN LAND FOR SALE. 100 virgin farms, improved and unimproved from \$25.00 to \$40.00 per acre, in the rain, corn, alfalfa, oil and gas belt of N. E. Oklahoma. Agents wanted. J. A. Wettack, Nowata, Okla.

ARKANSAS FARMS for sale. Terms. List free. J. C. Mitchell, Fayetteville, Ark.

N. W. ARKANSAS LANDS for sale or exchange. Wright & Cox, Rogers, Arkansas.

170 ACRES; good improvements. Level, good water. Write E. W. Dawkins, Rogers, Ark.

80 A. NEAR RY. Improved. 70 a. tillable. \$800, terms. Leslie Land Co., Leslie, Ark.

WE HAVE BARGAINS IN FRUIT, stock and grain farms in northwest Arkansas. Springdale Land Co., Springdale, Ark.

\$60 DOWN BUYS 40 ACRE FARM, rain and corn belt, Arkansas. Send for list now. Leavitt Land Co., Little Rock, Ark.

FOR DES. LIT., city props., Ark., and Okla. farm, fruit, timber, grazing lands, write Moss-Ballou & Hurlock, Siloam Sprgs., Ark.

532 ACRES mostly creek bottom; plenty water, and timber; good orchard; 2 mi. town; creek crosses place. Price \$30 per acre. Write Horton & Co., Hope, Ark.

17,000 ACRES, NO ROCKS, hills or swamps. Any size farms Grant Co. \$1.50 per a. down, bal. 20 years at 6%. Teter & Co., Op. Union Depot, Little Rock, Ark.

CORN, OAT, CLOVER land. Sure crops. No swamps, hills. Fine climate, schools, churches. Small pay't. 20 years, 6%. Write today, maps, circulars. Tom Blodgett Land Co., Rison, Ark.

COME TO THE LAND of good crops, fine fruit, diversity, short winters, cool summers, good health. Exchanges made. Particulars. Chas. D. Haney, Bentonville, Ark.

QUIT RENTING and write Eugene Parrick, the land man, for fruit, grain and timber farms. Best prices, terms, water and climate in Ark., Missouri and Oklahoma. Describe your wants in first letter. Hiwassee, Ark.

IF YOU WANT a good comfortable home cheap in the best country and among the best people on earth come to Benton county, Ark. We have extra bargains in all kinds of farms and cheap unimproved lands. Address Frazer Real Estate Co., Gravette, Ark.

70 ACRES, 1/2 CLEARED, 3 miles from city, \$20 per acre. Other good bargains. Write J. F. Black, Texarkana, Arkansas.

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

CHOICE FARMS OF ALL KINDS on easy terms, in Benton Co., Ark. Ideal climate and pure water. Some exchanges. Star Land Co., Gentry, Ark.

ARKANSAS FARMS FOR SALE. Smooth, level land; no rock; close to railroad town. Easy terms. Allen & Hart, Owners, Kansas City, Mo., or Gifford, Ark.

CANADA

COME TO SO. ALBERTA. Land of wheat, alfalfa, cattle. Good markets. Delightful climate. Have several special bargains. Weber Land Agency, Lethbridge, Alberta, Canada.

SOUTHERN ALBERTA, the country for you. Heavy crop yields; country particularly adapted to stock raising on account of mild winters and easy accessibility to water; unlimited supply cheap domestic coal within few miles of our lands. We own and will sell to actual settlers 50,000 acres choice land close to markets at reasonable prices and terms. If you mean business and are looking for a new home where opportunities are practically unlimited, write Helgeson Land Co., Lethbridge, Alberta. Ref.: The Merchants Bank of Canada.

COLORADO

FOR SALE—N. W. 1/4 section 27, township 5 north, range 48, Yuma Valley, Yuma county, Colorado. Level, fertile, unimproved; perfect title; \$10 per acre. Alfred H. Breeze, (owner), Mt. Gilead, Ohio.

We Want Farmers

Why buy cut-over, or wild lands in the frozen North? We can locate you on half-section relinquishment for \$350. Will produce 30 to 35 bushels wheat and corn per acre on sod. Fine hay, good dairy country, 10 to 40 feet to water. Only 12 miles from this city. Land level and soil fertile, clay subsoil. Finest climate in the world. Come and get your choice.

Cutler & Layton, Fort Morgan, Colo.

IDAHO

A NEW TOWN, new railroad, new country, Homedale, Idaho, has incomparable soil and climate in the heart of Snake River Valley. Homedale Townsite Co., Minneapolis, Minn.

MINNESOTA

MINNESOTA FARMS for sale. Easy terms. Write A. G. Whitney, St. Cloud, Minn.

MINNESOTA FARMS for sale. Special bargain list. A. H. Brown, Willmar, Minn.

80 A. GOOD Minnesota land \$1,000. Terms. Other bargains. Foss, Millac, Minn.

PAYNESVILLE LAND CO., sell Minnesota farms. Write for list. Paynesville, Minn.

SETTLERS WANTED for clover lands in central Minnesota. Corn successfully raised. Write Asher Murray, Wadena, Minn.

MINNESOTA FARMS for sale on easy terms. We sell our own lands. Write for list and map. Anderson Land Co., Willmar, Minn.

FINE IMPROVED Minnesota corn and dairy farms \$20 to \$55 per acre. Easy terms. Frick Farm Agency, Saux Center, Minn.

GEORGIA

SOUTHERN GEORGIA. Stock raising, fruit growing, truck farming, corn, oats, hay, cotton. No floods, drouths, nor cyclones. Improved and unimproved lands. Easy terms. Thompson & Company, Homeland, Georgia.

WYOMING

FREE HOMESTEADS. Use your right on the best homestead to be had. Write A. P. Knight, Jireh, Wyoming.

SOUTH DAKOTA

IMPROVED FARM LANDS in corn belt of South Dakota. Write your wants. Walkins & McDonald, Sioux Falls, S. D.

FOR SALE OR EXCHANGE

GROCERIES FOR LAND or land for mdse. F. Gass, Joplin, Mo.

EXCHANGES—ALL KINDS—free list. Foster Bros., Independence, Kan.

WRITE J. W. MEREDITH of Carthage, Mo., for prices and exchange farm lands.

FARMS AND RANCHES for sale or exchange. J. J. McCool, Augusta, Kan.

52 A. near Hutchinson, Kan. Sale or trade. Owner, E. C. Keyes, Hutchinson, Kan.

WRITE S. H. CHACEY for exchanges on farms and merchandise. Meriden, Kansas.

WRITE T. L. THOMPSON, for farm and ranch land exchanges. Augusta, Kansas.

BARGAINS in the Arkansas valley, cash or exchange. Franks & Dobson, Winfield, Ks.

SALES AND TRADES. G. K. Jackson Land Company, Eureka, Greenwood Co., Kansas.

GREENWOOD CO. Write Herrman & Dove for sale and exchange lists. Hamilton, Kan.

WE MAKE exchs. of farms, ranches, mdse., anywhere. Wilson & Hedrick, Hartford, Ks.

LAWRENCE REALTY CO., home of the swap-pers. Patrick C. Quin, Mgr., Lawrence, Kan.

FOR SALE OR TRADE, fine improved bottom farm, close to town. City High School free. J. H. King, Cawker City, Kan.

EXCHANGE BOOK, of hundreds of honest trades, farms, merchandise, etc., everywhere. Graham Bros., Eldorado, Kan.

I SELL and exchange farms, ranches and income property. Write fully what you have or want. M. F. Simmons, Kansas City, Mo.

WE BUY, SELL and exchange, anything, anywhere of value. Ozark Co-operative Realty Co., Willow Springs, Howell Co., Mo.

FOR EXCHANGE, 400 acres in North Dakota. \$12,000.00 improvements. Want Kansas, Oklahoma, Missouri land or income property. Box 275, Iola, Kansas.

HOTEL OF 12 ROOMS and livery stable for 20 or more horses. Office, etc., in small town in Kan., 2 railroads, and a good place for such business. Mortgage \$1,000. 6%. Will trade for small grocery store, horses, cattle, or what you have to offer, for equity, quick. Address Star Grocery, Marion, Kan.

160 ACRE FARM all in wheat now; looks fine. Exchange for merchandise. Watkins Land Co., Quenemo, Kansas.

\$3,500 EQUITY in a \$6,000 modern residence in Kansas City, Mo., to exchange for western Kansas unimproved land. Land must be worth the money. Mortgage on house runs 4 years at 6%. House rented by the year. Address W. S. H., 221 Clay Street, Topeka, Kansas.

160 ACRES LAND near Montezuma. Would take automobile as part pay. \$600 cash, balance terms. Exchanges made. L. E. Pendleton, Dodge City, Kansas.

FARMS, STOCKS, and city property for sale or trade. What have you to offer? Bigham & Ochiltree, 802 Corby-Forsee Bldg., St. Joseph, Mo.

FOR SALE OR EXCHANGE. 160 acre improved farm, northern Okla., price \$5,500, 360 extra fine Fla. land \$40 per a. Modern 10 room house, Kansas City, Kan. J. W. Studebaker, McPherson.

FOR SALE OR TRADE—80 acres Kaw bottom, imp. 7 room house, barn and hay shed. 25 a. growing wheat. Best bargain on the Kaw, \$8,000. Clear. 2 1/2 mi. west of Belvue, Kansas, 1/2 mi. to Golden Belt road. Leonard Vrooman, Topeka, Kansas.

120 A. 3 MI. OF WELDA, KAN. 80 cult., 40 pasture, \$60 per acre, mort. \$2,100, wants mdse. 320 acres 2 mi. of Garrett, Kan., 200 cult., bal. meadow and pasture, \$30,000, clear, wants smaller farm, timber or rental. Spohn Bros., Garnett, Kan.

HARPER COUNTY, KANSAS. One hundred sixty acre farm, three hundred thirty-five acre farm for east Kansas farms. J. M. Garrison, Attica, Kan.

CHICKEN AND FRUIT RANCH.

5 acres fenced chicken tight, excellent large house, sidewalk to door. Fine rich fruit land. Price \$7,500. Will carry half-balance in land—western land or small rentals acceptable. Located in Oakland, Kan. Frank W. Thompson, Agt., Beloit, Kansas.

FAMOUS BLUEGRASS LANDS for sale or exchange. 240 a. 1 mile King City, Mo., good improvements, \$115.00 per acre. Incumbence \$9,000. Want Kansas alfalfa or grazing land, southeast part of state preferred. W. L. Bowman Realty Co., King City, Mo.

EXCHANGE FOR MERCHANDISE OR CLEAR LAND. 200 acres fine corn and alfalfa farm, 8 miles St. Joseph, 3 miles from small town, well fenced, good improvements. Price \$110 per acre. Mortgage \$8,000. C. D. Butterfield, Hamburg, Iowa.

TO EXCHANGE. 327 acres in Garfield Co., Okla., fine neighborhood, close to railroad town, 200 acres in wheat, half to go with farm. Best prospect for wheat ever was. Farm too large for owner to handle. Will take 160 acres on same or town property. Need not be afraid to go to see this farm and country; both are extra good. Farm is improved. Price \$17,500. Mortgaged for long time off \$7,900.00 6%.

H. Clay Bowsher, Kansas City, Mo.

KANSAS FARM TRADES. 165 a., Greenwood county, improved. \$55.00 a. Want smaller farm near high school town. 320 a. Douglas county, \$65 a. Wants smaller farm.

Highly improved 80 near Coffeyville, \$125 a. Want larger farm near same value. \$4,000 modern residence, Baldwin, Kan. Want 80 to 160 a.

230 a. Wilson county, improved. \$75.00 a. Want Ozark land or stock of merchandise to \$12,000.00.

160 a. near county seat Linn county, \$80.00 a. Wants smaller farm to half value, or clear city property in good school town to \$6,000 or less.

\$30,000 flat, Kansas City, Missouri, income \$3,000 year. Loan \$10,000. Want clear farm for \$20,000.00 equity.

Bigham Inv. Co., 1116 Commerce Bldg., Kansas City, Mo.

Buy or Trade with us—Exchange book free. Bersie Agency, Eldorado, Ks.

FOR SALE OR EXCHANGE Land in the great corn belt of Missouri, Kansas and Nebraska. Also ranches. If you wish to make an exchange, address M. E. NOBLE & SON, 507 Corby-Forsee Bldg., St. Joseph, Mo.

For Sale Extra wheat farm. 160 acres, 130 in wheat, (1/2 delivered at Beloit), 30 in pay meadow, 8 miles northwest of Beloit, Mitchell Co., Kansas. (Clear) \$9,000. Wilson & Bozell, Beloit, Kansas.

To Exchange 160 acres in eastern Kansas for 10 or 20 acre poultry farm near good town or for clear cheap western Kansas land, equity \$7,000, mortgage \$5,000, 4 years. M. W. Peterson, Hanston, Kan.

I OWN AND WILL TRADE A good small ranch in S. E. Kansas, a fine unimproved tract near city limits of Wichita; a good home in Wichita, some smaller residences; also a fine business proposition and business property; a nice farm in S. W. Kansas and some scattering quarters. Will trade either or all of these or will sell at a sacrifice and give extra good terms. H. C. Whalen, 812 West Douglas Ave., Wichita, Kan.

WHAT BREEDERS ARE DOING

FRANK HOWARD, Manager Livestock Department.

FIELDMEN.

A. B. Hunter, S. W. Kansas and Oklahoma, 614 So. Water St., Wichita, Kan.
John W. Johnson, 820 Lincoln St., Topeka, Kan.
N. W. Kansas and S. Nebraska.
C. H. Walker, N. E. Kansas, N. Missouri, 1326 East 37th St., Kansas City, Mo.
Ed R. Dorsey, S. E. Kansas and S. Missouri, Girard, Kan.

PUREBRED STOCK SALES.

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

Poland China Hogs.

Jan. 31—A. D. Jones, Dunlap, Iowa.
Feb. 3—J. H. Hamilton & Son, Guide Rock, Neb.

Feb. 12—H. C. Graner & Son, Lancaster, Kan.
Feb. 12—Thos. F. Walker & Son, Alexandria, Neb., at Fairbury, Neb.

Feb. 13—W. E. Epley, Diller, Neb.
Feb. 17—L. E. Klein, Zeandale, Kan.

Feb. 18—J. H. Harter, Westmoreland, Kan.
Feb. 19—W. Z. Baker, Rich Hill, Mo.

Feb. 19—J. L. Griffiths, Riley, Kan.
Feb. 20—A. J. Swingle, Leonardville, Kan.

Feb. 24—M. T. Shields, Lebanon, Kan.
Feb. 24—W. R. Webb, Bendena, Kan.

Feb. 27—W. A. Davidson, Simpson, Kan.
Mar. 4—John Klummer, Mankato, Kan.

March 24—Herman Groninger & Sons, Bendena, Kan.

Duroc-Jersey Hogs.

Jan. 23—C. E. Clauff, Central City, Neb.
Jan. 29—W. E. Monasmith, Formoso, Kan.

Jan. 30—N. B. Price, Mankato, Kan. Durocs.
Jan. 31—A. M. Rinehart & Son, Smith Center, Kan.

Feb. 3—Howell Bros., Herkimer, Kan.
Feb. 6—Leon Carter, Asherville, Kan.

Feb. 9—E. A. Trump, Formoso, Kan.
Feb. 10—Agricultural College, Manhattan, Kan.

Feb. 11—Thompson Bros., Garrison, Kan.
Feb. 18—Geo. W. Schwab, Clay Center, Neb.

Feb. 21—Dana D. Shuck, Burr Oak, Kan.
Feb. 25—A. T. Cross, Guide Rock, Neb.

March 7—E. G. Munsell, Herington, Kan.
Mar. 11—W. W. Otey & Sons, Winfield, Kan.

Mar. 12—G. C. Norman, Winfield, Kan.
March 25—W. H. Mott, Herington, Kan.

Berkshires.

Feb. 10—Agricultural College, Manhattan, Kan.

O. I. C's.

Feb. 3—Chas. H. Murray and H. L. Bode, combination sale, Friend, Neb.

Hampshire Hogs.

March 14—Roy E. Fisher, Winside, Neb.

Jersey Cattle.

Mar. 5—Everett Hayes, Hlawatha, Kan.

Hereford Cattle.

Jan. 28—Mousel Bros., Cambridge, Neb.
Feb. 19—20—Nebraska Hereford Breeders' Assn. sale at Grand Island, Robt. Mousel, Cambridge, Neb., Mgr.

Percheron Horses.

Jan. 8—C. W. Lamer, Salina, Kan.
Jan. 27—Lee Bros., Harveyville, Kan.; sale at Manhattan, Kan.

Feb. 25—J. C. Robison, Towanda, Kan.
March 19—20—North & Robinson, Grand Island, Neb.

Percherons, and Other Draft Breeds.

Jan. 27—28—29—30, 1914—Breeders' Sale, Bloomington, Ill. C. W. Hurt, Mgr., Arrowsmith, Ill.

Jacks and Jennets.

Feb. 24—H. T. Hineman & Sons, Dighton, Kan., and Dorsey Hutchins, Sterling, Kan. Sale at Sterling.

S. W. Kansas and Oklahoma

BY A. B. HUNTER.

Good Red Polled Bulls.

I. W. Poulton, Medora, Kan., proprietor of Rubyvale Farm, has one of the best herds of Red Polled cattle to be found in southern Kansas. His foundation stock was supplied by the best herds of the land and his herd bulls so selected that each succeeding crop of calves shows better and better. The writer recently visited this stock farm and looked over these cattle and to those who are looking for a good young Red Polled bull will say here is a rare chance to supply your wants. They

DUROC-JERSEYS.

Quivera Place Durocs

Spring Pigs now ready and going. Write for prices. E. G. MUNSELL, Herington, Kansas.

Stith's DUROCS

Sows and gilts bred to and young boars and gilts by Model Duroc, one of the best sires of the breed. His half brother and sister were grand champions. His sire was a champion. Write today. CHAS. STITH, Eureka, Kansas

Good E. Nuff Again King

Sensational Grand Champion; and Crimson Wonder 4th, second prize, Kansas Fair, 1913. Fifty head of great sows and gilts sired by and bred to these great boars. W. W. Otey & Sons, Winfield, Kansas. "The men with the guarantee."



Royal Scion Farm Durocs

The great Graduate Col., assisted by Col. Scion, heads this herd. Fall and spring boars, fall and spring gilts bred or open and fall pigs, either sex. G. C. NORMAN, R. 10, WINFIELD, KANSAS.



DUROC-JERSEYS.

Smith's Durocs Fashionably bred boars, including grandsons of the great Graduate Col., and a herd-heading son of the champion Tattarrax. Also spring boars. J. R. SMITH, NEWTON, KANSAS

MODEL AGAIN Duroc boars, \$15.00 Bred gilts, \$35.00 Immune. R. W. BALDWIN, Conway, Kan.

Dreamland Col.—Riverbend Col. March boars by these sires. Prices right. Write for descriptions and prices. Leon Carter, Asherville, Kans.

PIGS BY THE GRAND CHAMPION I am offering 25 Duroc-Jersey male pigs by Col. Wonder, 1st at the Mo. State Fair 1913, 1st and grand champion Mo. State Fair 1913. Write CHAS. L. TAYLOR, Olean, Missouri

DUROC-JERSEYS Herd boar, by Model Top, Watson's Col., 6 tried sows and fall pigs. Best of breeding R. C. WATSON, Altoona, Kansas

PERFECTION STOCK FARM Duroc-Jersey boars, Nov. and Dec. farrow, sired by sons of B. & C's Col.; Buddy K IV and Grand Master Col. First Choice \$25; Second choice, \$20 for next 30 days. Weight 150 to 175 lbs. CLASEN BROS., Union City, Oklahoma

MCCARTHY'S DUROCS Handsome fall pigs, either sex. Champion blood on both sides. Priced for quick sale. They will please you. Daniel McCarthy, Newton, Kan.

DUROCS OF SIZE AND QUALITY

Herd headed by a son of B. & C's Col. Immune spring boars and gilts of Tattarrax, Col., Ohio Chief and Neb. Wonder breeding at farmers' prices.

JOHN A. REED, Route 2, Lyons, Kansas.

Duroc-Jerseys—Big Type

Big, strong yearling boars. Early spring boars, summer boars and small boar pigs. Any kind of Durocs you want. Also Red Polled bulls, and Percheron stallions. Satisfaction guaranteed. Prices right. GEO. W. SCHWAB, CLAY CENTER, NEBRASKA.

CROCKER'S IMMUNE DUROCS

250 early spring pigs. Duroc-Jerseys, for sale. I ship on approval. No money down before inspection. Prize winning sires. F. C. CROCKER, Filley, Neb.

Red White and Blue Herd of Durocs

FIRESTONE (139461) Champion winner weighed 500 pounds at 11 months old. **WHISKEY** and **FAITH** 123017 Grand Champion at American Royal, weighed 500 lbs. at 18 months old. Great lot of prize sows in my herd. JAS. L. TAYLOR, OLEAN, MISSOURI.

Maplewood Farm Durocs

A few very choice March boars for sale reasonably. Choice spring gilts bred to order or open. Bred sow sale March 25. W. H. MOTT, HERINGTON, KANSAS.

TATTARRAX Herd DUROCS

Write us today describing the kind of Duroc boar you want. We have the best young boars we ever raised. They are by G. M.'s Tat Col., and the grand champion Tattarrax. Prices reasonable. HAMMOND & BUSKIRK, NEWTON, KAN.

Bonnie View Durocs

Bred gilts and fall pigs for sale. They are sired by Grand Champion Tat-A-Walla and S. & C's Col. Searle & Cottle, Berryton, Kansas.

HILLSIDE DUROCS

Some very choice fall boars and gilts sired by Dandy Model (by Dandy Lad and out of Lincoln Model) and out of high class sows. W. A. WOOD & SON, ELMDALE, KANSAS

BANCROFT'S DUROCS

We hold no public sales. Nothing but the best, offered as breeding stock. March and April boars and gilts weighing 175 lbs. and up, \$25.00. Gilts bred to order for spring litters, \$35.00 each. Sept. pigs about Nov. 1st, \$12.50 each. Customers in 10 states satisfied. Describe what you want. We have it. D. O. BANCROFT, OSBORNE, KANSAS.

POLAND CHINAS.

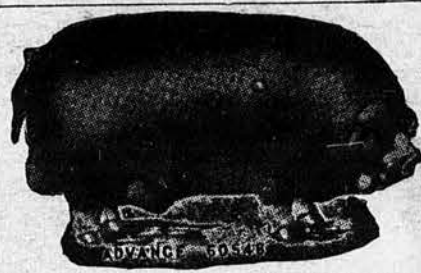
CHRISTMAS PRESENT PRICES

Big Type POLANDS That Are Big

25 gilts bred in Nov. and Dec. 10 yearlings to farrow in Dec. 50 summer and fall pigs \$20 each; 50 spring pigs, \$30 each. Bred gilts \$35 each. Yearling bred sows, \$40 each. Express prepaid. Howard Zahn, Concord, Ill.

15 Spring Boars

tops from 32, sired by Mogul's Monarch, Gebhart, and Long King. Also two good fall yearlings. Gilts reserved for Feb. 18 bred sow sale. Write for descriptions and prices. J. H. HARTER, WESTMORELAND, KAN.



1000 lb. Grand Champion, 11 in. bone

50 pigs, either sex, this fall farrow, sired by Kansas Mouw and out of sows by Advance. Others sired by Advance. These pigs are fine and priced for quick sale.

Paul E. Haworth, Lawrence, Kansas

(OFFICE AT NATIONAL HOTEL.)

O. I. C. HOGS.

ELM BROOK HERD OF O.I.C.'s.
Harry W. Haynes, Meriden, Kas.

50 O. I. C. Pigs Henry Kamping, Elmore, Kansas.

Registered Herd Boar, 400 lbs. \$50
80 Fall pigs, either sex. New blood for old customers. F. C. GOOKIN, RUSSELL, KAN.

Murray's O.I.C. Bred Sows
and gilts for sale. Fall and spring boars and fall pigs of both sexes. Chas. H. Murray, Friend, Neb.

SUNNYSIDE O. I. C. HOGS
Boars and gilts ready for service. Pairs not related. Best breeding. Priced to sell. W. H. LYNCH, READING, KANSAS.

EDGEWOOD O. I. Cs.
Three extra good early spring boars, also big growthy April gilts, open or bred to order. A few choice fall pigs. Mention Mail and Breeze. Henry Murr. Tonganoxie, Kans.

Grandview Stock Farm
Herd headed by O. K. Wonder. Choice O. I. C. May boars. January and May gilts bred or open. Priced for quick sale. ANDREW KOSAR, DELPHOS, KANSAS.

BOARS! BOARS! BOARS!
A great line of spring O.I.C. boars, large and growthy and priced at rock bottom prices to move them quickly. Booking orders on fall boars and gilts for December delivery. JOHN H. NEEF, BOONVILLE, MISSOURI

BERKSHIRES.

BUY BERKSHIRES FROM BAYERS. They sell SHORTHORN BULLS too. J. T. Bayer & Sons, Yates Center, Kan.

Hazlewood's Berkshires!
Choice spring boars and gilts priced to sell. Write today. W. O. Hazlewood, R. 8, Wichita, Kansas

BERKSHIRES - TURKEYS
For sale: One good 15 months' old boar, six choice March and April boars. Also spring gilts shipped open or will breed. 18 Bourbon Red Toms. Write J. M. NIELSON, MARYSVILLE, KANSAS.

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, Ks.

25-Boars, Sows-25 BERKSHIRES
Cholera Proof
If you want the real good kind we have them. SUTTON FARM, Lawrence, Kans.

Berkshire Pigs
Choice pigs, either sex, 10 to 16 weeks old, sired by ROBINHOOD PREMIER 2d, or Adam, a son of Rival's Lord Premier. Nothing but the very choicest specimens shipped. Price: registered, crated F. O. B. here - one \$20; two \$35; three \$50. W. J. CRIST, Ozawie, Kas.

HAMPSHIRE.

SPECIAL PRICES
on Pedigreed young Hampshire boars, bred sows and gilts. Call on or write, J. F. PRICE, Medora, Kan.

Registered Hampshires Spring boars and gilts priced to sell. Every hog properly vaccinated. C. E. LOWRY, OXFORD, KANSAS

Pure Bred Hampshires
Some extra choice, well-bred spring boar pigs for sale. ALVIN LONG, Lyons, Kansas.

F. H. Parks, Olathe, Kansas
The Hampshire pigs came in good shape. Am pleased with them. A satisfied customer. H. L. ANDERSON, Webster, Kansas.

JACKS AND JENNETS.

Kentucky Jack and Percheron Farms
Big bone Kentucky, Mammoth Jacks, Percherons and saddle horses. Catalogs Nov. 15. Cook & Brown, Lexington, Ky.

REGISTERED, BIG BONE, black Jacks and Jennets.
Fine individuals, best breeding. PRICE AND TERMS RIGHT. J. H. Smith, R. R. 3, Kingfisher, Okla.

JACKS and JENNETS
80 large boned, black Mammoth Jacks, 15 to 16 hands, standard. Guaranteed and priced to sell. The kind all are looking for; also good young Percheron stallion. References: 5 banks of Lawrence, 40 miles west of Kansas City, on Santa Fe and Union Pacific. AL. E. SMITH, Lawrence, Kan.

Jacks and Jennets
25 head of Black Jacks from 14 1/2 to 16 hands coming 3 to 6 years old; all stock guaranteed, as represented when sold. Also some good jennets. PHIL WALKER Moline, Elk County, Kansas.

one, of breeding age and a fine lot of dairy animals. Included will be five good Jersey cows all in milk and due to calve soon. Also 25 head of high grade Shorthorns consisting mostly of young stock. Pedigrees will be furnished with a few of these including one good, young bull ready for service. Do not miss this opportunity for buying purebred Holsteins and good dairy cows and heifers. Remember the date, December 30, Hutchinson, Kan. Write today for particulars, mentioning Farmers Mail and Breeze.

Holstein Dairy Cows.

W. G. Merritt & Son, Great Bend, Kan., are offering the best lot of high grade Holstein cows and heifers ever offered to the dairymen of the Southwest. They have at present over 100 head of cows and heifers that are from the best dairy herds of Wisconsin. They are the large type and the best marked and most uniform lot the writer ever saw. They are all acclimated and tuberculin tested and eligible to enter any state in the Union. They are practically all 15-16 pure bred Holstein and many of them if eligible to registry would be in the A. R. O. lists. Think of the 9 million acres of green growing wheat that Kansas has that is not being pastured and the millions of pounds of butter fat it could be turned into. The day of the dairy cow and silo is at hand. Do not fail to read the display ad on another page. A visit to this herd will make you want some of these good dairy cows and heifers. In writing please mention Farmers Mail and Breeze.

N. W. Kansas and S. Nebraska

BY JOHN W. JOHNSON.

Shuck's Duroc Boars and Gilts.

Dana D. Shuck, Burr Oak, Kan., has had a good demand for spring boars this fall and is sold out. He is now offering in his ad in the Jewell county breeders' section, boars and gilts for fall farrow, sired by Model Chief, a grandson of old Ohio Chief and Crimson Burr, by Pawnee Crimson by Crimson Wonder 2nd. The tops of his spring gilts have been reserved for his bred sow sale which will be held at Burr Oak, Feb. 21. If you can use some well bred fall pigs of either sex and not related at reasonable prices write Mr. Shuck mentioning Farmers Mail and Breeze. Look up his advertisement in the Jewell County breeders' section.

Excelsior Shetland Ponies.

W. H. Fulcomer, Belleville, Kan., proprietor of the Excelsior herd of Shetland ponies, has descriptive literature and beautiful pictures of his ponies which he will be glad to send free to anyone who is thinking of buying a pony. His prices are reasonable. He is making a business of raising Shetland ponies and has made several trips east where he bought from such importers and breeders as Geo. H. Simpson, of Wheaton, Ill., and Milne Brothers, of Monmouth, Ill. These men are recognized as the largest importers and breeders of Shetland ponies in the United States. Mr. Simpson visited Mr. Fulcomer's herd recently and pronounced it among the best herds in



Great Favorites of the Children.

the country. The above is a picture of a group of the Fulcomer ponies. In the stock parade at the Republic county fair this fall, Mr. Fulcomer entered what is likely the smallest team ever hitched. Two pony colts, the team weighing less than 250 pounds, were harnessed with cloth harness and hitched to a child's express wagon and driven by a small child. Look up Mr. Fulcomer's advertisement in this issue and write him.

Lamer's Percheron Auction.

Thursday, January 8, will be the big day for horsemen in central west Kansas; in fact for the whole state of Kansas and adjoining states. On this day C. W. Lamer will sell 41 head of Percherons, including stallions, mares and colts. There will be 20 mares, 7 stallions and 14 colts. The mares are all bred to two grand champion stallions. Our readers will remember the big stallion, Item, which Mr. Lamer imported in 1912. He was a sensation wherever shown and at the American Royal was made grand champion. At the time he was said to be the largest horse of his age ever imported from France. Here is a chance to get splendid mares bred to this outstanding stallion. Mr. Lamer imported Kangourou in 1913. This horse was awarded reserve championship at the American Royal last season. A number of the mares are bred to this horse. The stallions Mr. Lamer will offer in this sale consist of yearlings, 2 and 3-year-olds. All outstanding horses with plenty of weight, bone and action. The colts are a good lot, many of them weighing over 900 pounds and in the offering are the second and third prize winners at Iowa State Fair. In addition to the purebred horses Mr. Lamer will sell 50 head of high grade mares, most all of them in foal. Also 50 head of mare mules, weighing around 1,100 pounds. Everything will be in first class condition and sold on the day above mentioned. Write Mr. Lamer at once for his catalog and mention Farmers Mail and Breeze.

Amcoat's Shorthorn Bulls.

S. B. Amcoats, Clay Center, Kan., is offering for sale as choice a lot of young Shorthorn bulls as can be found in the West. They range in ages from eight to fifteen months and are solid reds. A few of them are pure Scotch breeding and all of them of the most desirable breeding. It will be remembered that Mr. Amcoats purchased the real cream of the Fred Gifford herd at Wakefield, Kan., two or three years ago and added it to his already strong herd of Shorthorns at Clay Center. Today it is pretty generally admitted to be the strongest herd in central Kansas. The writer was out to Cedar Lawn Farm, which is the home of this splendid herd and Mr. Am-

AMERICA'S FAMED HORSE DISTRICTS

This particular district, famed for Percherons. The Chandler herd noted for draftiness, substance and bone, is a strong factor in turning the tide to American-bred Percherons. Possibly not French fat, but bigger frames, stronger vitality, better feet and legs. American users love this useful type and get them from my big bunch reg studs, yearlings to foals. Write today. FRED CHANDLER, ROUTE 7, CHARITON IOWA.



LAWNSDALE STOCK FARM COACHERS!

We have a few of our great Oldenburg German Coach stallions and mares left and are pricing them for quick sale. Anyone wanting this kind of stock would make no mistake by investigating our herd at once. Write or call on us. JOS. WEAR & SON, BARNARD, KANSAS.



Bergner & Sons' German Coach Horses

German Coach Stallions at prices you will be able to pay for at one season's stand. Also mares and fillies; all good bone with plenty size, style and action and the best general purpose horse that has ever been imported. The St. Louis Fair Champion Milon 3159 and the Kansas State Fair prize winner Mephistoles 4221 at head of herd. We are pricing these horses to sell and guarantee satisfaction. Write today or call soon. J. C. BERGNER & SONS, Waldoock Ranch, PRATT, KANSAS.

54-Percheron Stallions-54

We have fifty-four as good Stallions as can be found in any herd from coming two year to five-year-olds. We can sell a better and bigger stallion for the money than any firm in the business. We fully guarantee every stallion. Write us what you want.

BISHOP BROS., Towanda, Kansas

Towanda is 22 miles east of Wichita on Mo. P. Ry.



Johnson's Shetland Pony Farm

Write me regarding Shetland Ponies. I have for sale 40 to 50 head of fine ones, spring colts, yearlings, coming two and matured stock. Registered mares or stallions. My herd runs strong to spotted, black and white, and I have Nebraska State Fair winners. Let the children have a pony. My prices are reasonable and every pony is guaranteed as represented. Write me now while I have a fine offering of spring colts on hand.

H. H. JOHNSON, CLAY CENTER, NEBRASKA.

Blue Valley Stock Farm

Largest Belgian Importing and Breeding establishment in the West. Importation of Belgian stallions and mares arrived Sept. 7th. Many of our horses were medal-winners at the foreign shows this year, all are sound, acclimated and ready for service. Lowest prices and safest guarantee of any firm in the business. Also a few extra good Percherons. Write us.

W. H. BAYLESS & CO., Blue Mound, Linn County, Kans.



Imported Percheron Stallions

Each year I select 35 or 40 horses in France, so good and so correct in type, that any one of them will prove a great benefit to the man who buys him. I have a new lot now. At the Shows of the Southwest Circuit, our horses won every Championship and every Group of Five in 1913, as they have done most of the past five years. Our horses are handsome—our contract just and right—our insurance the very best. Come or write.

PERCHERON IMPORTING COMPANY

Charles R. Kirk,

St. Joseph and South St. Joseph, Mo.



Percherons and Belgians

The best lot of imported two and three-year-olds in the West. Am going to sell them down very reasonably and give an absolute gilt-edged guarantee good two years. Come and see them.

Dr. W. H. Richards, Emporia, Kansas

Barn, 4 blocks from A. T. & S. F. Depot.

Robison's Percherons

175 Head on the Farm. Stallions and Mares all ages for sale. Herd headed by the Champion Casino 27830 (45462). Send for farm catalog.

J. C. ROBISON, Towanda, Ks.

125 Stallions and Mares
CHEAPEST PLACE IN AMERICA TO BUY.

One Dollar Saved is Two Earned.

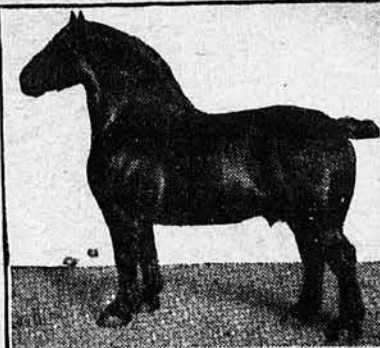
THIS IS WHAT WE DO FOR YOU.

American bred draft horses as low as \$300. One hundred imported horses, the cream of Europe at prices unequalled on earth. Two-year-olds from 1650 to 2000 pounds now—with a world of bone and quality. 40 head of real brood mares; big, rugged; matched pairs of blacks, grays and bays; all bred and safe in foal by our herd horse.

We more than meet competition, we create it.

Write and see what we say.

L. R. WILEY, Route No. 9, Emporia, Kansas.



MULE FOOT HOGS.

Mule-Footed Hogs The coming hogs of America; hardy, robust, disease, the best sows known; pigs to sixteen weeks old, 900 pair. **CHAMBERLAIN, DR. W. J. CONNER, LAURETTE, KANSAS.**

FURNISHED HORSES.

TWO PERCHERON Stallions

One-year-old black and bay; both from imp. stock. Prize winners at County Fair. **DUROCH: 24** bears and gilts 5 months old. Write for prices and particulars. **CARL BEISE, LUCAS, KANSAS.**

A. M. DOLL & SON'S PERCHERONS

Two two-year-old black stallions for sale, sired by Black Diamond of Brilliant breeding. Extra size, bone and quality, with style. For information, prices, etc., address **A. M. Doll & Son, Washington, Kan.**

Excelsior Shetland Pony Farm

Registered and High Grade Ponies for Sale
W. H. FALCOMER, Bellefonte, Kan.



Dispersion Sale

Percherons, Jacks and Holstein Cows
One black Percheron stallion 3 yrs. old, wt. 1500 lbs.; one dark bay imported German coach stallion 3 yrs. old, wt. 1600 lbs.; one Standard bred stallion, **Pactolus** bred No. 5585, wt. 1250 lbs.; one black mammoth head Jack, 15.5 (4 yrs. old) wt. 1100 lbs.; one black Jack 5 yrs. old, wt. 1000 lbs.; four young Holstein cows, all giving a big flow of milk and all gentle. My reason for selling these cows is that I am going to build up a pure Guernsey herd.
O. L. THEISLER & SONS, CHAPMAN, KANSAS.

WOLF BROTHERS are home again with a BIG IMPORTATION of the best

Percheron and Belgian Stallions and Mares

that could be found in Europe. Write for free photographs from life
WOLF BROS., Albion, Neb.

LIVESTOCK AUCTIONEERS.

J. P. Oliver Newton, Kan. **Livestock and Real Estate Auctioneer.** My 26 years experience insures better results.

Spencer Young, Osborne, Kan. **Livestock Auctioneer.** Write for dates.

JAS. W. SPARKS Live Stock Auctioneer **MARSHALL, MO.**

W. C. CURPHEY, Salina, Kansas Write, phone or wire for dates. Address as above.

COL. T. E. GORDON, WATERVILLE, KANSAS Merchandise Auctioneer. Write for open dates.

CHAS. M. SCOTT Livestock Auctioneer **Hiawatha, Kansas**

G. A. Drybread The Auctioneer **Elk City, Kan.** Live Stock and Farm Sales made anywhere. Prices reasonable. Give me a trial. Satisfaction guaranteed.

JESSE HOWELL Merikimer, Kan. **Livestock Auctioneer** Write or phone for dates.

Jas. T. McCulloch, Clay Center, Kan. Reference: The breeders I am selling for every year. Write for open dates.

B. B. BROADIE Livestock Auctioneer **Winfield, Kas.** Write or phone for dates.

L. R. BRADY Manhattan, Kansas **Livestock Auctioneer** Write or wire for dates.

Will Myers **Elk City, Kan.** is already booked on leading breeders' sales in Central Kan. **Elk City, Kan.** dates still open. Write or wire.

W. B. Carpenter Livestock Auctioneer **1400 Grand, KANSAS CITY.** Also Land Salesman

John D. Snyder HUTCHINSON, KANSAS **LIVE STOCK AUCTIONEER** Wide acquaintance and practical knowledge of draft horses and pure bred live stock, all breeds.

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. Write today for big, free catalogue of Home Study Course, as well as the Actual Practice School. Next term opens Jan. 5, 1914.

MISSOURI AUCTION SCHOOL Largest in the World. **W. B. Carpenter, Pres.** 1400-04 Grand Ave., Kansas City, Mo.

RED POLLED CATTLE.

FOSTER'S RED POLLED CATTLE Write for prices on breeding cattle. **O. F. FOSTER, R. R. 4, Eldorado, Kansas.**

coat's well improved farm, last Saturday. We had the opportunity of looking at the bulls that are for sale and also at the breeding cows in the herd which are splendid specimens of the world's popular breed. There is no question about the high quality of these young bulls and about the price being very reasonable. Mr. Amcoats is very anxious that anyone desiring a good young bull should see his offering before buying elsewhere. He will be glad to answer promptly any questions about these young bulls and give you prices on them. Mr. Amcoats also breeds Poland Chinas of the larger type and has for sale a two-year-old, Big Orange, herd boar at a very reasonable price. Write for prices and descriptions and kindly mention *Farmers Mail and Breeze*.

N. E. Kansas and N. Missouri

BY C. H. WALKER.

Denton's Angus Bulls.

W. G. Denton of Denton, Kan., is offering a few choice ready-for-service Angus bulls, sired by prize winning bulls and out of the herd's best cows. Few herds in the West equal this one for production of high class breeding stock.

Grist's Berkshires.

One of the West's largest Berkshire breeding establishments is maintained at Osawatie, Kan., by W. J. Grist. Quality as well as quantity is the motto. Note advertisement elsewhere for special offer of breeding stock from this good herd.

Good O. I. C. Boars.

Henry Murr, Tonganoxie, Kan., has for sale three extra good spring boars, a toppy lot of big April gilts, open or bred to order and a choice lot of fall pigs, either sex, for sale at prices that will suit. Mention this paper when writing him.

Riverdale Farms O. I. C.'s.

The best in O. I. C. boars and gilts from one of the big herds of the country is what **Jas. H. Neel** of Booneville, Mo., has to offer. A great line of spring boars and summer and fall pigs of either sex offers good selection. They are cholera immune, too.

Sommer-Blatz, Guernseys.

Reliable Guernsey cattle of either sex and most any age are being offered for sale by **Ernest Kenyon** of Nortonville, Kan. The foundation for this herd was selected from the best in New York, Wisconsin and Iowa. Special values in young stock and a tried herd header.

Kirk's Imported Percherons.

The combination of beauty, scale and utility are to be found in the Percheron horses imported each year by **Chas. R. Kirk**, of South St. Joseph, Mo. The Percheron Importing Co. now has on hand 35 to 40 head of the best produced in France and await your personal inspection. This year's state fair winners also for sale.

Robinson's Mammoth Poles.

Poland China pigs from 700 pound sows and sired by boars weighing from 800 to 1,025 pounds—prize winners at the leading shows of the country—and an absolute guarantee that you must be pleased or your money back, is the proposition offered by **F. P. Robinson** of Maryville, Mo. Write him.

Dean's Mastodon Poles.

Combining size, bone and quality with immunity from cholera makes the big type Poland Chinas bred by **Clarence Dean** of Weston, Mo., mighty good buying propositions. Those who haven't used a Dean bred boar or sow have missed out on the good kind. Mr. Dean invites correspondence and personal inspection of his stock. His prices are reasonable.

Last Call for Lacy's Sale.

R. B. Lacy will make a public sale at the farm near Meriden, Kan., on Tuesday, December 23. He has sold his farm and on this date will sell all of his livestock, implements, hay and grain. Among the horses to be sold in this sale are some high class purebred Percherons. The cattle include a lot of good dairy cows. There are 16 head of sheep and 24 head of Duroc-Jersey hogs. Also a complete line of farm poultry. For breeding and description of the horses, cattle, hogs and sheep see ad which appears in this issue.

Col. Chas. M. Scott.

To breeders contemplating winter and spring sales of hogs, cattle or horses, who have not as yet booked their auctioneer, we recommend the services of **Col. Chas. M. Scott** of Hiawatha, Kan. Col. Scott besides a graduate of the Missouri Auction School is a practical farmer and stockman and formerly was a breeder at Hiawatha. He is conversant with values and blood lines of all breeds and is in a position to render valuable service. His terms are reasonable considering his ability. Write or wire him for dates at Hiawatha, Kan. Kindly mention the *Farmers Mail and Breeze* when corresponding.

Planning For Big Hog Year.

Joe Schneider, Poland China breeder of Nortonville, Kan., thinks 1914 will be a big year for hog breeders and is laying his plans accordingly. He is breeding 20 big type sows for his own use and has a number of summer gilts which will be bred for later litters. Guy's Expansion, the good son of Expansion that has been chief stock boar for some time, will be assisted by **Referendum 2d**, the toppy pig bought of **H. B. Walter** this fall. This pig is by **Referendum** and out of a dam by the prize winning **Big Tom**. With these two boars and the excellent herd of sows Mr. Schneider will be in a position to meet the heavy demand for his stock. The herd is in good shape now and special care will be given the spring litters.

Dean's Immune Mastodons.

Clarence Dean of Weston, Mo., was one of the first breeders in Missouri to establish a herd of the extra big type Poland Chinas and he has succeeded with them to the extent that he has invaded Iowa, Nebraska, Illinois, Dakota, the home of the big ones, and has made sales in practically all the southern states. It just goes to show that he breeds the right kind and that they are in demand from the best breeders all

ANGUS-ANGUS.

Angus Bulls and Heifers SUTTON FARM

Have 30 splendid heifers and 30 extra good bulls priced to sell. Write us today.
SUTTON & PORTER, R. C. Lawrence, Kan.

Angus Cattle

A select lot of ready-for-service bulls for sale, best breeding and right individually.
W. G. Denton, Denton, Kan.

SHORTHORNS.

Cedar Lawn SHORTHORNS

A fine lot of Scotch and Scotch Topped bulls ranging in ages from 3 to 15 months. Priced low considering quality and breeding.

Also my two-year-old, Big Orange, herd boar at a bargain.
S. B. AMCOATS, Clay Center, Kan.

SHORTHORNS.

Shorthorn Cattle

Pure Scotch and Scotch-topped cattle. The milking strain. No nurse cows needed on Oxford farm. **Baron Cumberland** at head of herd. Six young bulls, six heifers and twelve cows for sale. Correspondence and inspection solicited.
DR. W. C. HARVEY, LENEXA, KAN.

Pearl Herd of Shorthorns

Choose young bulls—last spring calves—either Scotch or Scotch-Topped breeding. Well grown and in good growing condition. Can ship via C. R. L. & P., A. T. & S. F., U. P., and Mo. Pac. Address

C. W. TAYLOR

ABILENE : : KANSAS

OVERLAND GUERNSEY FARM

THE FINEST HERD OF IMPORTED GUERNSEYS IN THE COUNTRY

Imp. Moss Raider, a strongly bred May Ross bull and Imp. May Royal, a line bred Golden Secret, Chief stock bulls. Cows and heifers of best imported strains. All cows tested for advanced registry. In order better to introduce the Guernseys in the West, we will make attractive prices on young bulls and cows and heifers, bred and open. Special inducements to new breeders in herd foundation material. If you wish to improve the quality and production of your milk, cream and butter, use a Guernsey sire. Unsurpassed in constitutional vigor, adaptability, and richness of product. Correspondence invited—your personal inspection preferred. Call on or address

Overland Guernsey Farm, Overland Park, Kan.
C. F. Holmes, Owner. W. C. England, Mgr.
Eight miles S. W. of Kansas City on Strong Line. Station on Farm



PEGGY OF OVERLAND (Trade Mark)



F. W. Duvington, Pres.

Jewell County

Breeders' Association

Members of this association, advertising below will offer nothing but first class animals for sale for breeding purposes.



A. W. Kyo, Secy.

O. I. C. HOGS.

O. I. C. SEPTEMBER PIGS for sale also White Holland Turkey toms.
DR. W. W. SPENCER, Mankato, Kansas

POLAND CHINAS.

A. R. REYSTAD, Mankato, Kan. Breeder of high-class Poland Chinas. Member Jewell Co. Breeders Association. Correspondence solicited

Polands, Shropshire Sheep 100 Spr. pigs, both sexes, strictly big type. Ram lambs. Write for prices. **Ira M. Swihart & Son, Webber, Kan.**

50 BIG BOARS Spring farrow. Big and smooth. Priced to sell. Also choice gilts. Bred Sow Sale March 10.
JOSHUA MORGAN, HARDY, NEBR.

Three June Boars sired by Jumbo Ex. Toppiest I have ever raised. For sale right. Bred Sow Sale March 4. **JOHN KEMMERER, Mankato, Kas.**

Six Fall Boars that are good for sale reasonable. Big growthy kind. **IRA C. KYLE & SON, MANKATO, KAN.**

FALL AND SPRING BOARS for sale. Also spring gilts and summer yearlings. Bred Rocks, R. I. Reds and W. Wyandottes. **W. A. McINTOSH, Courtland, Kan.**

PRIVATE SALE Spring boars and gilts. Also fall gilts. Best of big type breeding. Ask for prices and descriptions. **TUDOR J. CHARLES, Republic, Kans.**

DUROC-JERSEYS.

Chico's—Bourbon Red Turkeys Spring birds priced low if you write at once. **Bourbon Red Turkeys** at \$2.00 each.
E. M. MYERS, BURE OAK, KANSAS

Marsh Creek Durocs Headed by Crim son Defender. Sold out on Boars. Something choice later. Everything Immune. **E. F. Wells, Formoso, Kan.**

25 SPRING BOARS of fashionable breeding. Priced to sell. Bred sow sale January 29. Ask for prices and descriptions. **N. B. PRICE, Mankato, Kan.**

Fall Boars and Gilts Sired by Model Chief and Crim son Barr. Pairs and tries not related. Bred Sow sale at Bure Oak, Feb. 21.
DANA D. SHUCK, BURE OAK, KAN.

50 Duroc Brod Sows Feb. 9. Five spring boars for immediate sale. Good. Write for Brod sow catalog.
E. A. TRUMP, FORMOSO, KANSAS.

SPRING BOARS for sale reasonable. Write for descriptions and prices. Up to date breeding. Also a few gilts. **R. C. MADSEN, JEWELL CITY, KAN.**

10 Good Spring Boars priced right to move them quick.
JOHN McMULLEN, Formoso, Kansas

40 SPRING PIGS of March and April farrow. Priced to sell. No public sale this season.
O. C. THOMAS, WEBBER, KANSAS

HAMPSHIRE HOGS.

HAMPSHIRE PIGS of Spring farrow. Priced reasonable. Also unusually good herd boar proposition.
ROY HAGGART, MANKATO, KANSAS.

SHORTHORNS.

Oscar Green's Shorthorns Popular breeding. Stock for sale. A good herd bull proposition.
OSCAR GREEN, MANKATO, KANSAS

POULTRY.

R. C. White Wyandotte Cockerels, choice stock \$1.00 each. If taken soon. Also 7 Duroc Jersey boars. Chilled Poultry and Stock Farm, Mankato, Kan.

White Holland Turkeys Toms \$4.00 to \$6.00. Hens \$3.00. 50 for sale. My Duroc Jersey bred sow sale Jan. 29. Everything immune. **W. E. Monasmith, Formoso, Kan.**

White Holland Turkeys White Rocks, White Cochins Bantams, Pekin Ducks, White Fan Tail Pigeons. Stock for sale. **A. T. Gorman, Courtland, Ka.**

GUERNSEY CATTLE.

W. E. EVANS, Jewell, Kan. Breeder of Guernsey cattle. Nothing for sale now, but watch this space.

JERSEY CATTLE.

100 JERSEY COWS AND HEIFERS Health test with each animal. Write for prices and descriptions. **J. W. BERRY, JEWELL CITY, KANSAS.**

D. S. FOLLED DURHAMS.

Cows and Heifers also last spring bull calves at \$100 each if sold this fall.
R. T. VAN DEVENTER & SON, Mankato, Kansas.

PERCHERONS.

PERCHERON Stock for sale. Always good horses in service.
H. G. MYERS, HARDY, NEB.

AUCTIONEERS.

John Brennon & Son **Livestock Auctioneers** **ESBON, KANSAS** WRITE OR PHONE FOR DATES

W. S. HOYT, MANKATO, KAN. Write or phone **Livestock Auctioneer** for dates.

Frank Regan **Livestock Auctioneer** **ESBON, KAN.** WRITE OR PHONE FOR DATES.

Ole Hanson, Livestock Auctioneer **Mankato, Kan.** Write or phone for dates.

DAN GALLAGHER, Jewell City, Kan. **LIVESTOCK AUCTIONEER** Write or phone for dates.



Wanted!

**Young Men Everywhere — To Fill Positions
At Salaries of \$75 To \$200 Or More Per Month As**

Auto Salesmen, Demonstrators, Drivers, Repair Men and Garage Managers

Are you one of the thousands of young men on a farm who wish to better their condition? Are you one of those who would like to become an expert so you can quickly repair any make of automobile, farm tractor or gasoline engine on the market? Do you wish to qualify yourself so that you can open a garage, repair shop and automobile agency in your home town and become a respected business man of your community? If you wish to stay on the farm, I have something for you that will make you a better farmer, but if you are discontented with your present outlook and are ambitious for something bigger and better, I have a message of great importance—this invitation to join the rapidly increasing ranks of contented workers in the newest and greatest industry in the world.

Automobile experts are in demand everywhere—in the cities and the towns and the villages throughout the world. The work in this great industry is not only interesting, healthful and honorable—but the hours are much shorter, the work is play compared to farming, you have an opportunity to see the world and you receive a salary which averages far above what you could earn on the farm or in any other trade or profession with the same amount of preparation and in the same amount of time.

There are hundreds of positions open right now which pay salaries of from \$75 to \$200 or more per month. These positions are offered by automobile manufacturers, distributors and owners in every state in the Union.

It is my mission in life to prepare young men for these positions. The very fact that I have built up here in Kansas City the largest automobile training school in the world and have placed hundreds of young men in big paying positions during the past few years is proof that my methods are right. Investigate the matter a little and you will find that the highest salaried automobile salesmen, demonstrators, drivers, repairmen and garage managers are the men who were trained for the work at my big School.

I have greatly enlarged my school and equipment and have room for 75 more young men who may desire to enter the winter classes now forming. In from 4 to 8 weeks you can complete your training here as an automobile expert.



New and Complete Course in Electric Starting and Lighting —Also Course in Tractor Engineering

In order to fill up my winter classes at once I am going to make an offer more liberal than was ever made before. I have issued a limited number of free scholarship certificates similar to the greatly reduced copy shown here. If you answer this advertisement at once you will receive one of these Scholarship Certificates which will entitle you to my special and complete courses in electric starting and lighting included with the regular automobile training course at no extra cost.

There are many good positions in this work and the pay is exceptionally high. You get our complete course in tractor engineering absolutely free of any additional cost if you hold one of our free scholarship certificates and enroll with my school during the organization of my mid-winter classes.

Don't overlook the value of this opportunity! I do not believe you will ever find a better opportunity to get into an interesting and big paying line of work than the one which I am offering you now. There is not a better school in America. In fact, you cannot secure anywhere in the world the same high-quality training in the same short time and at the same amount of cost that you secure here.

Simply by cutting out the coupon below and sending me your name and address at once you secure one of my \$50 free scholarship certificates entitling you to my complete courses in electric starting and lighting and tractor engineering without one cent of additional cost.

FREE

ing, and tractor engineering. These courses, worth \$50 cash, will be whatever to those who hold one of these Free Scholarship Certificates. I give the most complete and practical training in electric starting and lighting to be secured anywhere in America. I have all of the latest electric and air self-starting systems and train you thoroughly in every feature of this wonderful new step in automobile engineering. You must understand the construction and operation of all these up-to-date self-starting and lighting systems if you are to take rank as an up-to-date automobile expert. The Self-Starters is the greatest improvement that has been made in automobile construction in years. The tiresome and dangerous work of cranking is now a thing of the past. All up-to-date cars are equipped with a self-starter and if you want to be an up-to-date automobile expert you will appreciate the value of this free course offer.

The Free Scholarship Certificate also entitles you without extra cost to complete training in tractor engineering. There is a big opportunity ahead of the man who is well trained as a traction engineer and mechanic.

I Can Show You Scores of Letters Just Like These!

THE STUDEBAKER CORPORATION.
Automobile Department.
Kansas City, Mo.
Automobile Training School,
Kansas City, Mo.

Gentlemen: No doubt you will be pleased to learn that one of your graduates has been promoted to the position of Road Expert. The balance of the boys in our employ who came from your school are doing exceptionally good work. You have the unqualified endorsement of the local Studebaker Agency.

Yours very truly,
THE STUDEBAKER CORPORATION,
By J. L. Purcell,
Manager Retail Dept.

WINTON MOTOR CAR COMPANY.
Manufacturers of
Winton Motor Cars, "WINTON SIX"
Kansas City, Mo.
Automobile Training School,
Kansas City, Mo.

Dear Mr. Rahe: Our master mechanic at the Kansas City Branch, Mr. Hucks, is an auto expert in every sense of the word. He tells me he owes everything to your practical training school. It is a pleasure to see the splendid work you are doing. The business needs more trained automobile men.

Yours truly,
THE WINTON MOTOR CAR CO.,
By Geo. Arbuckle, Mgr.

THE ADMIRAL GARAGE AND REPAIR WORKS, Kansas City, Mo.
Mr. H. J. Rahe, President,
Automobile Training School,
Kansas City, Mo.

My Dear Mr. Rahe: For the past three years nearly all of our mechanics have been graduates of your school. It is a pleasure to state that they handle delicate repair work on magnetos and coil boxes like factory experts. It has often puzzled the writer that such expert knowledge could be drummed in a man's head in such a short time. Wishing you continued success we remain,

ADMIRAL GARAGE,
W. A. Flusher, Mgr.

SCHERRER AUTO REPAIR CO.
Automobile Specialists,
Automobile Training School,
Kansas City, Mo.

Gentlemen: The other night at a meeting of the Automobile Repairmen's Association, the members in general discussed the plan whereby they could hire competent Auto Repairmen.

It was then that I learned that nearly every garage repair shop and agency in Kansas City are hiring your students exclusively. Hereafter when we are in need of competent help we will communicate with you.

THE SCHERRER AUTO REPAIR CO.,
By Chas. J. Scherrer, Mgr.



Notice to Employers:

Concerns desiring the services of trained men as Repair Men, Salesmen, Garage Managers, Demonstrators or Drivers or Tractor Experts at salaries of \$15 to \$50 a week are requested to communicate with us. The service is gratis.

Free Course Coupon

Mr. Henry J. Rahe, Pres.
AUTOMOBILE TRAINING SCHOOL
1062 Locust St., Kansas City, Missouri

Dear Sir—You may send me free and postpaid your big 48-page illustrated book. You are also to issue in my name without cost to me one \$50 Free Scholarship Certificate covering course in electric starting and lighting, and tractor engineering, providing I send this coupon at once before the offer is withdrawn.

My Name

Postoffice

R. F. D. County State

Your name and address sent to me at once on the accompanying coupon will place in your hands the full details of one of the greatest opportunities ever offered to the young man on the farm! Just as soon as I receive your name and address I will send you free and postpaid my big illustrated catalog telling all about my big school and containing scores of interesting pictures of the school, different class rooms, the instructors, and interesting points around Kansas City. The book also contains many convincing letters from successful graduates and from big manufacturers and distributors who employ my graduates and endorse my system of instruction. It is a big 48-page book and will be mailed to you free and postpaid. If you send the coupon at once I will also send one of my \$50 Free Scholarship Certificates as explained above. Remember this is not a correspondence school. You come direct to the school in Kansas City and receive practical and personal training under the direction of America's most expert instructors. Four to eight weeks should qualify you for a high-salaried position. Board and room will be obtained for you at very small expense near the School. You will enjoy the time you spend here and you will be equipped for big money-making in the greatest of all modern industries. Clip the coupon and send your name and address today.

Automobile Training School Largest in the World
HENRY J. RAHE, Pres., 1062 Locust St., Kansas City, Mo.