

The FARMERS MAIL AND BREEZE

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No. 50.

Crop Rotations Are Needed

A Larger Acreage of Legumes Also Must Be Grown

CROP yields have suffered an astonishing decline in Kansas. The average yield of corn, for example, from 1875 until 1880 was 41.2 bushels, while in the five years ending with 1913 the average yield was but 18.9 bushels. In Cherokee county the average yield of corn is but 13 bushels.

Thousands of fields of grain are grown in Kansas every year that produce yields below the cost of production. Good profits can be made with grain crops only by getting returns that are above the average. These high yields cannot be maintained at a profit when the one-crop plan of grain farming is used.

Kansas needs a good crop rotation system on every farm and on every field. A well-planned rotation always has a prominent place for a leguminous crop, such as alfalfa, red clover or cowpeas. The acreage of these crops in Kansas ought to be increased to several times the present area.

There is an encouraging interest in better cropping methods. That is why the acreage of alfalfa in Kansas increased from 458,485 acres in 1902 to 1,000,783 acres in 1912 and to the present planting of about 1,200,000 acres. But the acreage of legumes is not nearly large enough yet.

Of the 52 million acres of land in Kansas, about 30 million acres, or 69 per cent, is under cultivation. The 1,200,000 acres of this that is in alfalfa, the state's most important and profitable field crop, is a distressfully small proportion. Kansas

agriculture would be more profitable if this acreage were three times the present area.

Diversify your crops. One-crop farming is a lazy system—it is a relic of the inefficient methods of the dark ages. We don't need it here in Kansas to drag down the yields and profits.

Feed these crops to livestock, and thus still increase the profits. Livestock farming is the most nearly permanent and the most profitable system for this state. A system of agriculture founded on good crop rotations, legumes and livestock leads to big houses and barns and to contented homes.

But on a fearfully large percentage of Kansas farms the operations are not based on this substantial foundation—instead they are based on a fundamentally wrong system of corn after corn or wheat after wheat. The ultimate fate of every person who follows a system of this kind is poverty—it is always waiting for him at the end of the trail.

You owe it to yourself, to your state and to your nation to handle your soil so its fertility will be conserved. For there are millions yet unborn who must depend on this land for their food. Even more than this you owe it to your wife and your children to handle the fields so the greatest returns may be made. For this will lead to the development of a good home, and to the upbuilding of the schools and churches which are essential in founding the best country life.



A Good System of Crop Rotation Leads to Large Grain Yields.





THE FARMERS MAIL AND BREEZE

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



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Tomato Girls

More Than a Ton From 1-40 Acre is the Record That Took First Place

By V. V. Detwiler

MORE than a ton of tomatoes, 2178 pounds is the exact amount, were grown on a plot of ground 33 feet square by Bertha Readicker of Louisburg, Kan., this year. She won first place in the Capper Girls' Tomato contest, and will receive a trip to the State Farmers' institute at Manhattan, December 28 to January 1, for her prize. Georgia Griffith, Cedar Point, is second in this contest. She grew 1806 pounds of tomatoes on her plot of ground. Her prize is a Seneca folding camera. The third prize, a bronze medal, was won by Audie Sprout of Neosho Falls. Her record was 1458½ pounds of tomatoes.

The next 10 records range from 1358 pounds to 736 pounds. These 10 girls get honor diplomas. Every one of these records is remarkably large. The girl who took thirteenth place produced tomatoes at the rate of more than 14½ tons to the acre. Any farmer would be proud of such a yield.

If Bertha Readicker had grown an acre of tomatoes that yielded as well as those on her smaller patch, she would have had 43 tons. It is just as well that Bertha had only 1-40 of an acre, don't you think? Because 43 tons of tomatoes is too much for a 14-year-old girl to try to can, sell and give away.

Because her record was so remarkable and because she wished everyone to be sure that there was no mistake Miss Readicker made an affidavit before a notary public that her report was correct. She also sent letters from the Rev. R. R. McNamara, and from her teacher, Miss Almah Dagenett.

"I planted my tomato seed in a box 2 feet by 3 feet, by 9 inches deep," said Miss Readicker. "When they were about 2½ inches tall I transplanted them in the garden. I gave them tender care until they were strong enough to be placed

in the lot that had been prepared for them.

"Papa plowed the lot for me, and I set them out in the evening, after my other work was done. I carried water from the creek, which was near my tomato lot. The tomato vines grew wonderfully. The green tomatoes grew rapidly, too, when they set on. I had 12 or 15 that weighed 1½ pounds each.

"There were two floods last summer that overflowed my tomato lot. The water was 5 feet deep where my plants were growing. I hoed my tomatoes after the flood, and then cultivated them. Later in the season I hoed them twice more, and pulled the weeds.

"Tobacco worms, potato bugs, and tomato rot were the things that caused me the most trouble. The tobacco worms came first, but it was not very difficult to get rid of them. The potato bugs came in droves of 50 or 60, and I got rid of most of them by driving them right on through the patch in the way they were going. Potato bugs eat holes in the green tomatoes and cause them to rot.

"Some loss was caused by tomato rot. This rot was due to the tomatoes lying on the damp ground. The only remedy was to mulch with straw or brush before the plants began to vine. The vines that were treated this way, yielded large sound tomatoes.

"I canned 6 bushels of tomatoes at home, and sold 33 bushels as fresh fruit at \$1 a bushel. I took 31 pounds to the Paola county fair and sold them for 60 cents."

Georgia Griffith, who won the second prize, is 12 years old. The frost killed her first planting, and so it was almost the last of May before all of her tomatoes were transplanted. She kept the patch free from weeds, and hoed the ground after every rain, so as to keep it free from crust.

"I hilled my plants in July when the dry spell came, so as to hold the moisture around them as long as possible," she said in telling about her experiences. "Mamma told me that I must cut off the tops of the Pink June tomatoes the last of July. I did this and the fruit began to grow and ripen. Then I pinched the tops off my Kansas Standard vines. This made them stop growing and they put on fruit, six and seven in a cluster. I cut the tops off again in September, and the vines were full of fruit Oct. 15.

"Tomato plants must not be hoed after they are in bloom, because it

makes them grow, instead of producing fruit. The tomatoes in my patch were smooth, solid, very large, and did not crack open."

The ground used by Audie Sprout, who won third place, was in potatoes last year. It was plowed in the fall. An application of barn-yard manure was made in the spring, and this was plowed under. Telling about transplanting the young plants, she says:

"I dug a hole large enough to hold the roots without bending them. Some of my plants had roots 6 inches long. I pulled the moist soil around the plant, covering the roots. A pint of water was then poured on this soil. When the water had soaked away I pulled dry dirt over this moist earth, and pressed the soil more firmly around the plant."

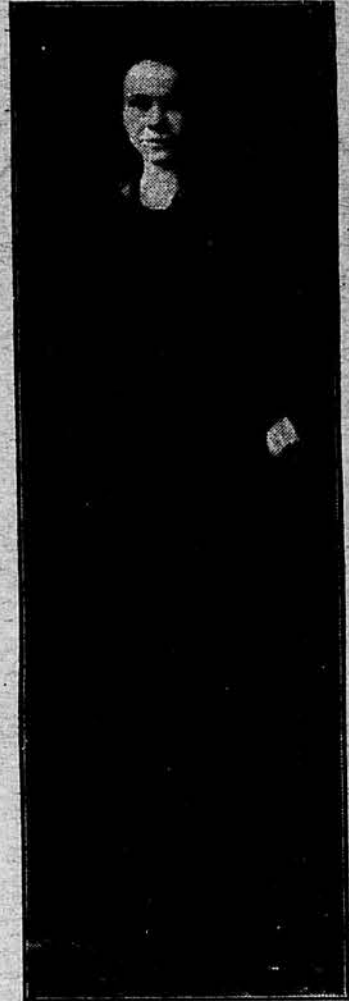
Only one plant died for Miss Sprout, so her method of transplanting must be right. She hoed her plants May 20, cultivated them May 28, cultivated and cross-cultivated them June 4, and gave them a final hoeing June 13.

"I have learned one thing about successful tomato growing, that I consider essential," she says. "Get the seed and plants in to the ground as early in the spring as possible. If the summer proves to be dry the plants will get a start before the dry weather begins, if they are planted early."

Here are the names of the girls who won honor diplomas, and the records they made: Erma Johns, Emporia, grew 1358 pounds of tomatoes. Opal Haynes, Girard, picked 1324 pounds from her patch. Olive Early, Harveyville, reports a total of 1247½ pounds. Esther Dizmang, Xenia, had 1034 pounds to show for her effort. Eula Johns, Emporia, gathered 965 pounds during the season. Nora Chandler, Emporia, had 881½ pounds after the last picking was made. Gladys Chandler, Emporia, has a record of 829 pounds. Carrie Hayden, Devon, grew a crop of 780½ pounds of tomatoes. Edna Bruner, Wauneta, had 742 pounds at the end of the season. Lillian Casebolt, Burden, reports a yield of 736 pounds.

It took Edna Bruner two weeks to rid her tomato patch of worms. She admits that she had little time to do anything but care for her vines, while this pest was bothering. She kept working early and late until there was not a worm left.

"I began transplanting my tomatoes April 25," said Olive Early. "The early



Bertha Readicker, Winner of First Prize

planting yielded much more than did the vines that were set out later. The late vines grew very large, but they did not bear so well. Tomato vines should be mulched. This keeps the tomatoes from rotting when the ground is wet, and it helps keep the roots moist when dry weather comes."

"It was no trouble to find a market for all the tomatoes I had to spare," admitted Lillian Casebolt. "Families for miles around engaged all that I could spare. I sold the tomatoes at 3 cents a pound. We canned and pickled a great many ourselves."

There were ripe tomatoes in Erma Johns's patch July 5, and her vines continued to yield well until October 10. Opal Haynes says that she has 100 gallons of canned tomatoes and pickles from her tomato lot. Almost all the girls in the contest tell about their experience in putting up tomatoes for winter use. After these girls went to the trouble of growing their tomatoes they did not let any of them go to waste, you may be sure of that.

A great many other girls worked hard, and grew large quantities of tomatoes, but were not able to equal the pace set by these prize winners. "It is too bad that there are not 130 prizes instead of 13, because it would be easy to pick out that many girls in the club who produced results of which they have a right to be proud.

These girls have the Kansas spirit that does not succumb to defeat. Almost all of them said that if they did not win a prize this year they would try again next year. Girls like that are worth while, whether they won a prize this year or not.



Georgia Griffith, Second Prize Girl



Opal Haynes in Her Tomato Patch

DEPARTMENT EDITORS

Livestock Editor.....Turner Wright
Field Editor.....F. E. Nichols
Farm Doings.....Harley Hatch
Markets.....C. W. Metaker

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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 electrolyzed. 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.

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Poultry.....G. D. McClaskey
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ADVERTISEMENTS GUARANTEED

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."

Passing Comment — By T. A. McNeal

The Torrens Land System

I have a number of letters asking for information concerning the Torrens land system which probably will be one of the subjects considered in the coming legislature.

Next week I expect to treat of this at some length. I shall only say in brief now that the object of this system is to simplify transfer of title and avoid the cumbersome and perplexing abstract that is required in most of the states of the Union to show the condition of the title to real estate. Under the Torrens system the title in each case would come from the state and only one transfer would be necessary. Next week I expect to go into the matter in more detail. So far as I can learn the system has given quite general satisfaction where it has been tried.

Christmas

In less than two weeks we shall celebrate Christmas. It is supposed to be the season of good will, when people give gift to their friends.

I think it is well to celebrate the day. I think it well to keep alive the sentiment of generosity and good will. But our charity and spirit of helpfulness should not be confined to one day in the year. There is not much in this thing of hunting up the poor and giving them one meal on Christmas day and letting it go at that. In fact I am not so certain that charity dinners even on Christmas are an unmixed good.

The efforts of right-thinking people who feel an interest in their fellowmen ought to be directed toward making conditions such that there would be no need for charity dinners.

It is true that there always will be some unfortunate people who will be incapacitated from earning a living. These must be supported by those of the community who are capable of earning a living. There always will be some helpless children who must depend for support on the generosity of others or perhaps better still on the beneficence of the state but aside from these no one should be either compelled or permitted to subsist on charity.

If able and willing to earn a livelihood every person should be furnished with the opportunity. If able-bodied and still unwilling to earn a living, the person should be compelled to do so. And in my opinion if the machinery of society were properly organized; if the opportunities were open to every able-bodied citizen and it was understood that he who would not work should not be permitted to eat the bread of charity, there would be very few loafers in the country.

Will There Be Repudiation?

At the outbreak of the war in Europe well posted men figured that the cost of the same would amount to 60 million dollars a day. That it was possible to spend that much in a single day of 24 hours seemed incredible, but now that the war has progressed four months the war budgets of the various nations engaged show that the expenditures will rather exceed than be under that figure.

And it must be remembered that this does not include the enormous waste in destruction of property such as has taken place in Belgium. Neither does it include the loss from the paralysis of industry that has resulted in each of the countries involved. Neither does it count the loss of productive power resulting from the killing and maiming of the workmen who carried on these industries.

There is no doubt that the losses that cannot be computed now in dollars and cents will aggregate much more than the enormous total of cost for arms, ammunition, food and clothing and other necessary supplies for the contending armies.

At the beginning of the war the debts of the nations now engaged in strife amounted in round numbers to about 25 billion dollars. If the war continues for a year the aggregate debt of these nations will be doubled. Not only will the aggregate debts be doubled but the capacity for paying the debts will be tremendously reduced.

If Germany for example, is finally conquered it will be when she has reached the end of her physical and financial resources. According to reports from Berlin in October she had been losing men in killed, wounded and missing at the rate of about 4 (1616)

a quarter of a million a month. At the same rate her losses for a year would amount to 3 million men.

The losses are not likely to decrease but rather to increase. It is true that at the close of the war prisoners will be released but in all probability they will be so debilitated by the hardships they have to endure that they will not be fit for industrial pursuits for some time. The losses inflicted on France, Russia, Austria and Servia probably are as great proportionately as the losses of Germany.

Before the conflict commenced taxation in all of those countries seemed nearly to have reached the limit of the ability of the people to pay. With the debts doubled and with the resources of the countries depleted by war, how will it be possible to sustain the enormously increased burden of taxation?

It would seem that repudiation will be almost inevitable. If the governments undertake to wring the money necessary to pay the interest on these war debts from the exhausted and impoverished people, in their desperation and hopelessness they are likely to resort to revolution as impoverished people have done before. It was the intolerable burden of taxation that brought on the French Revolution and the same cause may overturn some European thrones when the war is ended.

There is only one way that occurs to me by which these nations might be able to carry the burden of debt without breaking the backs of their people. If they would abolish interest on their public debt entirely and issue non-interest-bearing bonds in denominations that could pass current among the people in exchange for all commodities, the bonds to be cancelled as soon as they are taken in by the governments in payment of taxes, the debts might be reduced in a few years without serious burden to the people, provided the governments have sense enough to abolish militarism and substitute a system of honor and friendship and fair dealing instead of a system of force and fear and hatred and disregard of national obligations.

Of course such a plan would be strongly opposed by the money changers, the class who live on interest. It is also likely that that class will govern the policies of the nations. The plan of this class probably will be to issue hundred-year interest-bearing bonds which will have to be renewed at maturity and thus handicap the coming generations till the end of time with an almost inconceivable burden of debt and taxation.

But history shows that there is a limit to the possibilities of taxation, a point at which the people will either sink into hopeless apathy and inefficiency or rise in rebellion against the governing and taxing power.

It is literally true and not blasphemy to say that there will be hell to pay after this war is ended.

County Fairs

I was asked the other day if I favored county fairs.

Yes, I believe that every county in the state ought to have just as good a fair as it is possible to have in one county and that means a fair that is worth going miles to see.

There are fairs that amount to nothing. They are not worth the price of admission to say nothing of a waste of time in spending a day going to attend. On the other hand, I have visited county fairs that would be a credit to the whole state. I have seen as good stock, as fine poultry, as fine specimens of grain and other farm products, as excellent showing of needlework and other domestic art exhibits as I ever saw displayed at a state fair.

I have never known a county that maintained a good fair in which the general grade of stock was not improved and in which the methods of farming were not bettered.

A good county fair is at once an inspiration and a practical education. It affords the farmers of the county an opportunity to get together, get acquainted and compare notes. Fine stock exhibited by one farmer will excite the ambition of dozens of other farmers to have stock just as good. If one farmer comes in with an exhibit of extra-fine grain of any kind there will be dozens of farmers from all over the county who will want to know how he did it and as a result they will do a better job of farming the next year.

I not only believe that every county in Kansas

ought to have a county fair but I would like to see the fairs take a wider range than they generally do. For example, there should be practical demonstrations of farming by irrigation, especially in the western part of the state. A good sized tract of land should go with every fair ground and part of that land should be given up to agricultural experiments under the direction of soil and crop experts. Some of the land should be devoted to practical experiments in the growing of fruit trees and small fruits and shrubbery. In short, every county fair should be connected with a county agricultural and horticultural experiment station.

The truth is, in my opinion, that county fairs are fully as important to the state as the state fair. I think more so.

A Protestant's Opinion of The Menace

Editor The Farmers Mail and Breeze—I am sending you under separate cover a copy of a paper that has fallen into our hands that I am afraid may do and perhaps is doing a great deal of damage. It is called "The Menace" and is published in Missouri. It is an anti-Catholic paper but appeals so strongly to the prejudice of the people that it might arouse a certain class of people and incite war. I am a Protestant but I think such a paper as this may do great harm to our country. Would you kindly look it over and express your opinion as to its influence and harm, in the Mail and Breeze? Is there anything we could do to stop its circulation? The paper is torn as I had thrown it away when we were discussing it and my husband suggested that we send it to you and get your opinion of it. F. E. T. Buffalo, Kan.

I do not care to get into a discussion of the merits or demerits of the Catholic or any other denomination. I have seen a number of copies of the Menace. I think some one once took the trouble to send it to me for a few months. I did not read the paper very closely but did look over several numbers. It seemed to me that the object of the paper was to appeal to prejudice and not to calm reason. I do not approve of that kind of journalism and never have.

I do not know of any way to stop the publication. So long as a large number of persons continue to subscribe and pay for it I presume it will continue to be published. I suppose that a certain number of persons are influenced by that kind of journalism but speaking generally, such extreme appeals to prejudice defeat themselves. People generally want to be fair.

Should the Government Buy the Cotton?

Editor The Farmers Mail and Breeze—I understand that through the columns of the Mail and Breeze you have stated that you are opposed to the government buying the cotton crop of the South, as that would be class legislation and you are openly fighting it.

If that is your attitude toward us poor southern farmers it would serve you right if they would stop their subscriptions to a magazine that is fighting against their economic interests.

A friend and subscriber to your magazine made the above statement to me. Is it true? If not please refute same in your editorials. As your magazine has been fair before I am surprised at your attitude now. Surely you do not understand the terrible condition down here. Wapanuka, Okla. R. D. LAID.

You have not been misinformed. The proposition to take money from the public treasury to purchase one particular product of the farm is clearly class legislation and the granting of a special privilege to which I am opposed. I realize that the cotton planters are suffering on account of war conditions and they are entitled to sympathy. They are not only entitled to sympathy but to help, but the principle of this kind of legislation is so unfair that I can hardly see how any right thinking man can favor it.

I would certainly be opposed to a bill that proposed to take money from the public treasury to buy the farmer's wheat and restrict the purchase to that particular product, even though it might be true that the price of wheat was not what it should be, as has often been the case.

I have always complained when the government of the United States made favorites of Wall street bankers and came to their rescue when they found themselves pinched, often as a result of their own speculations. The principle involved is the same in one case as the other.

I wonder if Mr. Laid would consider it a fair deal if the farmers who raise corn, who are more numerous than the cotton planters, should get a bill through congress, providing that the government

Plans For Farmers' Week

Elaborate Program Has Been Prepared—Meets the Needs of Everyone Interested in Farm Work of Any Kind

An attractive program has been prepared for the state farmers' institute to be held at the Kansas State Agricultural college at Manhattan, December 28 to January 1. Some of the best talent in Kansas and experts from other parts of the country will join in giving one of the most instructive and entertaining institute weeks that the people of Kansas ever have had an opportunity to attend.

Work of interest to the farmer, to the man advanced in agricultural study, to the housewife, to the man interested in engineering and kindred work, and to the boy and the girl, will be offered.

In addition to the special features comprised in the institute program proper, a number of the leading agricultural organizations of the state will hold sessions at the same time and members will attend the general assemblies and some of the other meetings of the farmers' institute.

The expense in Manhattan will be reasonable. A letter addressed to W. W. McLean, secretary of the Young Men's Christian association, Manhattan, will bring information as to board and room. Upon arriving in Manhattan, persons may go directly to the association building for room assignment and then go to the college for registration.

It will be impossible for one person to attend all the meetings held during the week. Everyone is expected to pick out the subjects that interest him most, and attend those meetings. If one is interested in the courses in agriculture he can map out a little program for himself in agronomy, dairying, animal husbandry, veterinary science, marketing and grading of grains, or horticulture. He can attend a meeting in one of these subjects one day and choose other things for the following days, if he wishes.

It is necessary that persons using modern farm machinery be fairly well skilled as mechanics. Many men and boys who attend this institute will enroll for the courses in engineering. Stationary and traction engines will be studied Tuesday, in this department. Traction engines and electricity on the farm will be the subjects discussed Wednesday. Concrete construction as it can be applied to farm needs, will be taken up Thursday, and road building, irrigation, water supply, and sewage will occupy most of the time Friday. The college has a large number of engines, and other machines that are used by the regular college classes in engineering. This machinery will be used for demonstration purposes in the classes in engineering in this institute.

Don't get the idea that this institute is a "men only" meeting. That is not the case at all. A four-day course in home economics has been arranged that will appeal to every woman who can be present.

A special meeting has been planned every afternoon for the boys and girls. These meetings will deal with such subjects as poultry raising, woodworking, plays and games, corn growing in Kansas, lessons in tying of knots, home and market gardening, and demonstrations in canning.

Musical programs and illustrated lectures furnish a variation. Something of this kind is offered every day. It would be hard to find a place where you could get more enjoyment and valuable information in a week than at this state institute.

The following extract from the program is given as an example of the kind of lectures that are offered in the agricultural department. It is the advanced course for county agricultural agents, alumni of the college, men who have attended several institutes, and others who have made a close study of agriculture.

TUESDAY MORNING.

- 8:00 "The Influence of the Sire in Swine Breeding".....Carl Thompson, Garrison
 - 9:30 "The Proper Handling of Breeding Stock".....C. H. Taylor
- WEDNESDAY MORNING.
- 8:00 "Wheat Breeding: Problems, Methods and Results."
 - 8:40 "Forage Crops, Problems, and Experimental Work".....Ralph Kenney
 - 9:20 "Tillage Work for Winter Wheat".....C. E. Millar

- 10:00 "Five Years' Work with Fertilizers on the College Farm".....Prof. L. E. Calk
- THURSDAY MORNING.
- 8:00 "Beef Cattle Experimental Work".....Prof. W. A. Cochel
 - 9:00 "Producing Feeder Calves".....William Poole, Manhattan
 - 10:00 "Prepotency in Breeding".....Prof. E. N. Wentworth
- FRIDAY MORNING.
- (Agricultural Hall, Room 83)
- 8:30 "My Experiences in Building Up a Dairy Herd".....William Newlin, Hutchinson
 - 9:10 "What the Cow-Testing Association Has Done for Dickinson County".....A. B. Wilcox
 - 10:00 "Cream Grading in Kansas".....George A. Hime, State Dairy Commissioner.

Make Grange Sessions Shorter

We understand Coffey county Pomona Grange was asked to give State Master Reardon its reason for asking for shorter sessions of the National Grange. I have not an exact copy of these reasons but will give some extracts from the reports of the National Grange proceedings, taken from the Philadelphia North American, to show what some of them are. The date of publication is given at the beginning of each paragraph:

November 11, 1914.—The National Grange session opened at 11 o'clock and lasted until 2. Tonight the fifth degree will be given a local class of candidates.

November 13.—Sessions were short today, as the women delegates were taken on an auto ride through the city by a committee of Wilmington women.

November 14.—The grange held only two sessions today. A recess was taken this afternoon so that the women could attend a reception given by the New Century Club.

November 15.—Discussion among the grangers today indicates that the coming week will be a busy one. The social activities of the first week are ended.

November 16.—This afternoon the delegates and officers were taken automobile riding through the southern end of Delaware.

The issues of November 16, 17, 19, and 20 have not yet been received. The expenses of the National Grange sessions were more than \$1,500 a day when there were 30 state granges. There now are 34.

Other states join Kansas in asking for shorter national sessions. The Ohio Farmer of October 17, 1914, says:

We have never been able to understand why it is necessary to drag the sessions of the National Grange out so long. It would seem that a session of five days should be long enough to transact a large amount of business, if the officers make any attempt to outline the business in advance. But for many years the sessions have dragged on through 10 long, weary days, every day piling up the expense that the organization must pay.

It is true the various state masters enjoy visiting with those from other states and making side trips to points of interest, but is it not possible that too much visiting is mixed up with the business sessions? Would it not be better to start right off and get through with the work with business-like alacrity and then devote the remainder of the period to the social side of the order? It would be refreshing to see the annual sessions brought to a realization of the value of time and see a new order established requiring that all business be transacted in five days instead of ten. Limit the length of the speeches or "give leave to print" as Congress does, to those who want to get into the record. There is little doubt the business would be fully as well taken care of. Let's put the meetings on a more business-like basis and cut the time in two, or have a five-days' business session and let those who have the time visit five days more.

Waverly, Kan. Eve Gasche.

Starting Gasoline Engines

More or less trouble is experienced in starting gasoline engines in cold weather, regardless of the type. Methods for relieving this difficulty are offered by the department of agricultural engineering at the Nebraska College of Agriculture.

Fill the water jacket or radiator with hot water.

Heat the gasoline by putting a bottle of it in hot water, being careful to keep the cork off the bottle containing the gasoline.

Place a few drops of ether in the priming cup or spark plug hole. The last method is inexpensive and is used by many motor owners.



His Clock

UNCLE SAM has known Big Ben ever since he was *that high*. Five years ago he chose Big Ben as a likely youngster. Uncle Sam was right—he's made good—he's nationally known.

Big Ben won success in a truly American way—by being on the job every minute of the time. Big Ben has pushed himself ahead by helping others rise.

Uncle Sam asked Santa Claus to buy

American goods—suggested "his clock" —Made by Wadcox, La Salle, Illinois, —and now it's Big Ben for 'most every one on his Christmas list.

Send your "Merry Christmas" by Big Ben—he'll ring it gladly and put heart-felt warmth into his joyous, tuneful greeting.

What's more, his greeting is just as cheerful the next morning, and the next and every other morning through the year. He makes his call suit you, —either steady for five minutes or he starts and stops at half minute intervals for ten.

To Uncle Sam \$2.50—in Canada \$3.00. If your dealer doesn't stock him a money order addressed, Big Ben, La Salle, Illinois, will send him, in a special Christmas package, your card enclosed, and charges paid, whenever and wherever you say.

160 ACRE FARMS IN WESTERN CANADA FREE **WAITING FOR YOU**

Yes, waiting for every farmer or farmer's son—any industrious American who is anxious to establish for himself a happy home and prosperity. Canada's hearty invitation this year is more attractive than ever. Wheat is higher but her farm land just as cheap and in the provinces of Manitoba, Saskatchewan and Alberta

160 Acre Homesteads are Actually Free to Settlers and Other Land at From \$15 to \$20 per Acre

The people of European countries as well as the American continent must be fed—thus an even greater demand for Canadian Wheat will keep up the price. Any farmer who can buy land at \$15.00 to \$30.00 per acre—get a dollar for wheat and raise 20 to 45 bushels to the acre is bound to make money—that's what you can expect in Western Canada. Wonderful yields also of Oats, Barley and Flax. Mixed Farming is fully as profitable an industry as grain raising. The excellent grasses full of nutrition, are the only food required either for beef or dairy purposes. Good schools, markets convenient, climate excellent. Military service is not compulsory in Canada but there is an unusual demand for farm labor to replace the many young men who have volunteered for service in the war.

Write for literature and particulars as to reduced railway rates to Superintendent Immigration, Ottawa, Canada, or to

GEO. A. COOK,
125 W. 9th Street, Kansas City, Missouri.

Canadian Government Agent.

Cockerels—Cockerels—Cockerels STANDARD POULTRY

All leading varieties. Also turkeys, geese and ducks. We breed all leading varieties of poultry. Plymouth Rocks is our leader. Stock of highest quality, at low live prices. Write for descriptive circular and (free) PLANS and SPECIFICATIONS pure air Poultry house. Address W. F. HOLCOMB, Mgr., NEBRASKA POULTRY COMPANY, CLAY CENTER, NEBR.

SUDAN GRASS SEED 50¢ PER LB.

Be careful about the Sudan Seed you get. Buy it from this old-established seed-house that has a reputation to maintain. My seed is procured from reliable growers. 50c per lb. for 100 lb. lots; 55c per lb. for 50 lbs. or more; 60c per lb. in less quantities. All f.o.b. Dallas. 70c prepaid anywhere in the U. S. If you pay more than my prices for Sudan Grass Seed you waste money.

Nicholson's Sudan Grass Seed

is as good as can be offered by anyone at any price. Orders are being booked now. Send yours today, for immediate or Spring delivery, or write for further particulars and sample—sent free. I also have full line of all seasonable seeds for field and garden. Send for illustrated catalog and price-list.

Robert Nicholson, 412 Commerce St., Dallas, Tex.

HOME DRESSMAKING

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

A very becoming style for most women is No. 6972, which may be developed in striped serge and black satin. The outer portion is in "chemise" style. The pattern is cut in sizes 34 to 42 inches bust measure.

No. 6974 shows a waist suitable for crepes and other soft materials. The waist has the new cape back and is cut in sizes 34 to 44 inches bust measure.

Ladies' skirt No. 6975 is cut in two gores with a plaited section inserted at



the lower half of each side. It is cut in sizes 22 to 32 inches waist measure.

Girls' dress No. 6970 is made to be slipped on over the head and worn with a separate one-piece guimpe. It is cut in sizes 6 to 12 years.

Girls' dress No. 6967 has a separate blouse and skirt. The skirt is plaited at sides and back with a plain front panel. The pattern is cut in sizes 6 to 14 years.

USE THIS COUPON FOR PATTERN ORDERS.

The Farmers Mail and Breeze, Pattern Department, Topeka, Kan.

Dear Sir—Enclosed find cents, for which send me the following patterns:

Pattern No. Size.....
 Pattern No. Size.....
 Pattern No. Size.....

Name

Postoffice

State

R. F. D. or St. No.....

BE SURE TO GIVE NUMBER AND SIZE.

Solving the Gift Problem

BY STELLA NASH.

Another Christmas is almost here and with it the question, "What shall I give?" It is not such a difficult question to answer, however, if one or two things are remembered. Most of us need to be more careful and give more thought to our selection of gifts. A great many women seem to think that a man does not care what he receives for Christmas

and they give him a tie, handkerchief, some socks, or even something that they themselves wish for the house. Most men appreciate the right kind of gifts and most men resent gifts of clothing; and why should a man welcome an electric iron or a fireless cooker? Not one woman in a thousand can pick out a tie that would please a man. If you are buying a gift for a man, study the man and find out some little article which he would like to have but which he is not prepared to spend money for or has no time to shop for. Such gifts as these are appreciated.

The men are not perfect, either, when it comes to buying gifts for women. We have all heard of the man who bought a red silk waist for his wife when she wanted it to wear with a green suit. There is one thing that a man does not know how to do and that is to pick out women's clothes. Then some men have the idea that women appreciate something to work with and they give them a carpet sweeper or a patent dishwasher. Of course women appreciate these things but they would also like some little luxury—something for their very own that does not make them think of the work they have to do.

Christmas is Children's Day.

The most important gifts, however, are those for the children. Someone has said that Christmas is really children's day and we older folks should try to make them happy on that day. Children are happier with a few carefully selected gifts than with a large number of things chosen without regard to their usefulness or the needs of the child. Encourage outdoor sports by giving the children outdoor playthings. Besides the toys for amusement, give some toys that will teach the children how to do something or make something. Every little girl likes to sew and she should be given a little sewing basket equipped with needle, thread, scissors, thimble, pins, pincushion and dainty pieces of cloth and patterns so that she can make her dolly some clothes. Give her dresses for her doll, and doll furniture, and teach her how to take care of them and keep them clean. In this way she will be learning real housekeeping while she plays.

A set of tools may be given to the little boy besides his other toys. There never was a boy that did not like to use a hammer and nails, and while he is playing he is also learning to make things. Another good and useful gift for the boy is a set of toy steel building material with which he can build houses, bridges, windmills, ladders, monoplanes, and many other things. These give him some idea of how to construct houses and bridges, and how things are put together. They train his hands and his eyes and make him accurate. Cement blocks for building are also good. Each of these sets can be bought at almost any good department store at moderate prices.

Don't Pay Debts at Christmas.

For some persons Christmas is a dreaded time of worry and work because they think they must give gifts, whether they can afford it or not, to everyone who gives to them. In other words, they are paying their Christmas debts. Others are beginning to realize that it is not the value of the gift that counts but the spirit that goes with it, and simply remember their friends with neat little Christmas cards with a cheerful message written on them. You will notice that I said "written" on them. There is a great deal of difference between sending a printed card to a friend and sending a card with a message written on it by yourself. Most persons would rather receive a personal card or letter for a Christmas gift than an expensive gift with a printed card attached to it. It is not your money that is valued by your friends but your sympathy and yourself.

We should cut down on our Christmas giving this year and give some of our Christmas money to the people in Europe who are in sorrow and many of them suffering from hunger. Think of the children in Europe who will look for Santa Claus in vain this Christmas! Surely we have a chance to show the true Christmas spirit this year!

A tablespoon of kerosene added to the water used for washing floors painted a dark color will prevent those troublesome streaks which so often show after clear water or soapsuds have been used for the scrubbing.



Look for the Triangle for Warmth, Comfort and Good Cheer

Contentment

If you have ever shivered in chilly rooms because it was too early to start the regular fire, or frozen through some severe cold spell that was too much for furnace or stoves, go today to your nearest dealer and look at the NEW PERFECTION HEATER— the insurance against cold weather discomfort.

Strike a match and you have a clean, convenient, economical fire that you can carry around with you. Fire to dress by in the morning, in the bath room and in rooms that are hard to heat all the season through.

Makes the family happy the first chilly evenings. Watch them smile when they gather 'round the NEW PERFECTION.

Burns 10 hours on one gallon of oil— can't smoke. No trouble to re-wick. In the New Perfection wick and carrier are combined.

Fresh wicks are ready to put in, trimmed, smooth and ready to light. For best results use Perfection Oil.

PERFECTION SMOKELESS OIL HEATER

Your dealer has the NEW PERFECTION Oil Heater on exhibition. He will be glad to show you the different models. Send your name on a postal and we will forward you the NEW PERFECTION Book.

STANDARD OIL COMPANY (AN INDIANA CORPORATION) Chicago, Ill.



225-Piece CHRISTMAS SURPRISE PACKAGE FREE

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

All FREE On This Great Offer!

Everybody will be using Christmas cards and package stickers during the Christmas season this year. Every Christmas present that you give should carry an enclosure card or tag with an appropriate greeting, and you will want dozens of these stickers and stamps to go on the outside of packages. This new and popular custom adds wonderfully to the holiday cheer and really makes every gift more valuable and more joyfully received. The 15 embossed post cards included in this collection are standard post card size, printed on fine stock and beautifully embossed in gold and all the Christmas colors and each card carries a Christmas message or a good wish for the New Year.

This mammoth collection would probably cost you 50 cents or more at any retail store. By purchasing enough of these goods to make up 50,000 packages, we got a price so low that we are enabled to make the most liberal Christmas Package offer ever known. Last year we did not have half enough packages to supply the demand of all those who wanted them and had to return money to thousands of disappointed subscribers. So if you want to be sure of receiving one of these big 225-Piece Surprise Packages absolutely free, send acceptance at once.

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

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

CHRISTMAS PACKAGE COUPON

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

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

My Name.....

Address.....

Young Has Herd of 90 Jerseys

All the Milk Goes to the Burlington Dining Cars

BY F. B. NICHOLS,
Field Editor

THE Wineland dairy farm near Lincoln, Neb., is a fine example of the fact that care and cleanliness in milk production pay well. This farm and dairy business is owned by H. C. Young, whose herd of purebred Jerseys is the largest in the state. There are 90 registered animals in the herd, several of them having been imported. Fifteen of the cows have been entered in the register of merit.

All the milk and cream produced on this farm is sold to the dining car system of the Burlington railroad—most of it being bottled. Formerly a portion was sold to the retail trade in Lincoln, but the quality proved so popular with the Burlington service that it is now buying all the farm can produce. Which means higher prices than could have been obtained by retailing, and in addition the delivery is not nearly so expensive.

The Highest Score.

While supplying milk to Lincoln, the herd of cows on this farm received the highest score among all the herds on the 193 dairy farms whose product was sold in Lincoln. Absolute cleanliness is insisted on in handling the milk. It is run through a cooler soon after being drawn, to lower the temperature so the bacterial action will be reduced. The aim is to bottle it at once. The bottles then are placed in ice chests and are packed with ice. When milk is stored in this manner there is little chance for bacterial changes to take place rapidly. The bottles are packed in ice while they are hauled to the dining cars.

The milk room on this farm is constructed along sanitary lines. It allows an ample amount of sunlight to enter, which is perhaps the best aid in fighting germs. Power equipment is provided, including steam for killing all bacterial life in the milk and cream bottles after they are washed. Every bottle is capped with the special Wineland farm dairy cap, which as a trade mark has come to have a great deal of value.

Silage and alfalfa provide the basis of the dairy ration on this farm, as they should in every well regulated dairy. The alfalfa hay is cut with a No. 12 Ohio cutter in quarter inch lengths, which is a very profitable way in which to feed it, Mr. Young said. The cows get all the hay they will eat. The aim is to feed just a little less silage than the animals will eat up clean, so there will be no waste, and so the cows will be hungry for that last mouthful that they didn't get. As most of the farm is used for growing crops, there is but little pasture, and this means the silage becomes especially important.

Exact Records Are Kept.

The grain ration consists of 3 parts of bran, 2 parts of hominy meal and a little oil meal. This is fed to the animals at the rate of a pound for every 3 pounds of milk a cow gives. Thus the ration of every cow on this place is made up especially for her needs, and according to her profit-producing power. As every lot of milk is weighed at every milking it is easy to determine this ration.

The best of shelter is given in the remarkably well equipped dairy barn. This barn is 36 feet wide and 117 feet long, and it contains stanchions for 52 cows, arranged in two rows. There are four box stalls in addition. The James stanchions are used, and the rest of the equipment is of the Loudon line. The floor is of cement, so it easily may

be cleaned. A modified King system of ventilation has been provided, which insures pure air for the cows. Screen doors are used in the summer, and cheesecloth has been placed over the windows, to darken the room, thus discouraging the flies and also keeping out dust.

As almost all the calves on this farm develop into animals that are sold to breeders if not kept in the herd, extreme care is taken with them, to see that they get the right development. They are allowed to suckle until they are about 3 days old, when they are removed and placed on a ration of whole milk. The whole milk is given until the calves are about 4 weeks old, and then the change to skimmilk is made very gradually, so there will be no digestive disturbances.

As in the other departments of the business absolute cleanliness is insisted on with the feeding of the calves, especially in the cleaning of the vessels in which the milk is fed. These are washed just as soon as the calves have finished their feed, and they are scalded with live steam, to kill bacterial life. These calves are always fed in stanchions, of course, so every animal will get just its share, and no more. They are encouraged to eat silage and alfalfa hay as soon as possible, and they get started on this soon after they are changed to the skimmilk diet.

If Calves Have Indigestion

Changing cows abruptly from summer to winter feed may cause indigestion in very young calves. Calves fed from the pail as well as those which suck their mothers may be affected. The indications of trouble are sluggishness, a sour breath, and the escape of gas from the stomach.

The best remedy is to remove the cause of the trouble. Give the calf 1 or 2 ounces of castor oil and 20 drops of laudanum to remove the irritating substances from the bowels. If belching and a sour breath is evident a tablespoonful of calcined magnesia may be given in milk three times a day until the breath sweetens. If the trouble continues a heaping tablespoonful of rennet may be given with a little ginger at every feed, or a 30-grain pepsin capsule may be administered. A good condition powder should be given, in addition, in the feed once or twice a day until the trouble disappears. Any return of constipation should be treated with injections of warm water and soap.

Paradise, Kan. L. A. Branson.

Mixing Breeds Makes Scrubs

Not more than 6 per cent of the dairies of the United States are bred up to anything like what they should be in milking possibilities; but there has been in the last year, more buying than ever of purebred stock for dairy foundation, and of recognized valuable grades and unregistered stock of quality with the idea of possessing herds with greatly increased milk production.

What did it cost me to make milk last year? has been asked over and over, says a writer in Hoard's Dairyman. This desire to get cows that not only give more milk but can transmit that function to their descendants, has been the main cause of this movement. Never before has the demand for cows of distinct breeds been so marked. It is re-

markable how many men now see that too many breeds represented in one cow defeats the purpose of large all-around production, for it puts a bar on all subsequent improvement of the herd. The farmer quickly realizes that his dairy is actually no better than was his old dairy of common cows with their record of 4,000 pounds. He finds that mixing breeds is the true method of originating common stock and scrubs, and the more breeds represented the faster the deterioration of the succeeding generations.

Feed the Dairy Cows Well

BY H. M. COTTRELL

Native pasture and silage should be available summer and winter. The silage should be fed generously at any time of the year when the grass is not sufficient to secure a high yield of milk. In dry times during the summer and at all times during the winter, sorghum hay and the hay from either alfalfa, sweet clover or Spanish peanuts should be fed liberally. Rye pasture usually can be provided and it makes a good winter feed. In favorable years wheat pasture may furnish nearly all the feed needed for a high yield during the winter. Five good cows fed all they will eat will yield more profit than 15 half starved.

The daily ration must be balanced between the starchy, heat-making feeds like silage, sorghum hay, corn fodder and millet and the blood-and-muscle-making feeds like alfalfa, sweet clover and Spanish peanut hays. Every cow yields a good flow of milk on green, luscious grass. The grass furnishes about three and a half parts of the starchy to one of the blood-and-muscle-making material. Dry land farmers often say that sorghum hay will "dry up" a cow if she is given enough of it. It will when fed alone, but it may be fed in large quantities to advantage when balanced properly with hay from alfalfa, sweet clover or Spanish peanuts. Cottonseed meal is a convenient feed in Texas and Oklahoma with which to balance sorghum, millet hay and silage.

Best Temperature to Churn

What is the best temperature to have cream when it is churned?

Orange County, Florida.

The butterfat is not the same degree of hardness in all cream consequently it is impossible to state an exact temperature that is best for churning. It should be such that a good firm butter will be obtained in 15 to 40 minutes of churning. A temperature of 55 to 64 degrees usually will give the best results.

Political fences are quite often necessary in order to keep the politician's constituents unaware of his political offenses.

BUSY DOCTOR

Sometimes Overlooks a Point.

The physician is such a busy man that he sometimes overlooks a valuable point to which his attention may be called by an intelligent patient who is a thinker.

"About a year ago my attention was called to Grape-Nuts by one of my patients," an Ohio physician writes.

"At the time my own health was bad and I was pretty well run down but I saw at once that the theories behind Grape-Nuts were sound and that if the food was all that was claimed, it was a perfect food.

"So I commenced to use Grape-Nuts with cream twice a day and in a short time I began to improve in every way and I am now much stronger, feel better and weigh more than ever before in my life.

"I know that all of this good is due to Grape-Nuts and I am firmly convinced that the claims made for the food are true.

"I have recommended, and still recommend, Grape-Nuts to a great many of my patients with splendid results, and in some cases the improvement of patients on this fine food has been wonderful.

"As a general food, Grape-Nuts stands alone." "There's a Reason."

Name given by Postum Co., Battle Creek, Mich.

Look in pkgs. for the famous little book, "The Road to Wellville." Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.

Stop that cream leak NOW with a DE LAVAL Cream Separator

WHY continue to separate cream by either "gravity skimming" or an inferior or worn out cream separator that loses cream for you every day just as surely as a leaky cream can?

You may have less milk just now, but with "old" milkers and cold-weather your cream loss is greater than in spring or summer. Cream is worth more now, too.

If you will test your skim-milk you will see for yourself that you can't afford to wait until next spring. Let the De Laval start saving cream for you right now and it will earn a large part of its cost by spring.



See the nearest De Laval agent at once, or if you do not know him, write us direct for any desired information.

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165 Broadway NEW YORK
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9 1/2 CORDS IN 10 HOURS



OAK and HICKORY BY ONE MAN. Proven by sworn witnesses. It's KING OF THE WOODS. SAVES MONEY and BACKLASH. SPRING PRESSURE and GUIDE, adjustable to boy or man, now used on end of saw, a BIG 1914 IMPROVEMENT, KEEPS SAW FROM FLOPPING and makes thin, straight cut. Send for free catalog X41 showing LATEST IMPROVEMENTS. First order gets agency. Folding Sewing Mach. Co., 161 W. Harrison St., Chicago, Ill.

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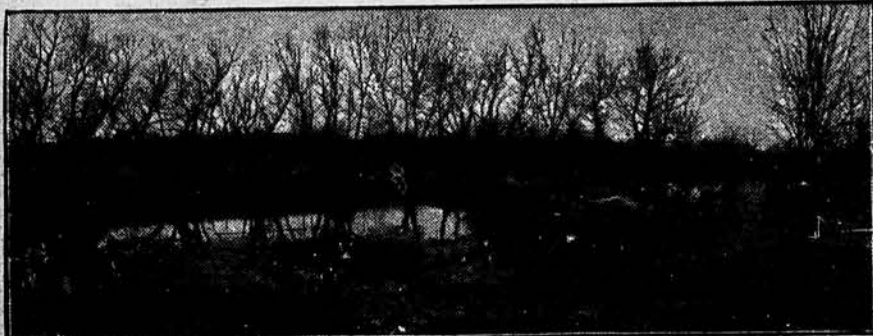
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If you will sign your name and address on the space provided below, and send this coupon to us at once with 25 cents (silver or stamps) to pay for a one-year new, renewal or extension subscription to The Missouri Valley Farmer we will send you as a 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.....



A Few of the Champion Milk Producers on the Dairy Farm of H. C. Young, Near Lincoln, Nebraska.

Kansas Fruit Growers Met

The forty-eighth annual meeting of the Kansas State Horticultural society was held at Topeka last week, from Wednesday to Friday. A larger attendance than usual of the fruit growers of Kansas was a feature. The society is becoming an increasingly important factor in the advancement of the horticultural interests of the state.

A feature of the meeting was the address of George Groh, Jr., of Wathena, who told of his success in apple growing. The story of Mr. Groh's orchard was printed in the November 14 issue of the Farmers Mail and Breeze. The income from the Jonathan block in Mr. Groh's orchard averaged \$12.33 a tree this year. Mr. Groh has obtained these fine results by the adoption of a logical system of pruning and spraying. These trees were sprayed seven times last year, and they were carefully pruned.

Dr. J. H. Merrill of the department of entomology of the Kansas State Agricultural college, who has done a great deal of work among the fruit growers of Doniphan county, told of the fruit growing needs of that section. He showed that the only way to make fruit farming profitable is by the adoption of good systems of pruning, spraying and cultivation. The time has passed in Kansas, Dr. Merrill said, when one can expect to get profitable results with the use of inefficient methods.

D. E. Lewis of the department of horticulture of the Kansas State Agricultural college, spoke on Illinois canker. He showed that this insect is causing a great deal of loss in Kansas orchards, and that this loss will be greatly increased in the future unless more care is used in fighting it.

The committees appointed by the society were: Resolutions—E. J. Holman, Leavenworth county; Walter H. Wellhouse, Shawnee; W. R. Martin, Doniphan; George A. Blair, Sumner, and G. G. C. Richards, Leavenworth. Election—Mrs. C. W. Bullard, Leavenworth; B. F. Smith, Douglas; W. H. Underwood, Reno; J. L. Williams, Wyandotte, and George W. Whitaker, Shawnee. Credentials—W. L. Lux, Shawnee; J. M. Graves, Atchison; S. W. Weith, Allen; J. B. Wheeler, Jefferson, and F. L. Kenoyer, Montgomery. New members—F. W. Dixon, Jackson; M. E. Chandler, Wyandotte; George O. Green, Riley; E. G. Hoover, Sedgwick, and M. L. Johnson, Allen. Obituaries—A. L. Brooke, Shawnee; Mrs. B. B. Smyth, Shawnee; G. L. Holsinger, Wyandotte; Edwin Snyder, Jefferson, and E. V. Wakeman, Doniphan.

The officers that were elected were: President, B. F. Smith, Lawrence; vice-president, A. L. Brooks, Jefferson county; treasurer, W. R. Martin, Wathena; secretary, O. F. Whitney, Topeka.

Swine Breeders to Meet

The annual meeting of the Kansas Swine Breeders' and Growers' association will be held December 29, in Manhattan. A good program, which will be given in connection with the State Farmers' institute, has been arranged. The general sessions of the institute will be devoted to the interests of swine growers on Tuesday. Several important questions will be discussed at the business meeting. Every person in the state who is interested in hogs should be in Manhattan, December 29. Write to the secretary, Turner Wright, 1500 Mulvane Street, Topeka, Kan., for additional information.

Mail and Breeze Usefulness

I have been a reader of the Farmers Mail and Breeze for some time and I could not get along without it. Its articles on farm and stock interests are certainly as good if not better than I have read in any other paper.

H. F. Clark.

R. 3, Olathe, Kan.

I believe the Farmers Mail and Breeze to be one of the best papers of its kind published anywhere. It is a paper needed on every farm in the United States.

D. O. Dougherty.

R. 1, Floris, Okla.

I like the Farmers Mail and Breeze very much and consider it a valuable paper for the farmer.

Tom Cox.

Grinnell, Kan.



Will there be a Victrola in your home this Christmas?

You can search the whole world over and not find another gift that will bring so much pleasure to every member of the family.

Any Victor dealer in any city in the world will gladly demonstrate the Victrola and play any music you wish to hear. Write today for illustrated catalogs.

\$15	\$25	\$40	\$50
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Always use Victor Machines with Victor Records and Victor Needles—the combination. There is no other way to get the unequalled Victor tone.

New Victor Records demonstrated at all dealers on the 28th of each month



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

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STRAIGHT 5¢ CIGAR ALWAYS RELIABLE

The Lamp of 1000 Uses



The DELTA Electric Hand Lamp
A Safe Lamp for Unsafe Places

No Danger of Fire

How many times do you have to resort to the old oil lantern to see to finish up your chores? Almost every day through the winter, don't you—and every time you use a lantern of this kind around the barns, granaries, hay mow, or the many other places where you have to go, you are taking big chances with fire. One moment of carelessness—dropping a smouldering match, upsetting the light, or an explosion, and you are likely to have a serious conflagration. Of course it might never happen to you, but you don't know. The best way to prevent it is to eliminate the risk as much as possible. Don't take any chances with the dangerous old fashioned oil lamp.

Use a Delta Electric Lamp

The Only Safe Kind of a Light in the World. You can use it in a hay mow, or around a gasoline tank without one bit of danger. It is made for every-day, knock-about, practical use. Not a pocket flash light, but a real electric lantern. Just fits your purpose—has a ball like the old style lantern, which can be quickly detached, also a handle on the side. The case of the lantern is made of steel, black enameled, has a mirror reflector, especially made Tungsten globe, and ground glass lens. Bad weather does not affect it in the least. You can carry it around in the rain and snow, or in a strong wind and your light is always sure. A turn of the switch and your light is on, and keeps going until you turn it off. Not a spring switch as on a flash light.

One Ordinary Dry Battery Lasts Months

One of the greatest things about this new electric lamp is its source of power. An ordinary dry battery—any old battery you have discarded from a door bell, telephone, gas engine, or automobile, will run the lantern for months with ordinary use. A new battery only costs 25 cents, and will run the light all winter. You won't have any trouble getting batteries, for this light like so many. It is just a common No. 6 dry cell. Any hardware store keeps them.

Mail and Breeze GREAT FREE OFFER

We have purchased direct from the factory a number of these lamps to distribute them among our readers. The regular price of the lamp is \$2.00, but by purchasing a quantity we are able to offer you one free and postpaid with a three-year subscription to Mail and Breeze and \$2.50 to pay for same. New or renewal subscriptions accepted on this offer. Order today while our supply lasts. Address

Farmers Mail and Breeze Dept. H. L. 11 Topeka, Kansas

Farmers Mail and Breeze, Dept. H. L. 11, Topeka Kan.

Gentlemen—Enclosed find \$2.50 for a three year subscription to Mail and Breeze, and the electric lantern free and postpaid as a premium.

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Town

State..... R.F.D..... Box.....

in front of Hemlock, while Johnston smiled as he answered:

"Not at present. Unfortunately I'm a little particular as to whom I drink with. Boys, don't you think it would be fairer if you heard our guests first, and then paid for your own refreshment afterward if they didn't convince you?"

Hemlock Jim deliberately set down his tray, the Ontario bushman seemed gathering himself together for some purpose, and there was an ominous glitter in Johnston's eyes, while just as I expected the fray to begin, the proprietor called out laughingly:

"Sit right down, Jim. Pass on them glasses, Jess. I guess they won't refuse you."

It was diplomatic, but Johnston's hint of fairness went further, and in spite of the frail beauty's smiles, a number of those who listened waved the tray aside with the words "I pass!"

Then, when some one called out to ask what was the matter with the circus, and whether the clown were lost, while others demanded "The lady!" Johnston turned to Miss Marvin, and there was a hush as the slight girlish figure—and she seemed very young—stood upright before us. She thrust back the unlovely bonnet, and her thin face was flushed; but when, clenching nervous fingers upon the dowdy gown, she raised a high clear voice, every man in the assembly settled himself to listen. Perhaps it was a chivalrous respect for her womanhood, or mere admiration for personal courage, and she had most gallantly taken up the challenge; but I think she also spoke with force and sincerity, for my own pulse quickened in time to the rapid utterance. Then changing from the somewhat conventional tirade, she leaned forward speaking very gently, and one could hear the men breathe in the stillness, while, as far as I can remember, the plain words ran:

"It's not only for you I'm pleading; there are the women, too—the sweethearts, wives and daughters waiting at home for you. Just where and how are they waiting? Shall I tell you? 'Way back up yonder tending the cattle in the lonely ranch, where the timber wolves howl along ranges on the moonlight nights; and I guess you know it's lonely up there in the bush. Then I can see others sewing with heavy eyes and backs that are aching in a Vancouver shack. You had no money to leave them, and they had to do the best they could. Have they no use for the money you would spend in liquor here—the women who never cried out when they let you go? Don't heart-break and black, black solitude count anything with you? You're building railroads, building up a great Dominion, but the waiting women are doing their part, too. And I'm thinking of others still, gilt-edged and dainty, 'way in the old country. I've seen a few. Where's the man from an English college that used to feel himself better after they talked to him? Is he here with the fire of bad whisky in him, betting against the banker to win a smile from Jess of Caribou?"

This woman knew how to stir them, and there was an expressive murmur, while some fidgeted. Then the proprietor beckoned across the room, and Hemlock Jim spoke:

"This is only high-tone sentiment. Most of us aren't married, and don't intend to. No, sir, we've no use for a missus rustling round with a long-handled broom on the track of us, and I'm going to move an amendment."

"You can't do it," said Johnston. "You brought us in of your own will, and now you've got to hear us. This meeting is going on quietly to its conclusion if I hold the chair. Sit down, sir."

"I'll be shot if I do!" said the other, and it became evident that trouble was near, for a group of the disaffected commenced to slide toward the platform, calling on Caribou Jessy to give them a song.

But Johnston was equal to the occasion. "If you're wanting music we've brought our own orchestra along. Mr. Harry Lorraine, the tenor, will oblige you."

Harry promptly entered into the spirit of the thing, for he sat down good-humoredly, and, though I forget what he sang, it was a ballad with a catching refrain, which he rendered well, and hardly had the applause died away when the girl commenced again, while Lee, who followed, made a strong impression this time. Then, before the interest had slackened, Miss Marvin held up a little book, smiling sweetly as she said:

"It was kind of you to listen so patiently, and now I'm asking a last favor. Won't you all walk along and write your names down here?"

A number of the listeners did so, and when the rest refused jestingly, Johnston got up.

"The meeting is over," he said, "but there's one thing yet to do—to pass a

vote of thanks to the proprietor for the use of his saloon. Then I should like to ask him to lay out his best cigars on the bar for every one to help himself."

There was acclamation, and the assembly would have dispersed peaceably but that just as we went out Hemlock Jim, who had gathered the disaffected round him, said to Johnston:

"I'm glad to see the last of you. Now sail out into perdition, and take your shameless woman with you. But—I'm not particular—she's got to pay tribute first."

He grasped the trembling girl's shoulder, dragged back the ample bonnet, but the next moment I had him by the throat, and he went reeling sideways among his comrades. Then, as by a signal the tumult began, for with a crash of splintered glass the nearest lamp went out, and a rush was made upon us. Something struck me heavily on the head; I saw Johnston stagger under a heavy blow; but I held myself before the girl as we were hustled through the doorway, and when a pistol-barrel glinted one of the railroad men whirled aloft an axe. We were outside now, but the pistol blazed before the blade came down, and a man beside me caught at a veranda pillar with a cry just as the door banged to.

"It's Pete of the shovel gang!" somebody said. "It was Hemlock Jim who shot him. Where's the man with the axe to chop one of these pillars for a battering-ram? Roll round here, railroad builders!"

A roar of angry voices broke out, and it was evident that popular sympathy was on the reformer's side, while my blood was up. Pete of the shovel gang, a quiet, inoffensive man, sat limply on the veranda, with the blood trickling from his shoulder, and there was the insult to the girl to be avenged; while, if more were needed, somebody hurled opprobrious epithets at us from an upper window. I wrenched the axe from its owner—and he resisted stubbornly—whirled it round my shoulder, and there was another roar when after a shower of splinters the post yielded. It was torn loose from the rafters, swung backward by sinewy arms, and driven crashing against the saloon door, one panel of which went in before it. Twice again, while another pistol-shot rang out, we piled the ram, and then followed it pell-mell across the threshold, where we went down in a heap amid the wreckage of the door, though I had sense enough left to remove Hemlock's smoking revolver which lay close by, just where he had dropped it on the floor. He evidently had not expected this kind of attack and suffered for his ignorance. We could not see him, but a breathless voice implored somebody to "Give them blame deadbeats socks!" and there was evidently need for prompt action, because the rest of our opponents had entrenched themselves behind the bar, which was freely strengthened by chairs and tables; also, as we picked ourselves up, an invisible man behind the barricade called out in warning:

"Stop right there. Two of us have guns!"

"Will you come out, and give up Hemlock Jim?" asked Johnston, while half a dozen men who had found strangely assorted weapons gathered alert and eager behind him, a little in advance of the rest, and Lee panted among them with the blood running down his face.

"If you want him you've got to lick us first!" was the answer. "We don't back down on a partner. But I guess he's hardly worth the trouble, for he's looking very sick—your blank battering-ram took him in the stummick."

"One minute in which to change your mind!" said Johnston, holding up his watch. "Bring along the log, boys, and get her on the swing;" and tightening my grip on the axe I watched the heavy beam oscillate as our partner called off the last few seconds.

"Fifty-four! fifty-five! fifty-six!"—But he got no further. Swinging sideways from the waist, he was only just in time, for once more a pistol flashed among the chairs; and when another man loosed his hold Johnston roared, "Let her go!"

The head of the beam went forward; we followed it with a yell. There was a crash of splintered red-wood, and my axe clove a chair. Then shouting men were scrambling over the remnants of the bar, while just what happened during the next few moments I do not remember, except that there was a great destruction of property, and presently I halted breathless, while the leader of the vanquished, who were hemmed in a corner, raised his hand.

"We're corralled, and give up," he said. "Here's Hemlock Jim—not much good to any one by the look of him. What are you going to do with us?"

"Are those men badly hurt?" asked Johnston.

(Continued on Page 23.)

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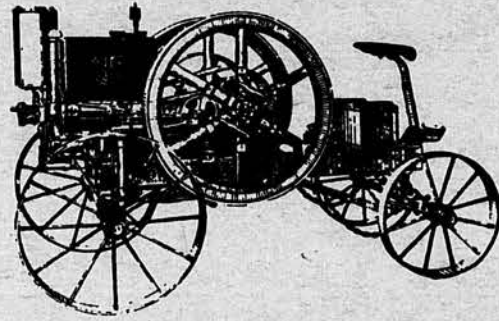
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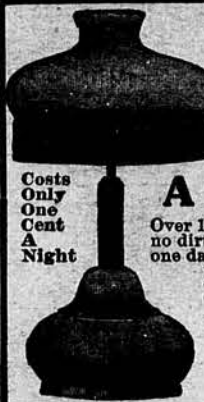
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A few yearling sows, also spring pigs—the handsomest, stretchy kind. Ohio Chief, Col. and Model Top blood lines. Can ship via Rock Island or Santa Fe. Satisfaction guaranteed. A. T. CAMPBELL, MARION, KANSAS

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Both fall and spring farrow, sired by Country Gentleman, Golden Model 4th and other excellent sires. Splendid individuals and bred good enough for anybody. All guaranteed immune and priced worth the money asked. Write W. R. Huston, Americus, Kan.

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Fifty spring male pigs now ready for shipping. All the first class breeding known to Duroc-Jerseys in our herd. We breed more than blood, we go our length on individuality. W. H. & GEO. E. THOMPSON, COLUMBIA, MO.

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By Chief Selection 124885, Pal. 44543, Prof. King 85481. Out of sows just as well bred. Have a great lot of strong husky March males priced right. W. L. STONE, HENRY, ILLINOIS

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Choice boars by Crimson Defender. Immune boars for the farmer at farmer's prices. Write for descriptions and prices. RALPH P. WELLS, FORMOSO, KANSAS

TATARRAX HERD DUROCS

No bred sows or gilts to spare. Special prices on spring pigs. Pairs, trios and young herds with male to mate. Everything immunized by double treatment. Write today. BUSKIRK & NEWTON, Newton, Kan.

Hirschler's Durocs

Herd headed by Graduate King, by Graduate Col. Gilts by Tatarax Chief and E. L.'s Col. bred to him; also a fine lot of spring boars, priced for quick sale. Write today. E. L. HIRSCHLER, HALSTEAD, KAN.

ASH GROVE DUROCS

Choice spring boars weighing 125 to 150 pounds. Priced to sell and guaranteed. PAUL SWEENEY, BUCKLIN, KANSAS.

Pawnee Crimson 117813

by Crimson Wonder 3rd. Spring and last fall boars for sale by three different boars. Priced to sell. DANA D. SHUCK, BURR OAK, Jewell Co., KAN.

Immune Duroc-Jerseys

8 head of spring boars, 2 show boars. 30 spring gilts bred to Watson's Defender, a son of Defender. Satisfaction guaranteed. R. C. WATSON, Altoona, Kan.

HOWE'S DUROCS

Fall yrsg. gilts, out of most prolific sows of breed. Spring boars and gilts by J. U.'s Model by Model Duroc, half bro. of Hutchinson State Fair champion; special low prices on spring boars ready for service. J. U. HOWE, WICHITA, KANSAS

SHEPHERD DUROCS

Ohio Chief, Col. and Good E Nuff Again King blood lines. Choice from large litters, spring and winter boars good enough to please the breeder and at farmer prices. G. M. SHEPHERD, Lyons, Kan.

BONNIE VIEW STOCK FARM

For Sale: March and April boars, tried sows and bred gilts by Tat-A-Walls and Jayhawk Crimson Wonder. Also bred to Tat-A-Walls and gilts bred to Critic B. SEARLE & COTTE, BERRYTON, KANSAS

Duroc Gilts

Bred or open and a number of tried sows. Also a few weaning pigs. Prices reasonable. HAROLD P. WOOD, ELMDALE, KANSAS

Hillcrest Farm Durocs

Boars ready for service sired by Taylor's Model Chief, half brother to Grand Champion Mo. State Fair, 1914. Good boars at farmers' prices. All Immune. E. N. FARNHAM, Hope, Kans.

50 Duroc-Jersey Boars

The actual tops from the 375 pigs of March and April farrow. Sired by five different boars. Up to date breeding and well grown. Farmer's prices quoted. No fall sales. Write SAMUELSON BROS., Cleburne, Kan.

Private Boar Sale

Top boars from our 115 March and April Duroc-Jersey pigs. Nothing but choice ones priced. Extra size, best of breeding. Prices reasonable and satisfaction guaranteed. HOWELL BROS., Herkimer, Marshall Co., Kansas.

A nice catalog will be issued and anyone interested can have one by addressing either Mr. McAfee or Mr. McAllister, at Topeka, Kan. The sale will be one of the big Percheron events of the season and every effort to make it a success is being made by the men back of it. Topeka is easily reached and the big warm stock pavilion at the fair grounds will be made comfortable for the occasion. This sale will be advertised in the Farmers Mail and Breeze and it will be appreciated if you mention this paper when you ask for a catalog.

A Jersey Cattle Auction.
Wednesday, December 16, is the date of O. E. Nichols and J. R. Sterling's dispersion sale of Jersey cattle. This is one of the best opportunities of the season to secure high class Jersey cattle at auction. The offering consists of 37 head of registered and high grade Jersey cattle. Mr. Nichols is dispersing his entire herd and Mr. Sterling is selling a choice lot of young stock. Both are members of the Dickinson County Pioneer Cow Testing association and they will have some interesting things to tell you about both herds sale date. Descriptive lists are out and will be mailed promptly upon application to either Mr. Nichols or Mr. Sterling at Abilene, Kan. Their advertisement appears in this issue of Farmers Mail and Breeze. Kindly mention this paper when you write them for information about this sale.

Nebraska
BY JESSE R. JOHNSON.

Tuesday, December 15, is the date of the big combination Percheron sale to be held at Abion, Neb. The offering is composed of drafts from a number of good herds and this will be one of the good sales of the year.

Remember the big Holstein sale to be held at Pawnee City, Neb., on Tuesday, December 15. This is about the best lot ever offered in Nebraska. Included are cows with records of 500 pounds of butter in 12 months. Also the best pair of big draft mares that will be sold this season.

Immune Poland China Boars.
G. A. Wiebe, Poland China breeder of Beatrice, Neb., is the man to see or write, if you are in the market for a first class big, strong, immune Poland China boar. Mr. Wiebe raised a large number this season and the bunch was very uniform. He still has 25 head that are being priced at from \$25 up to \$40.

Shoebottom Shorthorn Sale.
Edgar Shoebottom of Fairbury, Neb., one of the best Shorthorn breeders of that state, announces a sale at South Omaha for Wednesday, January 6. The offerings will be largely the get of the great Scotch bull Baron Sultan, one of the greatest sons of White Hall Sultan. His dam, Athens of Riverdale, by Imp. Victoria's Count, represents some of the very best Cruickshank breeding. He will weigh 2,500 pounds in show condition. Write Mr. Shoebottom at Fairbury, Neb., for catalog and mention the Farmers Mail and Breeze.

Holcomb's Purebred Poultry.
This issue contains the advertisement of the Nebraska Poultry Co., of which W. F. Holcomb of Clay Center, Neb., is manager. This company handles every variety of poultry, including turkeys, geese and ducks. Last year Mr. Holcomb sold nearly 1,000 Barred Plymouth Rock cockerels and over 800 turkeys. This stock is farm raised and each breed is raised on a separate farm. If you want purebred poultry of any kind or description write this firm and mention this paper.

Geo. Schwab Claims Date.
Geo. W. Schwab, Duroc-Jersey breeder, located at Clay Center, Neb., asks us to announce that he will hold a bred sow sale at his farm Tuesday, January 26. Mr. Schwab is advertising 100 head of registered sows bred and open. He will sell them right along at private treaty and still have plenty for this sale. He still has plenty of big, strong spring and summer boars and says he is sending them out every day. A few good young Red Polled bulls are also for sale and Percheron stallions a little later. The Schwab stock farm is headquarters for good stock and stock can always be had at let live prices.

Have One Jersey Bull Left.
Johnson & Wyle, Jersey cattle breeders, of Clay Center, Kan., write as follows: "We sold one of the Jersey bulls to G. Franzmather of Beloit, Kan. He bought first choice but there was no difference so we just opened the crate and drove in the one out of Decaters Kate. We have the one out of Victoria's Rosalpa left and he is the last bull calf the great Cicero's Roachette Noble ever sired. Another look at him confirms our opinion that he would be a gift at \$100. The other look would be a gift at \$50, but they have decided to sell the young boar. Here is a chance for some one who has a lot of large sows and will have heavy use for a boar. This hog is an exceptionally well bonded fellow, and will be a good investment for some one. Write them about him.

S. E. Kansas and S. Missouri
BY C. E. HAY.

P. L. Ware & Son of Paola, Kan., have changed their copy and are now offering a yearling Poland China herd boar that they had kept in the herd to use in case anything happened to Miami Chief. The offering will consist chiefly of bred sows and bred gilts. Sixty head are cataloged. Shady's Poland Chinas are immune, and in addition he is offering 10 months' time on all purchases at 8 per cent interest. We think this a rare opportunity for those living close to Hume to get in the hog business, for from all indications bred sows

On Thursday, December 17, Ed Sheehy, of Hume, Mo., will hold one of the largest Poland China sales of the season. The offering will consist chiefly of bred sows and bred gilts. Sixty head are cataloged. Sheehy's Poland Chinas are immune, and in addition he is offering 10 months' time on all purchases at 8 per cent interest. We think this a rare opportunity for those living close to Hume to get in the hog business, for from all indications bred sows

Percheron Stallions and Mares

50 Head of Percherons All Registered in the Percheron Society of America



Algarve by Samson at the head of the herd, is a wonderfully impressive sire, weighing over 2200 pounds.

Young stallions and mares by Algarve and big handsome mares of correct type, in foal to him, make up a large part of this offering. His two-year-old daughter was 1st in class at the International and the mares we offer you bred to him are the kind that will do honor to him.

If you want Percherons, we want to meet you and there is no better way than right at our barns and pastures, where you can see what they are and how we raise them. When you see this year's crop of big-boned, square-built, handsome colts you will have a better idea of what we have to sell.

These Percherons are strong in the best blood ever imported from France. They have size, bone and conformation that cannot help but please you if you want the good, big draft type of Percheron. We expect to sell Percherons because we have the right kind and at prices you will say are reasonable. Write wire or phone what you want or when you can call at the farm, 3 miles East of Great Bend. Shipment over both Missouri Pacific and Santa Fe. Call on or address

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75 IMPORTED AND HOME-BRED PERCHERON STALLIONS AND FILLIES FOR SALE
WRITE TODAY FOR CATALOG
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Brilliant Blood, Jet Blacks, Rich Grays
Registered Percheron studs, 1, 2, 3 and 4 years old. I grow great big fellows with extraordinary bone and heavy quarters—I love a good horse. Come and visit at my plain old-fashioned Percheron farm that has the goods, and lots of them. Don't let anyone tell you that they have Percherons just like Fred Chandler's. Just above Kansas City. FRED HANDLER, Route 7, Chariton, Iowa.

BALDWIN DUROCS
Baby boars \$7. Spring gilts \$25. Bred to "Bell the Boy" the undefeated first prize winner at the "Kansas State Fair," the "Penn. State Fair" and the "Interstate Fair". Immune. Rose Comb Rhode Island Red. Winners at the big shows. 19 Incubators. Cockerels \$2. Call and see us. R. W. Baldwin, CONWAY, McPherson Co., Kan.

THE GET OF CHAMPION BOARS
Duroc-Jersey spring boars and gilts sired by 800 and 1,000 lb. champion boars and out of one of the best herds of sows in Mo. Big boned, strong boars ready for service, \$20 to \$25; gilts bred to farrow in March, \$25 to \$35. Register papers furnished without extra charge. Send your check and get your money's worth. R. W. TAYLOR, Olean, Mo.

Royal Scion Farm Durocs
The Great Graduate Col. Col. Scion and Gan's Pride head this herd. Extra choice Fall and Spring boars. Their dams are our best matured tried sows. G. C. NORMAN, Route 10, WINFIELD, KAN.

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Best of blood lines. Big type. Plenty of all ages. Prices right. Guaranteed. MOSE & FITZWATER, GOFF, KANSAS.

115 Rich Bred, RICH RED DUROCS
14 March boars, the tops, nice growthy fellows not fat, weight 125 lbs. to 160 lbs., and Red. Cheap for quick sale. TYSON BROS., McALLISTER, KAN.

Smith's Durocs
Yearling gilts, by Smith's Graduate, others by Tattler, by Tatarax, bred for September litters. Spring pigs either sex. Priced reasonably. J. R. SMITH, NEWTON, KANSAS.

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100 head both sex and pairs not related, sired by Van's Crimson Wonder and Iowa Chief. GARRETT BROS., STEELE CITY, NEBRASKA

DUROC-JERSEYS.

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Immured boars and bred gilts, all from large prolific stock. Band 'O' Col., Superba, Defender, Perfect Col., Good E Nuff Again King, and Ohio Chief blood lines. Description guaranteed. **John A. Reed, Lyons, Kansas**

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Duroc males for sale at twice their market value per lb. Guaranteed Immune and breeders. Inspection before you pay.
F. C. CROCKER, FOLEY, NEBR.



Duroc-Jersey Bred Sows
Fall Yearlings, bred to Advancer. Extra individuals, Crimson Wonder and Col. blood! Also Tried sows open and yearling and spring boars. Will ship on approval. Bed rock prices for quick sale.
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PRIVATE SALE OF DUROC-JERSEYS
6 choice spring boars, 25 spring gilts, 15 fall yearling gilts sired by Royal Wonder. Am pricing the tops and will sell gilts open or bred at reasonable prices. Write for descriptions.
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Immured Boars and Sows

Fifty Immured Duroc-Jersey boars ready for service, \$25 to \$35 and up. 100 Immured sows bred to Buddy K 4th, Wide Awake, Cremo and others, \$30 to \$50 and up. Ready for immediate shipment. See W. Schwab, Clay Center, Nebr.

Select Chief, The Grand Champion

this fall at Hutchinson and Oklahoma City. We won 24 ribbons at the two shows. All our top spring boars at private sale. Write for particulars and prices.
THOMPSON BROTHERS, GARRISON, KANSAS.

Good E. Nuff Again King, Grand Champion

Crimson Wonder 4th, second, Kansas State Fair 1913. Oley's Cream, Junior champion Kansas State Fair 1914. Herd boars and grand champion prospects for sale. **W. W. OTEY & SONS, WINFIELD, KANS.**

25 March and April Boars

by Dreamland Col., by Clear Creek Col., by Burt 711, by Crimson Wonder 4th, from \$20 to \$35. Herd boar prospects and show prospects. Write soon and get the choice ones. **J. R. JACKSON, KANOPOLIS, KAN.**

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We hold no public sales; nothing but the best offered as breeding stock. Choice spring boars, also gilts, open or bred to order for spring farrow. Customers in 13 states, satisfied. Describe what you want. We have it.
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JACKS AND JENNETS.

Big Boned Jacks and Jennets
Herd won more prizes at Oklahoma State Fair 1914 than all others combined. One of the oldest established herds in the state. **J. H. SMITH Kingfisher, Okla.**



MAMMOTH JACKS

You will find at my barns one of the largest number of best quality registered, big-boned black jacks, 15 to over 16 hands, to be found in the U.S. Reference, Banks of Lawrence. Location 40 miles west of Kansas City on the U. P. and Santa Fe. Prices reasonable.
Al E. Smith, Lawrence, Kas.

Jacks and Jennets

A good lot of two to six-year-old jacks, well broke and quick servers, the kind that gets business in any community. Reduced prices for the next 30 days. Call or write.
PHIL WALKER
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FOR REGISTERED PERCHERON HORSE and IMPORTED JACK, extra good stock.
SALE, M. T. CARMEL HORSE COMPANY, Pleasanton, Kansas, J. T. Holt, Sec.

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70—Horses—70
The great general purpose horse. Satisfaction guaranteed. Write or call.
J. C. BERGNER & SONS, Pratt, Ks.

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35 Head from which to select. Write your wants today. Our prices talk best.
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LATHAM, BUTLER COUNTY, KANSAS

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2 Black PERCHERON Stallions
Big, sound, attractive horses, with unusual style and action. Priced to sell. Bargains.
Sutton Farm, Lawrence, Kans.

are going to sell at a very high figure later on and the chances are that it will require the cash to buy at that time. Mr. Sheehy had expected to sell some boars in the sale, but had such a large private sale this fall that he has sold all the boars. He will sell two dark red, high grade Shorthorn bulls of serviceable age. Write at once for a catalog and plan to attend this sale. See the display ad in this paper and remember that all hogs are immune.

Watson's Duroc-Jerseys.

R. C. Watson of Altoona, Kan., is changing his ad in this issue and offering eight head of spring boars, two show boars, 30 spring gilts bred to his new boar, Watson's Defender. Everything in the offering is guaranteed in every way. The breeding of this offering is as good as the best and Mr. Watson's guarantee is absolutely good. The new herd boar is by Defender 8638, out of Crimson Model 3d, by Crimson Wonder 3d. The gilts offered for sale are sired by Watson's Model Top, Watson's Colonel and R. C. Buddy and bred to Watson's Defender for spring farrow. Here is champion blood close up on both sire and dam's side. If interested in the offering write Mr. Watson, mentioning this paper.

Sutton's Champion Berkshires.

On a recent visit to the Sutton Farms we found them with only a very few serviceable boars left to sell. This farm has made such a remarkable showing this fall that selling is a very easy thing for them. In looking over the awards of various state shows of 1914 we find that they have to their credit 100 ribbons on the 14 head shown, including 25 championships, 31 firsts, and 20 seconds. We note further that in the four state fairs and the Interstate fair at St. Joseph, Duke's Bacon 8th was the undefeated aged boar. The junior yearling boar Robinhood Style and the senior yearling boar Classy Robinhood were also undefeated. The sows made an equally good showing. A herd is now being fitted for the Pan-American Exposition in 1915. Sutton Farm is now filling orders for fall pigs, and bred sows and bred gilts. They have a new catalog on the press. If you want a pig from undefeated ancestors, write for this catalog. Please mention this paper when you write.

Overland Park Guerneys.

One of the most interesting places visited this week was the Overland Guernsey Farm at Overland Park. This splendid farm is owned by Conway F. Holmes of Kansas City, Mo., and is superintended by G. W. Sutherland. In this herd are 28 imported and 10 American bred cows. Of this 38 head there is hardly one but what has made records enough to furnish plenty of material for a good long fieldnote. One fine cow has just finished her seventeenth month in milk making an average of 22 pounds of milk per day, with an average test of 8.50 per cent. Their champion 4-year-old cow, Daisy of the Hall, is milking 1,200 pounds per month, testing 6.75 per cent. She has cleared over \$50 a month since January 1. Overland Farm has for sale three bulls of serviceable age, sired by May Royal, the by May Rose. There are also two 6-months-old bull calves, by this great bull. In May Royal there are four generations of May Rose blood. They also offer two imported bulls of serviceable age, by Claras Sequel. If you are going to use a Guernsey bull why not get the best there is? Write the Overland Guernsey Farm for more about these good cattle.

Publisher's News Notes

"Sweeney."

The Sweeney Automobile School of Kansas City, Mo., has issued one of the finest and largest photographic catalogs issued by any school in the country. This valuable book contains 115 illustrations, showing every phase of repair work on automobiles and the men learning to drive and repair automobiles and tractors. It is a moving picture show demonstrating the advantages of the Sweeney Automobile School where men are taught in six weeks every detail of the automobile business, and are fitted to earn from \$75 to \$150 a month as skilled mechanics or garage owners. Every young man mechanically inclined should get Mr. Sweeney's catalog. This book costs 10 cents to mail, and costs Mr. Sweeney 50 cents apiece to publish, yet it will be sent free upon request. To obtain this book and also a certificate which will entitle you to a free course in traction engines, write today to the Sweeney Auto School, 1170 East 15th St., Kansas City, Mo.

Give Useful Gifts.

Several years ago there sprang into existence the Society for the Prevention of Useless Giving and the members of it became known as "Spugs," a word formed from the first initials of the main words of the name. The idea is said to have been fostered by Mrs. August Belmont of New York, and Theodore Roosevelt and Judge Ben Lindsey are both reported to be Spugs. There are of course no initiation fees or dues or anything of that sort—no personal requirements of any kind. All that you do to become a Spug is to stop useless gifts and giving. Not such a bad idea, for it must be admitted that many Christmas gifts are far from useful, and the best that might be said about them is that they are Christmas gifts. When selecting a gift it is well to try to get something which will be useful to the recipient, for a gift of this sort is always appreciated the most. Musical instruments are almost without exception gifts which are very acceptable, and a Victor or Victrola will be welcomed with delight in any home. It is a pleasure not only at Christmas time but all the time. Instrumental selections by the world's most famous bands and orchestras, superb solos by noted instrumentalists, vocal selections of every kind—operatic, sacred, old-time favorites, and the latest popular songs of the day—all these things and many more can be enjoyed on the Victrola whenever and as often as you wish to hear them. It is interesting to know that the Victrola is used by Mr. and Mrs. Vernon Castle for teaching dancing, and the making of Victor Dance Records is supervised by these greatest of all authorities on the modern dances. It would be well to at least hear the Victrola before getting any Christmas gift that will have a place in your home; or if there is already a Victor or Victrola in your home, some new Victor records will make a most acceptable gift. Any Victor dealer will be glad to demonstrate the different styles of this wonderful

Twentieth Sale of Imported and America Bred Registered Percheron Stallions Mares and Colts

at the Whitewater Falls Stock Farm
J. C. ROBISON, Prop., Towanda, Kan.

Thursday, December 17, 1914

Twenty-Five Stallions and Twenty-Five Mares

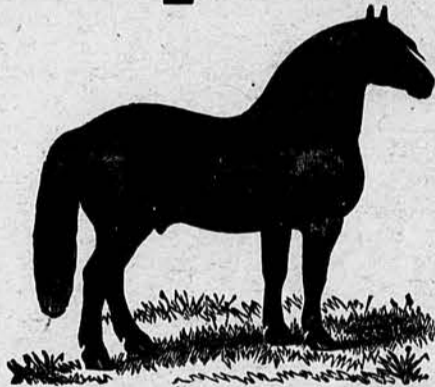
Including the 1914 Show herd. Stallions and Mares sired by Casino and Mares bred to CASINO. Brood mares with colts by sides. This herd won more PRIZES at the Hutchinson, Kansas State Fair, The Oklahoma State Fair and the Ft. Worth Live Stock Show at Ft. Worth, Texas, than all other herds exhibiting combined. This is without doubt the grandest offering of young STALLIONS and BRED MARES that has ever been offered from this farm. Come where you can secure the BEST that grows, either IMPORTED or AMERICAN BRED.

Sale to be held in SALE PAVILION on the farm, four miles northwest of Towanda, Kansas. Towanda is on the Mo. Pac. 20 miles east of Wichita. For catalog address,

J. C. ROBISON, Towanda, Kan.

Auctioneers—R. L. Harriman, J. D. Snyder, Boyd Newcom, W. M. Arnold, W. P. Ellet.

Cooper's Dispersion Sale



Nickerson, Kan.
Wednesday,
December 16th

30 Horses, Jacks and
Mules, 50 Cattle, Grade
Jerseys and Shorthorns

REGISTERED PERCHERONS, one 4-year-old imported stallion weighing over 2100 lbs., extra bone, size and quality, grandson of Besique, one 7-year-old stallion in ton class has numerous state fair prizes to his credit, a great breeder. One aged and one yearling stallion also sell. One 1700 pound brood mare showing safe in foal to the imported stallion together with her weanling filly, 1st prize at Hutchinson this year.

BELGIAN STALLION, one imported seven-year-old weighing right at a ton, was 1st prize winner at Hutchinson, 1914, great bone and conformation.

JACKS, four serviceable Jacks six to seven years old all ready for hard service, extra good breeders and guaranteed as to performance.

JERSEY MILK COWS, 18 grade Jersey cows two to six years old, all fresh or due to calve soon. A great opportunity for the farmer or dairyman.

SHORTHORNS, 32 head consisting of milk cows, yearling and two-year-old heifers. Trains will be met at Hutchinson, Partridge, and Nickerson. Come to Nickerson if possible. For further particulars address.

C. F. Cooper, Nickerson, Kan.

Aucts.—Harriman, Snyder, Langford, Potter. Fieldman—A. B. Hunter.

LIVESTOCK AUCTIONEERS. FLOYD CONDRAY, Stockdale, Kansas. Livestock auctioneer. Write for open dates.

RUGGELS & SON SALINA, KAN. BEVERLY, KAN. Livestock, Real Estate. Address either place.

Livestock Artist HARRY SPURLING, TAYLORVILLE, ILL.

BOYD NEWCOM Wichita, Kansas. AUCTIONEER. Real Estate a Specialty. Write, wire or phone for dates.

N.W. COX Wellington, Ks. AUCTIONEER. LIVESTOCK AND FARM SALES.

Spencer Young, Osborne, Kan. Livestock Auctioneer. Write for dates.

Jas. T. McCulloch, Clay Center, Kan. Reference: The breeders I am selling for every year. Write for open dates.

WILL MYERS, Livestock Auctioneer BELLOIT, KANSAS. Ask the breeders in North Central Kansas. FOR DATES ADDRESS AS ABOVE.

D. F. Perkins, Concordia, Kan. Livestock Auctioneer. Write, wire or phone for dates.

FRANK J. ZAUN FINE STOCK AUCTIONEER. "INDEPENDENCE, MO." "Get Zaun. He Knows How." Bell Phone 675 Ind.

JESSE HOWELL, HERKIMER, KAN. of Howell Bros., breeders of Durcos and Herefords can make you money on your next sale. Write for dates.

W. A. Fisher, White City, Kan. Livestock Auctioneer. Write or Phone for dates.

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.

MISSOURI AUCTION SCHOOL Largest in the World. W. B. Carpenter, Pres 618 Walnut St., Kansas City, Mo.

RED POLLED CATTLE. FOSTER'S RED POLLED CATTLE Write for prices on breeding cattle. C. E. FOSTER, R. R. 4, Eldorado, Kansas.

RED POLLED CATTLE Choice bulls, cows and heifers for sale. Best of breeding. Write or better come and see CHARLES MORRISON & SON, Phillipsburg, Kan.

RED POLLED CATTLE Cows and heifers ranging from mature cows to yearlings that carry the best blood of the breed.

SHORTHORNS. SHORTHORN BULLS 4 Shorthorn bulls, 7 months old, white and roans, sired by Golden Cruickshank, pure Scotch.

Shorthorns Choice young bulls by my 2,200-lb. Searchlight Bull. Also a few big type Poland China boars. A. M. MARKLEY, MOUND CITY, KANSAS

Shorthorn Bulls 6 bulls from 1 to 14 months old. Also 6 heifers from 1 to 2 years old. Got by pure Scotch sires. A grand lot. Prices reasonable. L. M. Noffsinger, Osborne, Kan.

Abbotsford Stock Farm 30 years the home of Scotch and Scotch Topped Shorthorn Cattle For Sale: 20 bulls, six to 12 months old. Roans and Reds.

Pearl Herd Shorthorns Valiant 346162 and Marengo's Pearl 391963 in service on herd. Choice early spring bulls by Valiant for sale. Thrifty and good prospects. Scotch and Scotch Topped. Correspondence and inspection invited. C. W. Taylor Abilene, Kansas

instrument and play any music you wish to hear, or you can write to the Victor Talking Machine Co., Camden, N. J., and they will gladly send their latest catalogs of instruments and records.

Need Rain in Wheat Fields Rain is needed in all parts of Kansas now. The ground is hard and dry in most of the wheat fields, and in some places the wheat is being injured.

KANSAS. Coffey County—Fine weather for fall work. Too dry to plow. Kafir being threshed. Stock doing well.

Hodgeman County—About the usual acreage of wheat has been sown. Lots of good hay. Feed poor. Corn good. Need rain.

Stafford County—Very nice weather but it is very dry. Half of the wheat is not up but that that is up is fair.

Decatur County—Corn husking nearly finished. Weather fine so far. Ground getting dry.

Crawford County—Continued dry weather is making stock water scarce. Corn husking about done.

Pawnee County—No change in crop conditions. No moisture since early in the fall.

Bourbon County—Very little cold weather here to date. Corn husking about finished.

Morton County—Threshing half done. Maize making 50 to 60 bushels an acre.

Norton County—Very dry fall. Wheat condition is 60 per cent. Hog cholera in west part of county.

Wyandotte County—Weather mild but there has been no rain for a long time.

Washington County—Fine weather for husking corn the last month but it looks stormy today.

Sheridan County—Very dry weather. No rain for two months. Wheat is at a standstill.

Lincoln County—Fine weather for farm work but too dry for wheat and some of it is dying.

Pottawatomie County—Wheat nearly all threshed and it was the best crop ever raised in the county.

Republic County—Weather ideal for fall work but moisture is needed for wheat.

Dickinson County—Weather continues nice. Last few days have been damp and foggy.

Atchison County—Corn husking nearly finished and the yield is between 10 and 30 bushels to the acre.

Rawlins County—November was a dry month and we have had no rain or snow yet.

Cloud County—Weather dry and quite warm for the season. Stock doing fairly well but cattle and hogs were sold off rather closely.

Woodson County—Cloudy and cold for a week with misty and foggy weather for three days.

Sumner County—This county badly in need of rain for the wheat. Early sown wheat looks very yellow and the grub worms have killed some fields.

Lookabaugh's Shorthorns

More and better Shorthorns for my customers than ever before. \$20,000 worth of pure bred Registered Shorthorns to sell the next 60 days.

Foundation stock that carry the blood of the very best Scotch families. Strong in the blood of the most noted sires of the breed.

2 heifers and a bull — milking strain, not related — \$250. 2 fresh milk cows, calf at foot and rebred—milking strain—\$350.

8 head of heifers, milking strain and Scotch herd bull all for \$1,000. A car load of rugged young bulls, \$100 to \$150 each.

A WORD TO MR. BREEDER. It is easy to increase the value of every Shorthorn you raise from \$10 to \$30, simply by using a better breeding bull.

CALL ON OR WRITE H. C. Lookabaugh, Watonga, Okla.

Reduction Sale of Shorthorns

175 Head of Shorthorns consisting of many choice animals that carry the blood of noted sires and fashionable families. Built up from foundation stock purchased from the best breeders of the Southwest.

50 HEAD MUST SELL IN 60 DAYS. Here is the Bargain Counter for the man who expects to start in the Shorthorn business.

M. S. CONVERSE, Peabody, Kansas

HIGH GRADE and REGISTERED HOLSTEINS

OVER 100 HEAD OF COWS, HEIFERS AND BULLS. The silo and dairy cow are here to stay. There is big money and sure profit in the dairy farm if you use the right kind of cows.

Clyde Girod, Towanda, Kansas

SCOTCH and SCOTCH TOP BULLS

10 pure Scotch and Scotch topped bulls of serviceable ages. Also 10 picked Poland China boars and my herd boar A's Big Orange.

S. B. AMCOATS, CLAY CENTER, KAN.

HEREFORDS. HEREFORD SALE

I will sell at public auction at my farm 5 ml. east, 1 ml. north of BLUE RAPIDS Thursday, December 17th 10 horses and mules, 24 reg. Herefords, consisting of 15 registered heifers 10 months to 2 years old, and 9 bulls 10 months to 3 years old.

Geo. Miller, Blue Rapids, Kan. Col. Gordon, Auct. C. E. Cummings, Clerk.

Sedlacek Herefords

14 bulls from 6 to 16 months old for sale. Popular breeding and the best of individuals. Write for full particulars and prices.

J.F. Sedlacek, Blue Rapids, Kan.

Pollerd Hereford Bulls of serviceable ages. 75 Rock cockerels. Write W. C. MUELLER, Hanover, Kan.

TILLEY'S HEREFORDS

A carload of richly bred heifers. 20 yearlings and 13 two-year-olds. The two-year-olds are safe with calf. Extra choice.

S. W. TILLEY, IRVING, KANSAS

Prime Herefords

Clover Herd headed by Garfield 4th, by Columbus 53rd. Choice cows from Funkhouser, Sunny Slope, Newman and other noted herds.

F. S. JACKSON, TOPEKA, KANSAS

For Sale

20 registered Hereford bulls, 6 to 15 months old, \$75.00 to \$100.00, delivered. 10 registered heifers, 6 to 9 months old, \$650.00. A-No. 1 coming 3-year-old Columbus bred herd bull.

FRED R. COTTRELL, Irving, Ks.

DAIRY CATTLE.

AYRSHIRES

Registered bull calves cheap, if taken before December. Good enough to head any purebred herd. DR. F. S. SCHOENLEBER, MANHATTAN, KANS.

Sunflower Herd Registered Holsteins

A number of choice young bulls all from A. H. O. dams and from proven sires and grandfathers. (A good bull is a profitable investment, a cheap bull will prove a disappointment.) Buy a good one from F. J. SEARLE, OSKALOOSA, KANSAS

Linscott Jerseys

Premier Register of Merit Herd Est. 1878. Bulls of Reg. of Merit, Imported, Prize Winning stock. Most fashionable breeding, best individuality. Also cows and heifers. Prices moderate. E. J. LINSOTT, HOLTON, KANSAS

Registered Jersey Cattle

7 bulls from 1 to 12 mos. All solid colors by Blue Boy Baron. Also Forfarshires Fine Boy. Extra individual, 50 per cent Forfarshire blood. Cows and heifers. S. S. SMITH, CLAY CENTER, KANSAS.

Holstein-Friesian Bulls

Very attractive prices on a registered herd bull, two years old and on younger registered bull calves for next few weeks. One a son of 90 lb. cow and her grand dam a 101 lb. cow. HIGGINBOTHAM BROS., ROSSVILLE, KANSAS.

BONNIE BRAE HOLSTEINS

I am offering this week 7 head of Registered heifers coming two year olds and 6 head of cows from 3 to 5 years old. Will make an attractive price on the bunch. IRA ROMIG, Sta. B, TOPEKA, KANSAS.

SMITH'S ISLAND BRED JERSEYS

Have won more ribbons than any other Western Herd. 75% Island breeding, 50 cows and heifers, both bred and in milk. 12 bull calves up to yearlings from great dams. J. B. SMITH, PLATTE CITY, MISSOURI (10 Miles East of Leavenworth)

HIGH GRADE HOLSTEINS

Over 200 head in herd. Special prices on cows and 40 yearling and 2-year-old heifers. Sired by Sudd Butter Boy King, whose dam and granddam were 27 lb. cows. 40 miles west of K.C. N. EAGER, R. R. No. 8, Lawrence, Kansas

HOLSTEINS —CHOICE BULL CALVES

H. B. COWLES, TOPEKA, KANSAS.

This Jersey BULL CALF

is the last son of Cicero's Roquette Noble. He is out of Victoria's Ros-alpha 2750 Golden Lad breeding. He is worth \$100 but we need the money for Xmas and will take the best check for \$50 recorded and transferred free to buyer. This price will be doubled Jan. 1st. We sold the other one to G. Franzmeyer of Beloit, Kan. Wylie & Johnson, Clay Center, Kan.

SOMMER--BLADS GUERNSEYS!

TUBERCULIN TESTED.

Some matured cows and young bulls by Chief Glenwood Boy of Haddon, Penryn 2d and Flash of Fenmore (A. R. 55). Address ERNEST KENYON, Nortonville, Kansas

GUERNSEYS

I have one very choice Guernsey bull of serviceable age, out of imported sire and dam; also one six-months old bull—very choice.

OVERLAND GUERNSEY FARM, OVERLAND PARK, KANSAS

ABERDEEN-ANGUS.

 **Aberdeen Angus Cattle**
DUROC HOGS
Johnson Workman, Russell, Kan.

ANGUS CATTLE

I will sell in herd bull Rutger Heatherson 3rd, 138104 and eight coming yearling bulls; also some females, open and bred. My herd consists of animals of the best breeding, strong in the blood of the Blackbirds, Queen Mothers, Brnee Hills, Heatherblooms and Lady Jeans. W. G. DENTON, Denton, Kansas

Aberdeen Angus Cattle

50 Females Yearlings and coming yearlings; also one three-year-old bull.
50 Bulls These are the best cattle we have ever offered and priced for quick sale.
SUTTON FARMS, Route 6, Lawrence, Kan.

GALLOWAYS.

Registered Galloways
Either Sex
Walter Hill, Hope, Kansas.

Registered Galloways

 250 in herd, 40 bulls from 5 to 18 months, sired by the 2260 lb. Carnot. Imp. breeding. W. W. DUNHAM, Doniphan, (Hall County), Nebraska.

CAPITAL VIEW GALLOWAYS

Bulls from 6 months to 2 years; also a few females of modern and quick maturing type.
G. E. Clark, Topeka, Kan.

POLLED DURHAMS.

Sleepy Hollow Polled Durham Cattle
12 good bulls coming 1 year old, bred cows and heifers for sale. Also a number of good jacks. C. M. HOWARD, Hammond, Kansas.

wheat looks good. Many farmers pasturing their wheat heavily to rid the fields of the yellow spots. Cattle doing fine so far this winter. Wheat \$1; corn 73c; kafir 57c; potatoes 65c; eggs 27c; butter fat 30c; oats 45c; apples 80c.—E. L. Stocking, Dec. 4.

Pigs Have Thumps

I have some pigs, 2 or 3 weeks old, which seem to have the thumps. The symptoms are a jerking of the sides and heavy breathing when they sleep. They seem to be doing well except that the hair of one is rough. N. S. Comanche County, Kansas.


The symptoms given indicate thumps with probably a slight attack of pneumonia. This trouble usually is caused by overfeeding, sudden changes in the feed, lack of exercise, and sleeping in damp, cold beds. The best treatment is to change the "balance" of the feeds; supply more protein or growth producing feed; and get the pigs out in the sunshine where they will take more exercise. It often is a good plan to reduce the feed given the sow, for a few days. The sleeping quarters should be well ventilated, free from drafts, and warm. The pigs should have plenty of warm, dry bedding; and every sow and pig should have a separate sleeping place. Too many sows and pigs sleeping together often is the cause of colds, pneumonia, and heavy losses. Turner Wright.

Lorimer of the Northwest

(Continued from Page 13.)

"Not much," some one answered. "Pete's drilled clean through the upper arm; it missed the artery, and the ball just ripped my leg."
"Well, we'll settle about Jim afterward; it's surgical assistance he wants first. As to the rest of you, he led you into this, and we'll let you go on two conditions—you subscribe a dollar each to Miss Marvin's society and sign the pledge."
There was a burst of laughter, in which even some of the vanquished joined sheepishly; but as they filed past between a guard armed with shovels and empty bottles Johnston saw that they filled their names into the book, and duly handed each his ticket, while I regret to say that Harry's selection was daringly appropriate, as with full musical honors he played them out.
"There's a hat at the door!" said Johnston, "you can put your dollars in. You have spent an exciting evening, and must pay for your fun." And presently that hat overflowed with money, while Lee, with his Ontario stalwarts, did huge execution with a shovel among such bottles as remained unwrecked behind the bar. We placed Hemlock Jim on a stretcher groaning distressfully, while our two wounded declared themselves fit to walk, and before we marched off in triumph to the camp Johnston raised his hat as he placed a heavy package of silver in Miss Marvin's hand.
"I've no doubt your organization can make good use of this," he said. "It's also a tribute to your own bravery. I'll leave you half a dozen men who'll camp in the road opposite your lodgings, and see you safely back to the main line tomorrow. They're most sober Calvinists, with convictions of the Cromwellian kind, and I don't think any of our late disturbers will care to interfere with them."
When we approached the tents, chanting weird songs of victory, the surveyor met us, and in answer to his questions Johnston laughed.
"The temperance meeting was an unqualified success," he said. "We've broken up all the bottles in the Magnolia saloon—Lee revelled among them with a hammer. Then we made all the malcontents we could catch sign the pledge, and you'll find the chief dissenter behind there on the stretcher."
"Glad to hear it," remarked the surveyor, dryly. "Judging by your appearance the proceedings must have been of the nature of an Irish fair."
I remember that when we discussed the affair later Johnston said, "What did I do it for? Well, perhaps from a sense of fairness, or because that girl's courage got hold of me. Don't set up as a reformer—that's not me; but I've a weakness for downright if blundering sincerity, and I fancied I could indirectly help them a little."
The next morning we were astonished to find that Hemlock Jim had gone. "Thought he was dyin' last night!" said the watcher, "and as that didn't matter I went to sleep; woke up, and there wasn't a trace of him." This was evidently true, and where he went to remained a mystery, for we heard no more of Hemlock Jim, though there was a marked improvement in the morals of Cedar Crossing, while, and this we hardly expected, some of those who signed that pledge honestly kept it.
TO BE CONTINUED.

Shorthorn Cattle Sale!
3 miles south of Atlanta on Frisco
5 miles north of Burden on Santa Fe
Atlanta, Kan., Friday, December 18
60 — HEAD — 60



30 purebred and registered, consisting of 19 cows, due to calve soon or with calf at foot, 3 yearling heifers, 8 bulls, 7 to 14 mo. old.

30 high grade Shorthorn cows, all broke milkers and safe in calf to Prosper, a Stodder bred bull, whose sire was a winner at the Royal, 1908.

A TYPICAL SHORTHORN COW.

Here is a rare opportunity for the farmer or breeder who is on the lookout for good Shorthorns, either pure bred cows, heifers or bulls or high grade milk cows to produce extra feeding stock cattle, strong in milking qualities.

The foundation females of this herd were selected for their good qualities from such herds as J. F. Stodder, S. C. Hanna, Purdy Bros., and others. Nearly half of the registered cattle are by Scottish Prince, a Hanna bred bull, by Imported Lord Cowslip, out of Red Queen, by Imported Scotchman. Annetti, the cow that as a heifer, won in the Stodder young herd so many times with two daughters, by Silver Mine, and one by Prosper, also the cow Idelwild Ruby, a Purdy Bros. bred cow, with two daughters, by Captain Lovely, will also sell. Some of the best sires and families of the breed are represented. Write today for catalog.

R. A. STEPHENS, Atlanta, Kan.
Auctioneers: J. D. Snyder, Len Hoover. Fieldman: A. B. Hunter.

Cattle! Shorthorn Cattle!!
150 Head { 100 cows and heifers bred or with calf at foot. 25 choice young heifers. 25 young bulls, 8 to 20 months old.

Rosewood Dale by Avondale and out of Rosewood 92nd, a sire of unusual merit heads this herd. A large per cent of these cows and heifers are bred to this son of the champion Avondale. When you visit the herd and see 30 of his last season's get, 17 sweet heifers and 13 young bulls, 8 to 10 months old, they will prove without a word his ability as a sire and you will appreciate more the cows and heifers bred to him. Here is

A RARE CHANCE FOR BREEDER AND FARMER
who can use a number of breeding Shorthorns to increase their number or lay the foundation for a beginning Shorthorn herd.

Special Prices will be made to those who buy a male and females to mate. The foundation females of this herd are mostly from my Wisconsin herd and are strong in milking strains. If you want Shorthorns we can do business. Address

LEVI ECKHARDT, 1203 East 10th St., Winfield, Kan.

Dairy Cattle Dispersion Sale
37 Head of Registered and High Grade Jersey Cattle, 37
Abilene, Kans., Wednesday, December 16th

The offering consists of eight cows in milk, 10 heifers (springers), seven bred heifers, four open heifers, two extra well bred bulls, two yearling bulls and several bull calves. Most of the heifers are the offspring of the Sunnyside Jersey dairy herd and are backed by the official records and Reg. of merit tests of this herd. The whole offering is one of high merit and if you want the best come and buy at your price. Send for descriptive list and mention the Farmers Mail and Breeze. Address either

O. E. Nichols, J. R. Sterling, Abilene, Kansas
Auctioneers: Jas. T. McCulloch, W. C. Curphey; Fieldman, J. W. Johnson



Read How Fortunes Are Made Quick By Pulling Stumps

LET me send you my new, fine, free book at once. I want to show you *proof* of how you can turn each acre of stump land into a double profit the first year, in extra crops and added value of land—by pulling stumps with the Hercules All Steel Triple Power Stump Puller—and how you can make *big Money* in your spare time by pulling stumps for your neighbors or by renting your machine at a nice fat profit. My book shows actual photographs and prints, actual letters from many owners, telling of the remarkable feats of the Hercules—how it pulls any size stump, green tree or hedge in less than five minutes—how it easily pulls an acre a day. Read how one man increased his land value from \$25.00 an acre to \$125.00. Read why the Hercules is the *best investment* you can make now. The

Hercules ALL STEEL TRIPLE POWER Stump Puller

is the puller that has the single, double and triple power features, giving you three machines in one. There isn't a stump, green tree or hedge grown that the Hercules won't pull out without straining or breaking any castings. It's the low-down constructed puller that has self-anchoring and stump-anchoring features—the one with double safety ratchets, that insure the absolute safety of men and team. I want to send you a Hercules on

safety ratchets and the careful turning and grinding of every part—all these things make it safe for us to guarantee the replacement of any casting of a Hercules that breaks any time within three years, whether it is the fault of the machine or your fault. Also portable hand puller for the man who has no horses.

30 Days' Free Trial

so you can see how powerful it is and how easy it works. I want you to know for yourself that the all-steel construction means 60% less weight and 400% greater strength than cast-iron or "semi-steel." Besides that, I want to save you big money on the cost. I'm making a

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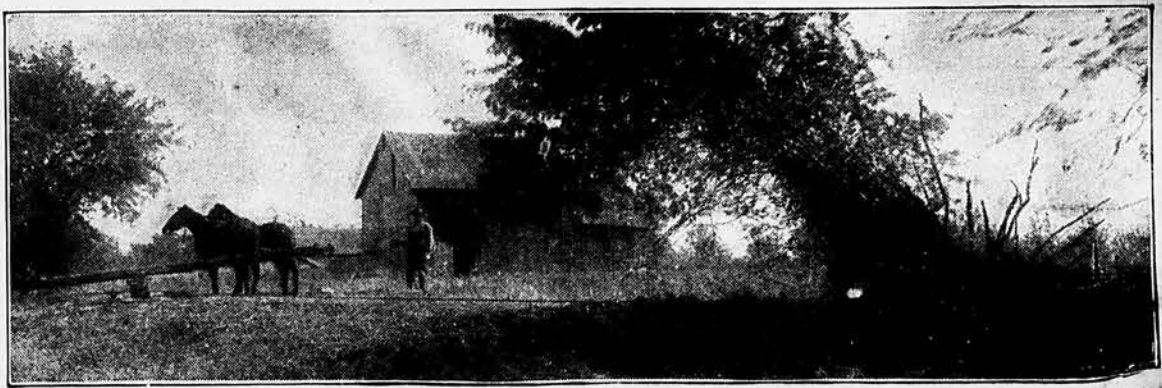
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