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PAPY



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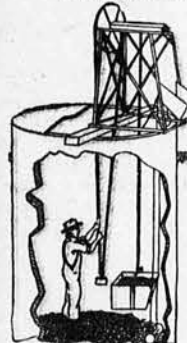
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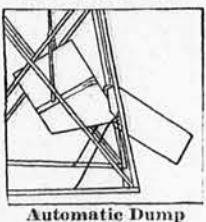
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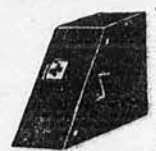
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Our Washington Comment

By Senator Capper

RETRENCHMENT of the most emphatic character and economy of the most drastic sort must be the watchword of the session of Congress that has just begun its labors. This has been made the more imperative because of the continued reckless expenditures of the present Administration and the obvious purpose of the various Government Departments to force Congress to grant even larger appropriations than have prevailed since the Great World War came to an end. Particularly is this true of the War Department.

With a contemptuous disregard of the wishes of Congress, as shown by the last military appropriation bill, the War Department has gone right ahead maintaining a much larger army than was provided for by Congress and it is said that all the money appropriated to run the Army up to June 30 next year will have been spent by February 15. Congress either will have to make a big deficiency appropriation of not less than 100 million dollars to run the Army the next four months or make a radical reduction in the size of our military forces. In any event there will have to be some sort of a deficiency appropriation, for it is not possible to do away entirely with the Army.

Besides incurring this great deficit this year Secretary Baker has asked Congress for an appropriation of 700 million dollars to run the Army for the next fiscal year, or almost twice as much as was appropriated for the year that ends next June 30. And this does not include provision for West Point and for the fortifications and coast defenses. When these items are in, the amount asked will be about three times as much as was allowed by Congress for the maintenance of the War Department during the present year. Of course, Congress is going to allow no such amount. The appropriations for the Army probably will be cut down to less than half the amount asked for by Secretary Baker and his Government Bureau chiefs, and it will have to be chopped still more if the total of appropriations are kept down to a point that will be satisfactory to the people.

Retrenchment is Necessary

Another example of total lack of response by the present Administration to the Nation's demand for retrenchment and economy is afforded by the demand for \$136,452,634 to run the Legislative, Executive and Judicial branches of the Government during the next fiscal year, as against \$105,855,899.75 for the current year, ending June 30 next. This, if granted, would be an increase of more than 30 million dollars for this purpose alone. In these estimates are included an item of 33 million dollars to pay the expense merely of collecting the internal revenues of the Government. This is 12 million dollars more than was required for this purpose during the present year. Think of paying this enormous sum—nearly 1/4 million dollars on the average for every state in the Union—merely to collect a part of the money required to run the Government. Obviously this sort of thing cannot go on forever without bankruptcy to the Government.

Opposes Salary Increases

In the face of all this it is reported that some Congressmen are proposing to increase the salaries of Senators and Representatives from \$7,500 to \$12,500. I do not believe any Congressman will have the hardihood actually to make such a proposal, but if any attempt should be made I shall oppose it with all the vigor I can command, and I am sure it will be beaten. Uncle Sam is staggering under altogether too great a load of debt to warrant the increase of any salaries, least of all those of Senators and Representatives.

To Limit Appropriations

It is absolutely imperative, therefore, that the session of Congress just beginning scan the appropriations as never before with a view to effecting the greatest economies possible. It is

obvious that if Congress is to make any considerable headway in that direction it must be in savings effected in the Army and Navy Departments and co-ordinated activities. By the most liberal estimates every expense chargeable to non-military activities does not bring the total above 12 per cent of the total expenditures, while a fair assignment of activities as military or non-military would bring the latter far below that figure. This leaves 88 per cent of all the costs of our Government attributable to past wars and preparation for future wars.

An instructive analysis of the civil expenses of the Federal Government recently was given by Dr. E. B. Rosa, chief physicist of the Bureau of Standards at a meeting of the Washington section of the American Society of Mechanical Engineers. The statement made covered the period from July 1, 1909, to July 1, 1919, or 10 fiscal years. The fees, fines and other earnings collected by the various branches of the Government were deducted for every bureau or department from the gross expenditures, so that the actual net expenses payable from taxation remained.

Three Interesting Groups

In this analysis the civil side of the Government was divided into the following three groups:

1. The Legislative, Executive and Judicial group, including Congress and the Federal courts and penal establishments, the President and all the commissions reporting to him; the Departments of State, Justice, and Post Office; the greater portion of the Treasury Department, and large parts of the Departments of Interior, Commerce, Agriculture and Labor. The activities of these agencies are correctly described as the primary functions of a National Government.

2. The Scientific, Educational and Developmental work of the Government. This group includes the Research and Developmental work of the Department of Agriculture, Geological Survey, Bureau of Mines, Bureau of Education, Coast and Geodetic Survey, Bureaus of Standards, Fisheries and Census, labor statistics and women and children, the public health service, vocational and agricultural education, Library of Congress and Smithsonian Institute.

3. The Public Works group, embracing the Panama canal, rivers and harbors' improvement, construction of public buildings, Alaskan railway, highway improvement, and the Reclamation Service.

For the 10 years' period embraced in this analysis the average annual net expenses of all these groups combined were \$211,342,789. Of this sum, \$105,760,778 was for the operation of the Legislative, Executive and Judicial branches of the Government, \$27,838,570 was for the scientific, educational and developmental work, and \$77,743,450 for the construction of public works. The annual per capita cost to the people of the country was by groups: Group 1, \$1.08; Group 2, \$0.28; Group 3, \$0.79. Total, \$2.15.

For the same period of 10 years the Army and Navy averaged \$263,379,973, and interest and pensions averaged \$187,831,610, all of the latter being on a peace basis; that is, the expenses for the war years were estimated as to what they probably would have been if the war had not come, the pre-war rate of exchange from year to year being assumed to continue. This is valuable for comparative purposes, and shows that even before the war the cost of our Army and Navy was out of all proportions to the other costs of Government. But the war did come, and we must face facts as they now are: The Army asking for a billion a year, or for its own uses alone more than four times the cost of all the civil activities of the Government before the war, and the Navy coming along with equally extravagant demands.

Arthur Capper
Washington, D. C.



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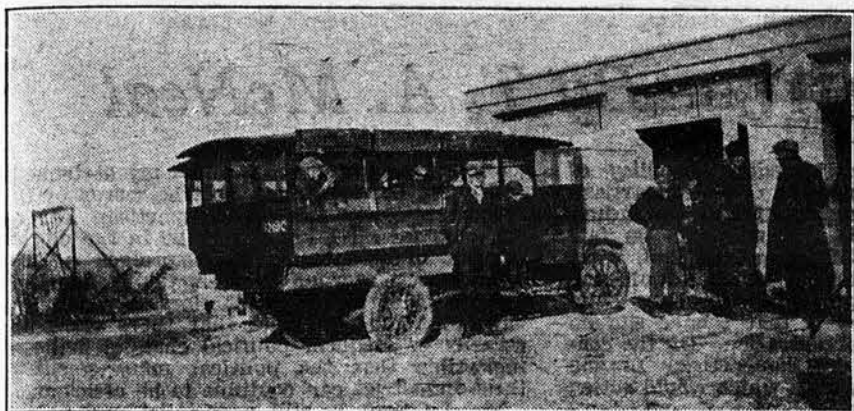
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From Their Homes on the Farms Gray County Boys and Girls are Brought to the Cimarron Consolidated School Every Day in Big Busses.

SINCE May, 1920, the school system of Gray county, Kansas, has been revolutionized. Eighteen one-room, one-teacher school houses are standing empty and un-mourned. Replacing those 18 school houses are four schools, well equipped, fully supplied with teachers, generally efficient and successful.

Eight hundred and twenty-two pupils attend the four schools. Of these 382 children come from farms. Last year, divided into groups of from five to 20, they attended some one-teacher school. Some of these small schools were efficient; others it was impossible to make efficient.

Consolidation became a fact in Gray county between June 14 and July 26. During that time four consolidated schools were organized in community centers at Cimarron, Ingalls, Montezuma and Charleston.

Gray county has the distinction of being the first Kansas county to adopt and put into effect a county system of consolidated schools. There are other very successful consolidated schools in the state, notably at Holcomb, but no other county is so well organized as Gray and the consolidated schools are not functioning so completely.

Consolidated schools have been in operation only about three months but so far as the pupils, both in the grades and in the high schools, the parents and most of the board members are concerned, they have made good in every way. Of course there is opposition to consolidated schools. It would be somewhat surprising if everyone approved of them. But the opposition apparently is not of the destructive kind and there is a rather strong sentiment throughout the county in favor of giving consolidation a fair trial, that there may be no question as to its worth to any community.

And even now a pronounced effort is being made to establish two more consolidated schools at Ensign and Copeland, that Gray county may be thoroughly organized under the consolidated system and all small rural schools abandoned. Sentiment in these two districts is in the making. Considerable opposition is being met. But many leaders in both communities view consolidation with favor because they have seen it working at Cimarron, Montezuma, Ingalls and Charleston.

Good Results in Gray County

Five days in every week 18 motor busses make two round trips out in the country, one in the morning and one in the afternoon. These busses during the day pick up 382 children and haul them to school. The children enter the busses at their door step or at the road as they desire. At the close of school they get in the busses at the school houses and are taken to their homes, some of them riding 15 or 20 miles. Teachers drive the busses so that at all times the children are under careful supervision.

Consolidation is a new thing in Kansas. It is so shiny, and glossy that some persons are afraid to take hold of it. But it really is not a new thing. Out in Colorado it is pretty well established and all the newness has worn off so that now the system is working without the squeaks that were at first apparent. All the joints and bearings have worn down until they work smoothly and quietly.

The Gray county system, only 3 months old, naturally still squeaks a bit in places and it will go a bit jerky until the newness wears off and the bearings become smooth. The system is a little stiff yet and those in charge of it are not so certain what is the proper thing to do as they will be by the end of the year. Besides they are a little bit handicapped be-

unable to act freely to the best advantage of the school.

But Gray county has this advantage. No big bond issue has been floated to finance consolidation. The system is being put over with the means already available. Old buildings are being used and the same teachers employed who were hired to teach the country schools. Expenses have been limited to those things ab-

The Real Jury's Verdict

Bob is a country boy. He rides the school bus to Cimarron every day from his home in the country. Last year he went to a one-room rural school where there were but seven pupils. He didn't like it. He got lonesome and lost interest in his studies and he was glad when school ended.

"Do I like to go to consolidated school?" said Bob the other day. "I certainly do. I have some fellows to play with here and I'm learning faster, too. I've been beating these town boys in my studies and it's fun. The rest of the country boys like it just as much as I do."

There is the verdict of the fellow who gets the most benefit from consolidated schools. He ought to be the one who decides whether the new system should endure. Parents can well leave it to the children to say whether consolidation is a good thing.

solutely necessary for the operation of the consolidated school system, such as busses, garages and pay for the drivers.

Rural school districts are paying more for the education of their children but the boys and girls are getting a better education. It seems apparent that for the dollar the taxpayers spend to support consolidated schools today they come more nearly receiving 100 per cent value than for the dollar they spent last year to support the one-teacher schools.

And why shouldn't they? There are more pupils in every class in the consolidated school and the teacher has more time to give to them. They have companionship and there is rivalry which spurs the children on to greater efforts. The consolidated school is better equipped, and there is more opportunity for play and athletics, both vital to young boys and girls.

School activities are more interesting where there are a hundred or more pupils than they ever can be in the school hav-

Trail Blazing in Gray County

By Ray Yarnell

cause consolidation came without advance preparations, and the hands of the board members and the teachers are tied in some cases so they are

ing from five to 20 pupils. The children like company; they get it at the consolidated school. The school is a community in itself and is large enough to be many sided. It trains the children to play a part in community life. They learn much from brushing up against other children. Those in the grades are taught by those in the high school.

Those are a few of the advantages of a consolidated school. There are many others. The longer a consolidated school functions the more benefits may be derived from it by the children. It is a growing concern and constantly becomes better.

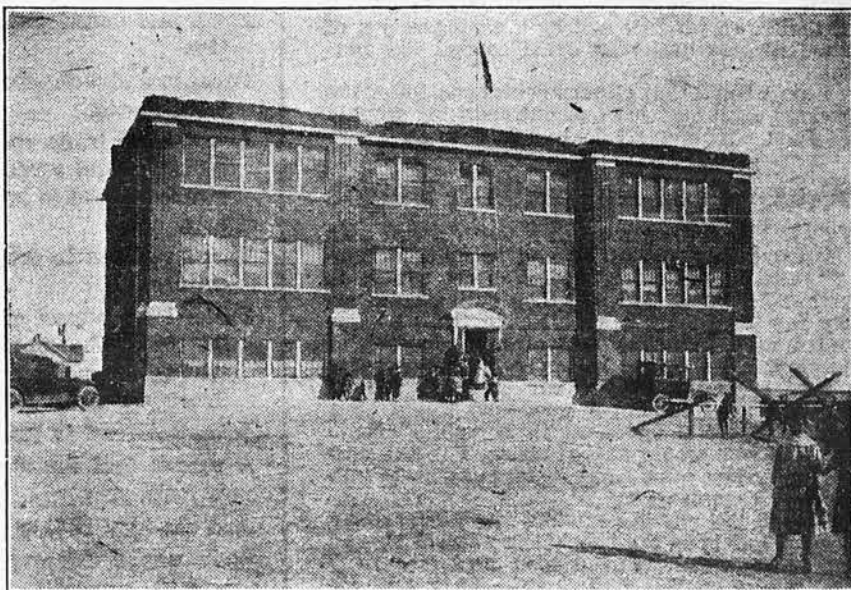
The consolidated school at Cimarron, under the superintendency of W. N. Peck, has 19 teachers and accommodates about 375 children, 150 being from the country. This school replaced six rural schools. Seven large busses, with a capacity of 20 students to a bus haul the children to school. These busses leave the school house between 7 and 7:35 a. m., according to the length of the route to be covered and all complete their trips, under ordinary conditions, by 8:45. School begins at 9 o'clock. When the day's work is completed the children get into the busses and are driven to their homes, the cars later coming back to the school. There they are housed in specially constructed garages. The garage at the Cimarron school cost about \$3,500.

Motor Cars Transport Pupils

The longest route covered by a school bus is 26 miles and the shortest is 17 miles. The busses are driven by teachers who receive 60 cents an hour for the time spent on the road. The busses are expected to make 20 miles an hour between stops so they will average 15 miles an hour over the entire route. It is estimated, from three months' experience, that the average cost of operating a bus is 5 cents a mile. The cost of tire replacement, however, cannot yet be determined because the busses have been in use only a short time. A mechanic is employed to keep the motor cars in good condition and always ready for road service. This mechanic drives one car, which helps to reduce expenses.

Another important consolidated school is located at Ingalls. Four trucks are in use there, the longest route being 33 miles and the average 25 miles. On the two longest routes high school boys drive the busses, keeping them over night at the end of the routes. This reduces mileage and gives the boys a chance to earn some money.

This school employs eight teachers under the direction of (Continued on Page 9.)



The Consolidated School Building at Ingalls, Gray County, Where Country Boys and Girls are Being Given a Real Educational Opportunity.

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Passing Comment—By T. A. McNeal

I AM utterly unable to understand why the President of the United States is willing to release a German spy who undoubtedly caused great damage to the United States during the war and who was the direct or indirect cause of the loss of many American lives, while he refuses to pardon Eugene V. Debs.

I do not suppose that Debs is suffering greatly either in body or mind on account of his imprisonment. I have not heard that he complains about the treatment he receives. The point I make is that to keep him in prison for a purely political offense is inconsistent with the policy always pursued by our Government.

I most sincerely trust, if general amnesty is not accorded to political offenders before he comes into office that President-elect Harding will make that one of the very first of his policies. So far as spreading his political doctrines is concerned, I think Debs can spread them more effectively in prison than if he were out of prison, so that keeping him there will not hinder the spread of socialism, but will rather help it.

Too Much Power

I HAVE not said a great deal about the Packing Trust or the best way to regulate it, because I feel a lack of knowledge concerning the facts. Here, however, is one of the findings of the Federal Trade Commission after what was supposed to be an exhaustive investigation of the packing industry:

"It appears that five great packing concerns of the country, Swift, Morris, Cudahy and Wilson, have attained such a dominant position that they control at will the market in which they buy their supplies, the market in which they sell their products, and hold the fortunes of their competitors in their hands."

Now I submit that this is too great a power to be given into the hands of these concerns, for so long as they are running their business for profit they will certainly manipulate the markets they control to their own interest. How can they be controlled so as to safeguard the interests of the producers and the consumers? The Farmers National Council which met recently at Washington, believe that this can be done by the creation of a National Food Commission with power to supervise and regulate the packers under a compulsory chartering system.

The objection to this plan, of course, is that it provides for the creation of another expensive commission, and Government commissions usually have been a disappointment. Personally I am of the opinion that the ultimate remedy will be found in the creation of co-operative farm corporations which will not only produce the meat on the hoof, but will manufacture it into the finished product, including of course all the by-products now manufactured and controlled by these great packing companies. This would give the producers control of their own product and by a confederation of these corporations they could control the markets.

I am willing that Governmental control of the packers shall be tried out, but speaking frankly I do not have a great deal of faith in it.

Weakness of Nonpartisan League

TWO or three years ago a well dressed man came into the office and introduced himself or was introduced, I forget which, as Arthur La Seur. He was then acting as attorney for the North Dakota Nonpartisan League and was a plausible and strong advocate of its plan. At the time he impressed me as being a man of active, acute and rather superficial mind; a good talker; a man who would be a most dangerous opponent in a public debate and one who would appeal strongly to the men who just then were going in large numbers into the new organization.

One of the charges against the Nonpartisan League has been that socialists control it, and one of the socialists mentioned most frequently was this same attorney, Arthur La Seur. He also was charged with being an I. W. W. but this he denied when talking with me.

Now because I have at different times ad-

vised Kansas farmers to adopt a policy of watchful waiting in regard to the Nonpartisan League I have been accused of trying to injure the organization while pretending to be fair to it. To people in this frame of mind, what I may say about my real sentiment toward the Nonpartisan League probably will make little difference, but the fact is that I have had no prejudice against the organization. On the contrary I hoped that the Nonpartisan League really had discovered a plan which would better conditions for the farmers, and if it could demonstrate that it had a workable plan I had no doubt it would spread to all other agricultural states.

I did say, however, that I believed its plan for the ownership and control of public utilities and other lines of business generally regarded as private, was not workable for the reason that the management was necessarily political and therefore changeable and unstable.

The other day some friend sent me a socialist publication in which there was a long article from Arthur La Seur pointing out and emphasizing the very objection I had urged, the difference being that he is more positive and emphatic in his opinion that the plan will not

work than I ever have been in my statements.

I quote the substance, not the words of this former attorney for the Nonpartisan League. He may, for all I know, still be in the employ of the organization. He expresses a high opinion of Governor Frazier, the Nonpartisan League chief executive of North Dakota, but says that the very fact that there must necessarily be frequent political changes makes it impossible that the political management of these industries can continue to be efficient.

Mr. La Seur is still a socialist and in this same article seems to favor the nationalization of industries, not seeing apparently, that if his reasoning in regard to the Nonpartisan League is sound his plan for the complete nationalization of industries would necessarily fail.

A number of banks have failed recently in North Dakota and the enemies of the Nonpartisan League of course charge the failures to that organization. I do not pretend to know what the facts are, but have a suspicion that powerful outside financial influences contributed to the failure of these banks. I have said and Arthur La Seur confirms my opinion, that there is an inherent and probably fatal weakness in the Nonpartisan League plan, but while that is I think true, it is also true that certain powerful interests have been determined and are still determined to ruin the organization by fair means or foul. I suspect that outside pressure was brought to bear on these banks. So far as Kansas farmers are concerned I have not changed my mind. They should watch and wait.

Abolish the Boards of Trade

I AM IN receipt of the following letter from J. H. Moore, cashier of the Ash Grove bank:

As you are always to be found on the right side of most questions relative to the welfare of the citizens of Kansas I am writing to urge you to give all the support and publicity possible to Arthur Capper's stand in doing away with the boards of trade in this land of ours. We sometimes think we are a free people but the way the powers behind the throne can rob the farmer and stockman and nominate a man for President that will be entirely acceptable to them no matter which party gets in power, is making many persons think they are no longer free.

If all classes of business will support the farmer in this state, it will be easier to get attention. The present price of wheat and livestock will ruin many farmers if they are compelled to put their cattle and hogs on the market. And that is just what will happen, as the banks all over the state are asking them to pay up.

The banks are not doing this because they wish to do so but because they are compelled to do so. Last spring when there was no crop in sight we could have all the money we desired for carrying the farmer but now with the wheat in the bin, we cannot get the money to carry them and as we must keep up our reserve, the only thing we can do is to ask them to sell enough wheat to pay their notes.

If the farmers thought wheat would stay down and the producers and consumers would get the benefit in cheap flour and mill feed they would not feel so bad, but mill feed actually has raised about 30 cents a hundred in the last 20 days and flour is still selling in this town for \$3 a sack, and as soon as the wheat gets out of the farmers' hands you will see it go up by sensational bounds. Is there any justice in that? There is no business on earth that would invest the money it takes to buy and equip a farm and know absolutely nothing about what he will get in return, saying nothing about the farmer's and his family's time.

If this condition continues there will be more bolsheviks in this country than in Russia. It is time the bankers in this country outside of New York wake up and let themselves be heard in defense of the producers of this country before it is too late.

An Amendment That Might Carry

SEVERAL times amendments have been submitted to the voters of Kansas proposing to raise the salaries of the members of the legislature. All of these amendments have been voted down and if another similar amendment is submitted this year in all probability it would be defeated. I will suggest an amendment that in all probability would carry if submitted. It would not make the legislative expenses greater but on the contrary would decrease them. It would make the legislature a vastly more efficient body and give to every member a decent salary during the time he serves.

Amend the constitution by abolishing one

Capper's Platform

Fair and open markets for all farm products, free from manipulation and hold-ups by speculators and middlemen.

Full and complete facilities for Nationwide, co-operative marketing by farmers, thru the Capper-Hersman Bill.

Abolish gambling in wheat, cotton, corn and all farm products.

Adjust speedily and definitely this Nation's great load of war taxes, placing it squarely and immovably on the shoulders of those best able to bear it, allowing no business, great or small, to evade or escape contributing its just and proper share.

Adequate credit for farmers, thru short-time and long-time loans, adapted fairly and practically to the peculiar conditions of the farming business, to afford farmers the same credit accommodations now afforded other lines of business and that they may not be compelled to dump their products on a glutted or demoralized market.

Strict and honest enforcement of prohibition.

Broaden and strengthen the Federal Farm Loan system.

Re-establish trade relations with foreign countries and arrange credits that will enable Europe to buy our surplus products.

Tariff revision to protect American agriculture.

Protection for wool growers and the public from the unfair competition of shoddy goods, thru the Capper-French Truth-in-Fabrics Bill.

Immediate end to price gouging.

A square deal for all; special privileges to none.

Just one kind of law for rich and poor.

Strip waste, extravagance, graft, incompetence and all partisan favoritism from public service.

house of the legislature and make the single house a body of not more than 40 members. Divide the state into 40 legislative districts. Provide for a biennial session of 60 days and pay every member a salary of \$10 a day, and necessary traveling expenses.

At present there are 40 members of the senate and 125 members of the lower house. The pay is \$3 a day for both senators and representatives and 15 cents a mile for every mile necessarily traveled in going from the home of the member to Topeka and returning.

At present the session is limited to 50 days unless the members choose to serve without pay. The per diem of the senators and representatives amounts to \$24,750 a session. At the last regular session there was appropriated for the per diem, mileage, postage, telephone and telegraph expenses of the legislature the sum of \$103,450. This does not include a few hundred dollars expenses paid members who visited the various state institutions during the legislative session. This means that the expense for a member aside from his constitutional per diem was a trifle more than \$492. This covers expenses for mileage, clerk hire, door-keepers and janitors.

Suppose now that we had one legislative body of 40 members and the legislative session was limited to 60 instead of 50 days and the pay of a member was \$10 a day and necessary traveling expenses. Then let us suppose that the miscellaneous expenses were \$500 a member, and there is no reason why they should be greater, the legislative bill would show up this way:

| | |
|---|-----------------|
| Per diem of members for sixty days at \$10 a day..... | \$24,000 |
| Miscellaneous expenses..... | 20,000 |
| Total legislative expenses..... | \$44,000 |
| Total saving effected..... | \$60,000 |

Does any one doubt that this body of 40 legislators would do more work in 50 days not to say 60, than the two houses do now? Under such an arrangement good business men would feel that they could afford to go to the legislature. While \$600 for the session would not leave the member a great margin so long as living costs are what they are now, it would be sufficient so that the member by using reasonable economy could come out a little more than even.

If it is thought that there might be danger of special interests getting control of this single legislative body, it would be well to couple with the amendment the right of referendum. Whenever a petition signed by 5 per cent of the legal voters of the state demanded that any bill be referred to the voters for ratification or rejection it must be so referred before becoming a law. I think it would also be well to provide that when two-fifths of the members of the legislative body voted in favor of submitting a legislative matter to the vote of the people it must be so submitted.

There would be no danger of any very radical measure being adopted by popular vote. All past votes on constitutional amendments show this. Now it is my opinion that such a constitutional amendment if submitted to the people will carry at the polls. On the other hand I am of the opinion that it will be useless expense to submit an amendment simply increasing the pay of the present membership.

Mr. Brown is Indignant

THE following letter came to hand a few days ago, and as I believe it will be enjoyed by readers of The Kansas Farmer and Mail and Breeze, it is reproduced here for the benefit of our subscribers:

I notice you are always trying to make out that you do not belong to any political party, but just as soon as election time draws near you are always boasting for the Republicans. You were for the League of Nations until Capper found out that the Republican party wouldn't stand for it. President Wilson desired to have Congress to set a price on the 1920 wheat crop, but Congress did not do it. I notice in one issue of your paper you say the Farm Land Loan act is a benefit to the rich. Why is it that the big bankers and loan companies are fighting it? I think if there is a hell that you and Senator Capper will be in the hottest part of it, as you have done more to turn the people against our President by false claims and pretenses than any one I know. In a recent issue you blamed Wilson for price of sugar, when the fact is President Wilson urged Congress to buy the Cuban sugar crop. Please print this in full and don't leave out part of it as you did in printing S. T. Perry's letter. J. N. BROWN.
Clark Hill, Kan.

There are three more or less important assertions in Mr. Brown's letter. First, that President Wilson asked Congress to set a price on the 1920 wheat crop; second, that I have said that the Farm Land Loan act is a benefit to the rich, and third, that President Wilson urged Congress to buy the Cuban sugar crop last year.

Some men are deliberate liars. These make statements they know to be untrue for the purpose of deceiving those they talk to. Other men make statements which are equally false but they are not deliberate or intentional liars. Their statements are not mendacious but merely the result of gross ignorance. Mr. Brown belongs to the latter class.

President Wilson did not ask Congress to fix the price of wheat for 1920. I never made the assertion in regard to the Farm Loan law which Mr. Brown says I did. President Wilson did not ask Congress for authority to purchase the Cuban sugar crop last year. He did not have to. If Mr. Brown can produce any record evidence that President Wilson urged Congress to buy the Cuban sugar crop I will gladly publish the same. This also applies to the statement that President Wilson asked Congress to fix the price of wheat for the year 1920.

So far as the Farm Loan act is concerned I have always defended it, not that I consider it a perfect law by any means, but because I do believe it has tended to reduce and stabilize interest rates to the farmers. As to the future state of Senator Capper and myself I trust it will not be as bad as Mr. Brown predicts.

The Corporation Farm

AT THE risk of being called a crank, I wish to insist that present conditions seem to be providing strong arguments in favor of the corporation co-operative farm. In the present readjustment farmers are getting decidedly the worst of it. Why? For the very evident reason that of all industrial classes they are least prepared to take care of themselves. They are at the mercy of middlemen, of manufacturers, of grain gamblers and of the banks. Many of them at present are holding their wheat for better prices.

They say, and truly, that they will lose money by selling at the present price. They can demonstrate that every bushel they raise has cost more than it will bring in the present market. And yet under the present system I am of the opinion that they will only make their situation worse by holding their wheat. This ought not to be so, but I believe it will work out that way.

I believe the solution of the problem lies in organization which will make the men and women who produce the raw food also the manufacturers of that raw product into the finished product. I believe also that these same producers must so change our financial system that they will control their own credit.

I have heard it said that it is impossible to get farmers to act together. If this is true then we may as well quit talking about helping the farmer. Unless he has the ability and willingness to help himself he will not be helped. Unless he can learn wisdom from the experience of those who at present ride on his back he will continue to bend and grunt and sweat under the load.

Storiettes

I HAVE only known one man in my life," said the old timer, "who just naturally seemed to enjoy a fight. He lived down in Southwestern Kansas. He wasn't an ill-natured man but he enjoyed the excitement of conflict.

"One day a slight acquaintance of his was complaining about the treatment he had received at the hands of another man. 'Why don't you whip him?' asked Thompson. 'That is what I would like to do,' replied the aggrieved man, 'but the fact is that I am 60 years old and crippled up some with the rheumatism and this man is 20 years younger than I am and 40 or 50 pounds bigger. The fact is that I know well enough that in a fight I wouldn't stand any show. I can't see that it would do me any good to just get my face beat up and maybe have a lot of other things done to me. Nothing would suit that man any better than to get me into a fight and beat me up.'

"Who is this man?" asked Thompson.
"There he is—over on the other side of the street."

"I suppose you wouldn't object if I would take the matter up for you?" asked Thompson eagerly.

"Why no, I can't say that I would," replied the aggrieved man, "but do you know him?" "Never saw him in my life before this," replied Thompson. "What did you say his name was?" "Peters," he replied.

"Thompson sauntered across the street and coming up to Peters said: 'Is your name Peters?' 'Yes, what can I do for you?' 'Well, there's a little bald-headed old runt over on the other side of the street who says he has had some sort of trouble with you; he didn't tell me what it was, but says he would like to whip you but just naturally knows that it wouldn't be any use for him to try; thinks you would beat up his face and I judge that he has it right; looks to me as if you could trim him with one hand tied behind your back, but I don't really think that man ought to go down to his grave with an unsatisfied longin', so I have come over here to say that not havin' anything else on hand just now I will take his end of it and knock it out with you.'

"Are you a particular friend of his?" asked Peters. "Nope, just a very slight acquaintance; never met him more than two or three times." "Do you know anything about this trouble I had

with him?" "Not a blamed thing; didn't inquire into the merits of it at all; the only interest I have in it is that I don't care to see my feller man pinin' along thru his declinin' years with an unsatisfied longin'." "But I haven't a thing against you; never saw you in my life till just now. What do I care to fight you for?" "You hain't got none the best of me so far as acquaintance is concerned," replied Thompson. "but I'm naturally lonesome enough to whip somebody or get whipped and I'm bound to do a neighborly act for that little old runt, so just shed your coat and jacket and come 'round here behind the livery stable." "Well," said Peters, "if you insist I suppose I will have to accommodate you."

"The few who witnessed the fight declared that it was the most evenly matched scrap they ever had seen, but Peters had some advantage in weight and science. At the end of half an hour Thompson acknowledged that he was whipped and after he had wiped the blood off his face shook hands cordially with Peters, who was also considerably disfigured, and going back to where the aggrieved citizen was standing, said, 'Did my best to satisfy your longin' but I guess you'll just have to pine on till you kin find some friend who is a better man than I am to take up your cause. Say, that feller Peters is a whale of a man.'

"On another occasion Thompson watched a street fight with great interest for a time and finally mixed in. After several strenuous minutes he emerged with one eye badly bunged, his lip cut open and two or three abrasions on his face. He walked over to an acquaintance and asked: 'Say, do you know the names of either of them fellers who was havin' that fight?'"

When We Use Corn for Money

LAST year when corn was \$1.50 a bushel, a farmer could get 5 gallons of gasoline for a bushel of this grain. Today at the farm price, that bushel of corn only buys 1 gallon of gasoline.

Last year 6 bushels of corn would buy a ton of soft coal. Today that ton of coal costs 40 bushels of corn.

Last year 40 bushels of corn would purchase a \$60 suit of clothes. Today it would take 200 bushels to buy that suit. Yet had clothing been reduced in price proportionately with corn, \$60 suits of clothes would now be selling for \$12.

Last year 10 bushels of corn would buy a \$15 pair of shoes. Today it takes 50 bushels. Last year a good pair of shoes could be bought with one cowhide. Today it takes six cowhides to get the shoes. To buy his wife a pair of \$10 shoes, a Kansas farmer recently sold 25 bushels of corn for \$7.50 and a big cowhide for \$2. Then had to pay 50 cents to boot to close the transaction.

Last year 3 1/4 bushels of corn would buy a \$5 hat. Today it will take 16 2/3 bushels.

Last year a bushel of corn would buy 3 pounds of coffee. Today it will buy only a little more than half a pound. Last year 2 1/4 bushels of corn would purchase a 48-pound sack of flour. Today it takes 8 1/2 bushels.

A farmer feeds a hog 7 1/2 bushels of corn to make 100 pounds of pork, but he pays 2 bushels of corn for 1 pound of bacon.

For 5 pounds of wool, enough to make "a genuine all-wool suit," a farmer is now glad to get \$1, but to buy such a suit costs him 500 pounds of wool. And so it goes up and down the line. Whether prices rise or fall the farmer gets the worst of it.

If on a parity with the present price of corn, Mr. Rockefeller would sell gasoline for 6 cents instead of 30; the Coal Trust would sell a ton of coal for \$2.50 instead of \$12.50; the clothier a \$60 suit for \$12; the shoe dealer a \$10 shoe for \$2; the hatter a \$5 hat for \$1; and the packer would sell bacon and buy livestock at pre-war instead of at post-war prices, American agriculture would not today be in need of the credit pulmotor. Corn should be and is worth more, if these things are worth what is asked for them.

What is it going to profit us to keep knocking the farmer down and taking his property away from him? How are we going to be clothed and fed when we finally have knocked him out completely?

I know nothing more worth pondering than this question. Its solution is the key to all our other vital problems and the way it should be solved is plainly before us.

There should be an immediate re-establishment of the War Finance Board, the present credit crisis being more serious and far-reaching than the one which called it into being during the war.

Arthur Capper.
Washington, D. C.



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HILARY ASKEW, AMERICAN

A Story of the Timberlands of Canada

BY VICTOR ROUSSEAU

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MADemoiselle" stammered the girl, "they are planning to kill him."

"Whom?"
"Monsieur Askew, who saved me from Pierre that day. Mademoiselle, I have only now learned what they say—of him and me. It is not true. And they are going to murder him. I came to you to save him."

"Where is he?"
"He is going on board tonight. Perhaps he is there now. Pierre and Leblanc are waiting for him there—"

"Wait here!" cried Madeleine.
She ran back into the chateau, put on her coat and hat, and took a revolver which had lain for many years unused in a drawer of a cabinet. She hurried to the stable, harnessed the horse, and brought the sleigh to the door. She motioned to Marie to enter, leaped in, and took the reins, and the two girls started along the road thru the forest.

It was a difficult journey thru the deep snow. Often the horse floundered knee-deep in the drifts, and the way seemed endless; but near the village the snow was trampled hard, and the sleigh went like the wind. Neither of the girls spoke, but before the eyes of each was the same dreadful picture.

At last they emerged from the forest and crossed the bridge. The hum of the mill had ceased, and had been succeeded by another sound, well known to dwellers along the St. Lawrence shores when winter arrives; the stirring of the ice floes as the impending storm drives them together to their long winter anchorage.

It came out of the east, at first a whisper, as of wind in the pines, then a hissing, grinding sound that spread from cape to cape along the river bank and filled the intervening bays with its reverberations. It was the herald of winter, the clasp of the ice king's manacles upon his captive. And now, as the wind rose, the gulf water heaved up its icy burden, and the colliding floes chased one another thru the open channel, gradually coming to rest along the edge of the extending ice drift.

The sleigh went madly along the wharf, which groaned and creaked as the ice battered it on either side. Madeleine sprang from the sleigh and ran on board the schooner, which was already moving.

As Marie descended to follow her she saw that it was too late. There was an increasing space between the wharf and the deck. She hesitated, and then it was impossible to follow. For a moment she thought she saw Madeleine threading the narrow passage between the piles of lumber; then the darkness closed about her.

The pulleys creaked. The mainsail and foresail swung upward and belled in the wind. The two gafftopsails gleamed like white birds against the night.

Then only the sails remained. They turned and shifted, disappearing and appearing again elusively, until they

blended with the fog and the darkness and vanished finally.

The horse, left uncontrolled, swung round and galloped homeward, trailing the empty sleigh behind him. Marie stood shuddering at the end of the wharf. For a while she stared out in terror toward the invisible schooner lost in the distance.

Presently, with a low cry, she turned and began running homeward. She staggered into the cottage and sank down before the stove, crouching there

A Blow on the Head

When Hilary reached the wharf it was already dark. He had been recognized by no one on the way. He went straight aboard the schooner, and found Dupont on deck.

"When do you start?" he asked.
"Immediately, Monsieur," replied the captain quietly.

The schooner contained a tiny cabin in the fore-castle. Between the and the poop, in the open bottom, were piled the lumber, secured with chains and stacked high above the sides.

"I'm going below," said Hilary, turning away. He did not want to look upon St. Boniface again.

He put his foot upon the top rung of the ladder that led down to the fore-castle. As he did so he felt a stunning blow upon the back of the head. He staggered, slipped, and fell down the ladder into the little open space before the cabin.

Half dazed, he was barely conscious of seeing the grinning faces of Pierre and Leblanc stare into his. His overcoat was torn from his back, his pockets emptied. He waited for the knife thrust, but only kicks followed.

He was lifted and thrown into the cabin. The outlaws had run back to assist Dupont in getting up the sails.

He was not Brousseau's plan to dispatch him within hearing of the shore. He heard the sails being hoisted and felt the schooner moving from the wharf. Then he heard a low cry and saw Madeleine upon her knees before him.

She bent her face to his, whispering that she loved him, pleading for forgiveness, and beseeching him to rise. And Hilary opened his eyes to discover that the vision was reality.

He staggered to his feet and stood swaying in the middle of the cabin while she kept her arms about him. He began to remember. He knew where he was now. Madeleine thrust the revolver into his hand.

"They have planned to murder you," she cried. "I learned of it and brought this. You must not die, Hilary, that we love each other."

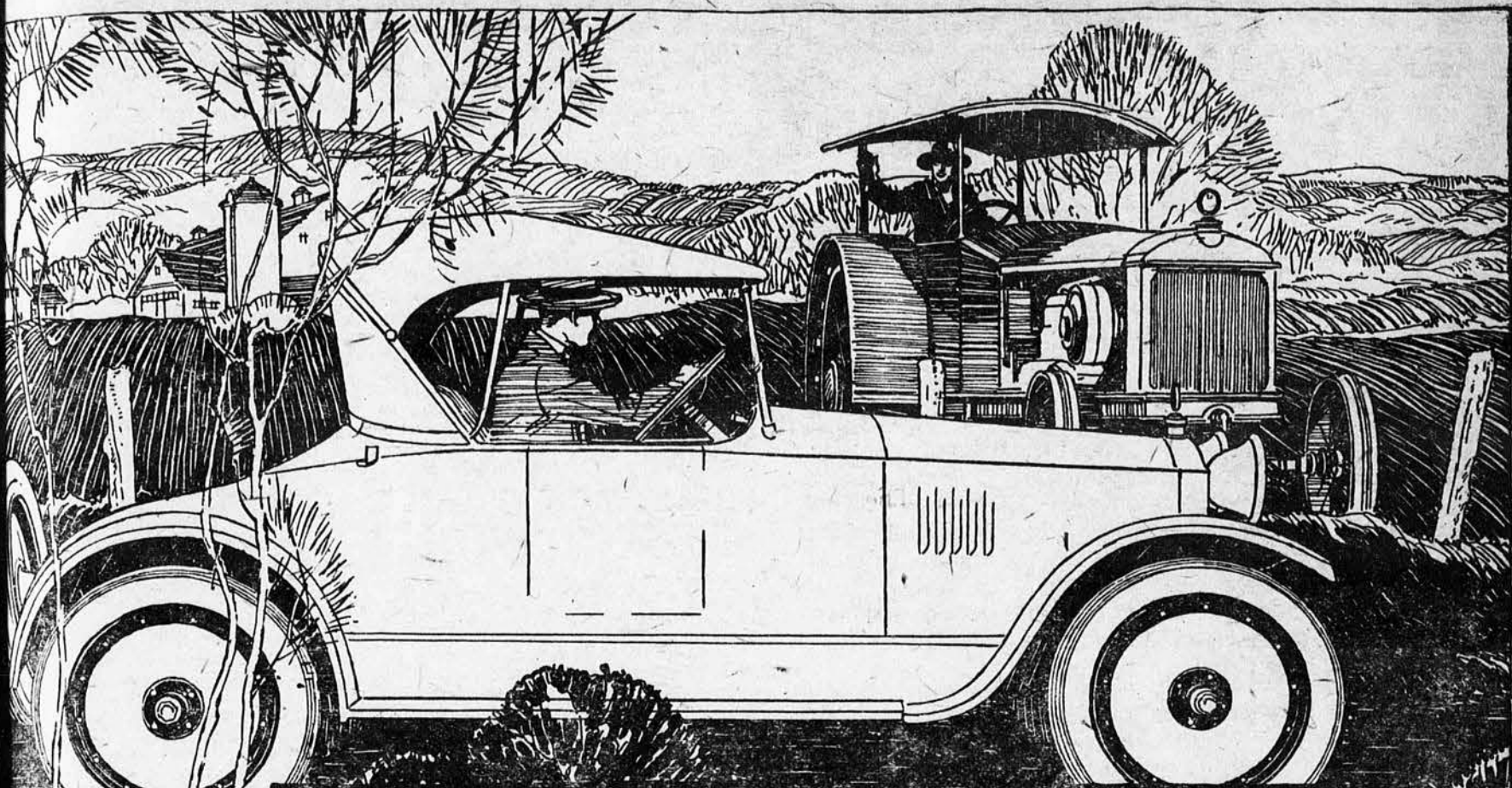
He broke the revolver. It was empty, and the bore so eaten and with rust that to have fired it would have been more dangerous to the shooter than to his object of aim. He saw the horror on the girl's face as she made the discovery.

"I did not think about the ridges," she cried. "I heard you were in danger and I seized it—and came."

(Continued on Page 8.)



Madeline Ran Back Into the Chateau, Put on Her Coat and Hat and Took Revolver Which Had Lain for Years Unused in a Drawer of the Cabinet.



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Crude Oil and the Automobile

IN 1913 (when there were 1,009,000 automobiles in the United States) oil producers drilled about 25,000 wells. The average paid for crude was 95c per barrel.

In 1914 producers had a little discouragement. The price for crude oil fell off to 81c average, and they drilled only 23,000 wells. These wells, however, proved exceptionally prolific and crude prices dropped to an average of 64c a barrel (40c in the Mid-Continent field). As a consequence of the over-production, the bottom dropped out of the gasoline market and low prices prevailed.

The low prices of crude made exploration of new fields unprofitable, and in 1915 only 14,000 wells were drilled. This halt in production enabled demand to creep up on supply, and caused crude to advance until it reached \$1.10 per barrel.

Encouraged by the better prices offered, producers put down 24,000 wells in 1916. The unprecedented demand aroused by the war caused petroleum prices to soar, and, notwithstanding the activities in the producing field, prices have continued to advance because demand exceeded supply.

In August, 1920, the number of new oil wells brought in for that month alone was 3,513—the highest oil production mark in the history of the United States. Yet so great was demand that Mid-Continent crude stood firm at \$3.50, and Pennsylvania crude at \$6.10 per barrel, the present prevailing prices.

The market price for crude is not apt to go off appreciably while demand continues to increase as during 1920.

Since 1913 the number of motor vehicles in the United States has increased to approximately 7,459,607, and the forecast for 1921 is 10 million motor vehicles in the United States.

The Standard Oil Company (Indiana) is straining every fibre and sinew of its highly specialized organization to increase the yield of gasoline from crude petroleum.

How well it is succeeding is indicated by the fact that an eminent authority states that the Burton process, originating in the laboratories of the Standard Oil Company (Indiana), has produced 40 million barrels of gasoline from heavy distillates, and has thus saved approximately 150 million barrels of crude oil that would otherwise have been necessary to produce an equivalent amount of gasoline.

Standard Oil Company
(Indiana)

910 S. Michigan Avenue, Chicago, Ill.

2331

Hilary Askew, American

(Continued from Page 6.)

to you. What shall we do? I am going to die with you."

"We are not going to die," he answered. But he felt a trickle of blood in his eyes. He pulled himself together to face the situation.

Sails Were Raised

He heard the sails being run up, and the creak of the cordage in the wind. Then the schooner, grinding her course thru the drift ice, began to roll and pitch as the force of the gulf current struck her. And thru the portholes Hilary saw the lights of St. Boniface reel into the enwrapping fog and vanish.

With Madeleine's arms about him he thought with desperate concentration. Doubtless the ruffians had gone to assist Dupont in taking the schooner out into midstream, confident that their victim was at their mercy. Once the vessel had passed the dangerous ice and deadly sunken rocks Dupont alone could keep her on her course. And Dupont had planned his death. He remembered the hate on the old man's face; but he could not imagine the cause of it, for he did not connect it with the story about Marie.

They would return, they would discover that the revolver was useless; his life was worth about ten minutes' purchase, and of Madeleine's fate he dared not think. He must fight for her and live for her. He got his shaking limbs under control.

"I'm all right," he whispered. "I've got my plan now. Keep behind me and be ready to help. The door's locked, I suppose?"

A quick attempt to open it showed him that it was. But he had a chance, if he could break down the door, for the sound might pass unheard in the gale, with the crashing of the ice against the sides of the schooner, enabling him to pass into the hold unseen in the darkness.

He hurled himself against the cabin door, fists, shoulders, body, with every muscle set tense. It broke upon its hinges, and Hilary fell, sprawling into the passage between the piles of stacked lumber, which rose to a height of twenty feet on either side of him, running to within a few feet of the cabin and the deck ladder.

He crouched there for a few seconds, hearing Madeleine behind him, and looked upward. The wind was roaring thru the rigging with a noise far louder than that made by the falling door. No one had heard the crash. Above him swung the great mainsail, obscuring the gibbous moon that scurried like a pale ghost among the drifting clouds, haloed in the fog. Hilary could just discern the hazy figures of three men, hard at work to gain the middle channel, and the lantern that hung from the mast above, faintly illuminating them.

He had seen, but had not consciously observed, till the remembrance came to him then, that a pile of lumber, placed in the ship but not yet secured, lay about the center of the open space in front of the cabin. It could not shift with the rolling of the schooner, so as to destroy her equilibrium, on account of the stacks on either side. It consisted of the last load of logs, which had been dropped there from the end of the flume. Hilary raised two in his arms and carried them in front of the broken door.

It was impossible to make his voice heard, for the ship was staggering thru the clashing ice floes with a noise like that of artillery, but Madeleine saw his purpose, and in an instant was at work helping him. They began swiftly building a barricade; and, as Madeleine deposited her logs by the side of Hilary's, Hilary wedged the ends against the chained stacks on either side, so the whole would form an immovable barrier. He toiled furiously, for their scanty time was precious beyond value. Soon Madeleine was behind the barricade, adjusting the logs that Hilary brought, and it stood the height of his waist.

Behind this, armed with a log, Hilary knew that he could ward off the attacks of the three indefinitely. Moreover, one must be on duty constantly, and sometimes two. This practically reversed the situation, could he have his five more precious minutes. All they could do would be

to drive the vessel to sea and starve him and Madeleine. And this was hardly to be thought of, at least as a serious possibility.

It was improbable that either Dupont, Pierre, or Leblanc carried a revolver; but, even if they did, the barricade was bullet-proof. Hilary forgot his aching head, the retching nausea. The barrier was shoulder-high. He clambered behind it and took his station there just as the grinding of the floes ceased, and the schooner caught the clear water.

A ray of moonlight, straggling thru the fog, disclosed old Dupont at the wheel above the poop, and the great mainsail sweeping over it—and two forms that crept along the passage between the lumber piles. They started back in sudden consternation at the sight of the unexpected barricade, and Hilary's club, aimed at Pierre's head, descended upon the outlaw's arm, which dropped limp at his side.

With a yell Pierre started back, but Leblanc leaped forward, knife in hand. So sudden was the attack that it drove within an inch of Hilary's throat. Madeleine screamed, rushed forward, and pulled Hilary back. As Leblanc caught sight of her he uttered an exclamation and followed Pierre back into the darkness of the lumber piles.

Silence followed. That wait was tense and nerve-grIPPING. Hilary tried to get Madeleine to return into the cabin, but she kept her place at his side. Then, to Hilary's utter surprise, he heard Brousseau's voice, and discerned him moving out of the darkness of the lumber.

"Monsieur Askew, I want to speak to you!" he called. "I am coming to you. I can trust you."

Hilary returned no answer, but Brousseau, apparently confident of Hilary's honor, pushed forward and came up to the barricade.

"Ah, Mademoiselle, you have done a foolish thing!" he said quietly to Madeleine. "No harm was meant to Monsieur Askew. I want those papers—that's all. I heard he was coming aboard and adopted this ruse to get them. They are lies, written by a discharged employ, and I can't afford to be lied about. I want to clear my honor in your eyes, Mademoiselle."

But as neither answered him he dropped his pose of blandness and addressed Hilary.

"I've got more at stake than the seignior and the asbestos mine," he cried. "That's only a drop in the bucket. I admit it's been a fair fight between us and you've won. I didn't want the seignior. I wanted the fight. I'm willing to drop it now and give you best. But I want those papers."

"They ain't yours, Monsieur Askew. Morris forged them, but you kept them, and that's why I trapped you here. It was me stopped Dupont from killing you, because of his daughter."

Madeline laughed contemptuously at the lie, and Brousseau snorted like a lashed horse.

"I want those papers," he went on doggedly. "They ain't in your clothes, and they ain't in your bag. Give them to me and we'll cry quits, and I'll put you and Mademoiselle ashore at St. Anne. I can trust you and you can trust me. Are you going to agree?"

"No!" shouted Hilary. He had had the sense that Brousseau meditated some treachery, but he was not prepared for what followed. Madeleine cried to him and pulled him back just as Pierre and Leblanc leaped down from the fore-castle roof, to which they had climbed during Brousseau's fictitious parleying. Each had his knife ready, and they were upon Hilary together.

The Last of Pierre

There was no room for manoeuvring, and Hilary never knew afterwards how he escaped. But he thrust his club into Leblanc's face, and then, as the man stumbled back, brought it down with full force upon Pierre's skull.

All the strength of his arms went into the blow. Pierre never spoke again. He went reeling across the deck like an inanimate thing, struck the bulwark, and, as the schooner lurched, toppled into the sea. He was probably dead before he disappeared beneath the waves.

Leblanc rushed frantically toward the barricade. Hilary was upon him when he saw Brousseau whip out a

(Continued on Page 13.)

Farm Questions Answered

BY G. C. WHEELER

SERVICE in this department is free to our readers. All farm inquiries will be answered promptly by mail. Many replies of general interest are printed. The name and address of the writer should be given but initials only will appear in the paper. Address all inquiries to G. C. Wheeler, Farm Questions Department, Kansas Farmer and Mail and Breeze, Topeka, Kan.

Softening Horse Hide Lap Robe

What can I put on a horse hide lap robe which has a hard spot resulting from putting it over the hot radiator of a car? Kingman County. G. C.

Try soaking this hard, shrunken spot in warm water until it is soft and then it dries work neatsfoot oil into it. Spend much time in stretching and working the robe thoroly as the oil is worked into it. G. C. W.

Need for Changing Ganders

Is it necessary to change ganders in order to maintain the vigor of my geese? Johnson County. M. T. R.

It is not advisable to mate a gander in his own offspring. For best results one gander should not be mated with more than two geese altho some breeders increase the number to four. Geese should not be used for breeding until they are in their second year. Ganders may be used the first season after they are hatched and for several seasons thereafter. G. C. W.

Distinguishing Sex of Guineas

How can the male guinea be distinguished from the female? Franklin County. K. M. D.

The male guinea usually is more prominently developed in the head appendages than the female but the surest way to tell them apart is by the cry. The male always gives a prolonged scream while the cry of the female sounds like the word "buckwheat." If the males and females are equal in number they usually pair off altho a male can successfully be mated with several females. G. C. W.

Removing Fatty Tumor

One of my hens, a good layer, has what appears to be a large lump of fat just under the vent. This lump is about an inch across and has no feathers on it. What can I do about this trouble? F. M.

Howers County, Colo.

This is probably a fatty tumor. These often develop in various parts of the body but usually are harmless. They can be removed surgically and the area of the wound sutured. If the swelling is soft and fluctuating it may contain fluid. In this case it should be opened and the material permitted to fall out. Use a sharp thin knife and disinfect it thoroly before using. F. R. Baudette.

Tanning a Sheep Pelt

Kindly advise me how to tan a sheep pelt; what will keep the moss from forming on a stock water tank in the summer? Brown County. R. C. S.

Soak the pelt in a tub of water for several days, wool side down, weight it to keep it under. Then put it in a tub of hot soap-suds to which a little lye has been added. After the suds-water has cooled take the pelt out and wash it thoroly. The next step is to rub the wool side down to some smooth surface and scrape the flesh side with a dull knife until it is smooth. Then rub it with pumice stone until it is pliable. The moss or algae will not form in the tank if a little vitriol is added to the water. G. C. W.

Chickens Have Roup

Two of my hens have sore eyes and one has a sore comb. The eyes are inflamed, the pus in them and remain closed. They do not eat as well as the rest of the flock. Is something contagious and what can I do for them? L. M.

Howers County.

The symptoms indicate that your chickens have roup. When the eyes become swollen and pus collects beneath the lids it is called ocular roup. When watery growths appear on the comb or around the beak it is called contagious epithelitis. Occasionally canker sores occur in the mouth and throat and it is then called diphtheritic roup. The premises should be cleaned up and the houses whitewashed using

some disinfectant in the whitewash. Any good hog dip may be used in a 5 per cent solution.

Use potassium permanganate in the drinking water and give a physic of Epsom salts. F. R. Baudette.

Treating Chickens for Cholera

I have lost a number of hens. All have the same symptoms. They look droopy, have a yellowish discharge from the bowels and die in a day or two. What can I do to keep the healthy ones from getting sick? Franklin County. F. W. C.

The symptoms suggest cholera altho I would not say positively that this is the trouble without an examination. If you desire an accurate diagnosis send me one or two of the sick fowls at the Kansas State Agricultural college, Manhattan, but do not send them so they will arrive in Manhattan Saturday or Sunday.

The circular "Poultry Diseases" which I am sending you will suggest preventive treatment. Add potassium permanganate to the drinking water, enough to make the water a bright wine color. F. R. Baudette.

Chickens Have Typhoid

I have lost 18 to 24 hens from an apparently healthy flock. The disease resembles limberneck but it has been impossible for them to get any decayed flesh. The flock picked up a large quantity of angle worms following after the plow on some land which had been heavily manured and soon after this the hens began to die. W. H. W.

Pottawatomie County.

From the symptoms I suspect typhoid has appeared in your flock. A positive diagnosis could not be made without a direct examination of a sick fowl. Limberneck is only a symptom and may occur in a number of diseases. When a large number of deaths occur without the fowls showing any previous symptoms, we usually suspect typhoid. Birds badly infested with intestinal worms sometimes show symptoms of limberneck. Chemical poisoning also may cause the condition you describe.

I am sending you a circular on "Poultry Diseases" and suggest that you follow the treatment outlined under "cholera." Add potassium permanganate to the drinking water, enough crystals to give the water a deep wine red color. Also give them a physic of Epsom salts. The premises should be cleaned thoroly and sanitary measures practiced. F. R. Baudette.

Getting Rid of Rats

Can you tell me anything about the use of ferrets in getting rid of rats? We have just purchased a farm and find it overrun with rats. Wilson County. R. O. J.

Ferrets have been used quite extensively in fighting rats but in my observation they never have given complete satisfaction. In many instances ferrets have gotten away and attacked chickens and other poultry. It also requires some time to train them.

The most practicable way to control rats is either to poison or trap them. I would not recommend poisoning rats around the dwelling but in buildings where the odor of dead rats is not objectionable this is a very successful method of getting rid of them. A poison which has been very effective in the experience at the Kansas Experiment station is prepared by mixing 1 part by measure of white arsenic, 8 parts by measure of cornmeal and 8 parts of sugar. Place level teaspoonfuls of this mixture in the runways where the rats travel and in their holes. This bait has given excellent success where the rats do not have access to a grain diet, or where feed is not plentiful. In buildings where the rats have access to grain a good bait is made by spreading a piece of bread with a thin layer of barium carbonate and over this a thin layer of butter. Cut the slices of bread into pieces about an inch square and distribute them in the runs and places frequented by the rats.

We have tried almost every trap on the market at the Kansas State Agricultural college and have found a trap of the type in which the rat is killed by a stroke of a wire forced down by a coiled spring to be the most successful. Frederick L. Hisaw.

Trail Blazing in Gray County

(Continued from Page 3.)

R. R. Taylor, superintendent. This has been a rural high school since 1918. The busses bring in from 95 to 100 pupils every day, a number of them attending high school. This consolidation replaced three rural districts.

The smallest consolidated school in Gray county is at Charleston, but it is just as lively and successful as the others. It replaced three one-room school houses. Only one bus is operated, covering a district measuring 24 square miles.

At Montezuma 200 pupils are enrolled in the consolidated school, 100 coming from farms. Nine teachers are employed and four busses are operated. The longest route is 13½ miles. This school is in charge of James Bursch, superintendent.

Real Pioneer Work

Gray county is out on the edge of things in Kansas. It is about as near the last frontier as any county. Its folks have a bit of the pioneer spirit left and that probably is one of the reasons why they have adopted the consolidated school system there and blazed the way for other counties to follow.

As a teacher in a rural school Miss Earne Hildebrand was dissatisfied with the system that denied country boys and girls a well rounded education. She knew they were not getting it in the average rural school where one teacher was employed. It was an impossibility. She heard of the consolidated school idea and read much about it. Then she visited some consolidated schools in Colorado.

Last May Miss Hildebrand began an agitation in Gray county in favor of consolidation of the schools. She secured the assistance of M. L. Smith, department of school consolidation of the Kansas State Normal School of Emporia. The two put on a strenuous campaign in Gray county. In one day they drove 130 miles, and held four meetings. The result was that before the middle of July four consolidated schools were established and steps had been taken to put them in operation early in September.

Gray county has set a fine example for the rest of Kansas. Its rural children are getting the educational opportunity they have a right to demand.

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KANSAS State Farm Bureau has called a meeting of the wool growers of Kansas for December 21 at Manhattan for the purpose of forming a state wool growers' association. This meeting is being called at the request of a committee composed of Seth Fanton, of Vinland; C. H. Stewart, of McCune, and H. J. Winslow, of Dalton. This committee was the one selected last spring by the wool growers of the state to decide what should be done with the Kansas wool clip of 1920 and to make plans for the marketing of the wool clip of subsequent years. The committee met and asked the Kansas State Farm Bureau to take charge of the 1920 wool clip and to take steps for the formation of a wool growers' association to handle the clip in the future.

To Test Fulghum Oats

The Kansas Crop Improvement association is distributing 600 bushels of Kansas Fulghum oats among the Farm Bureau counties of the state to be tested out during the coming year. Fifteen bushels are being allotted to a county to be tested out in accordance with requirements made by the association. This variety in the tests conducted the past year out-yielded other varieties in practically every case. The farmers who test this seed are required by the association to keep the seed pure and to distribute all that is raised for seed the following year.

Labette Has a Milk Campaign

Miss Rena A. Faubion, milk utilization specialist of Kansas State Agricultural college, with the assistance of the county superintendent, made a health survey in the schools of Labette county recently. In the survey, 543 school children were weighed. It was found that 122 of these were more than 10 per cent under weight. These pupils were from nine different schools. In one school 51 of 161 pupils were more than 10 per cent under weight. In another nine in 33 were 10 per cent or more under weight.

Doniphan Farmers Kill Out Gophers

The Doniphan County Farm Bureau is making a drive on gophers. F. H. Dillenback, county agent, is urging all farmers to put out poison at any time during the winter when the ground is not frozen. Mr. Dillenback says now is the best time to poison the gophers as they do not eat poison bait readily during the summer.

Farm Clubs in Pratt County

One of the projects of the Pratt County Farm Bureau the next few months will be the organization of boys' and girls' clubs. V. S. Crippen, county agent, has arranged to have a representative from the office of the state club leader in the county early in December to hold a series of conferences with the view of organizing a number of boys' and girls' clubs to begin their work in 1921.

Farmers' Short Course

The date for the farmers' short course at Kansas State Agricultural college has been set as January 10 to March 5, according to Dean F. D. Farrell, who is sending out announcements of the course. Seventeen different subjects will be offered to persons taking the course this year, according to Dean Farrell. The student may elect whatever courses he may choose. As a rule three to five courses are taken by a student. Among the courses offered are: livestock production, livestock sanitation, dairying, soil management, grain crops, forage crops, horticulture, farm management, beekeeping, poultry husbandry, incubation and brooding, farm insects, injurious rodents, field machinery and blacksmithing. Last year there were 125 men enrolled in the short course. Of these 20 per cent owned their own farms, 50 per cent worked for their parents, 18 per cent registered as tenants, 6 per cent as farm managers, and 6 per cent as hired farm laborers.

Bourbon County Has Dairy Visitors

Thirty-four Allen county farmers interested in dairying recently made a tour of Bourbon county to visit dairy farms there and inspect the milk condensery at Fort Scott. On the way to Fort Scott, they visited dairy farms to inspect modern equipment. They

State Farm Bureau Items

CONTRIBUTED BY COUNTY AGENTS

took dinner at Fort Scott and later went thru the condensery and made a study of the methods of handling and marketing raw milk. In addition to visiting dairies around Fort Scott they visited some of the best farms in the vicinity of Fulton.

To Ship Wool to Chicago

The wool growers of Wilson county met November 12 and decided by unanimous vote to ship their wool to the co-operative warehouse in Chicago where the other Kansas wool is stored. Arrangements are being made to ship the clip from Montgomery county at the same time. This warehouse is operated by the wool producers of Indiana, Illinois and Iowa. They do not deal in wool but simply handle it for their growers. Wilson county will ship about 10,000 pounds. Montgomery county has about the same amount.

Purebred Holsteins for Lyon County

The Lyon County Holstein-Friesian association will buy two or more purebred bulls in the near future, according to one of its directors. The association formerly owned a \$10,000 bull which died about a month ago. An autopsy showed that the bull had died from the effects of swallowing nails and wire. He was insured for \$6,500. The insurance money will be used for the purchase of other bulls and to pay off the debts of the association.

Used Hogs for Silage Packers

How much is a hog's time worth? This is a question asked by O. T. Bonnett, Marshall county agent, who proceeds to answer it as follows: "It all depends upon how you figure it. George Schulte and two of his neighbors living near Beattie, Kan., found that a hog's time is worth considerable when used in tramping silage. When these farmers were ready to fill their silos this fall they found that the

laborers were few and high in price. They solved the problem by putting 11 or 12 range hogs weighing around 150 pounds in the silo to help tramp. One man stayed in the silo to handle the distributor pipe, level the silage and keep the hogs moving. The hogs got wise to the procedure and as soon as the cutter stopped they would lie down and rest. The only wages the hogs required was the corn they ate while tramping. When the silo was full a rope was tied around the hogs and they were lowered to the ground. Mr. Schulte found this method of tramping silage very satisfactory. He saved the wages of two extra men and found that the silage settled only half as much as it had the year before when three men worked in the silo."

Experiment Stations Need More Funds

Experiment stations throughout the country must have better financial support if they are to continue to do their best work, according to Dean F. D. Farrell, director of the Kansas Experiment station. Dean Farrell recently attended a meeting of the Land Grant College association held at Springfield, Mass. At this meeting it was shown that the experiment stations of the 48 states are now receiving practically the same amount of state and Federal funds as they received before the war, a sum although large yet entirely inadequate. The great reduction of the purchasing power of the dollar in the last six years has made it necessary for the experiment stations seriously to curtail their work. Both the quantity and quality of experiment station work has suffered thruout the United States, Dean Farrell says.

New Job for Swanson

A. F. Swanson, of Fort Hays Experiment station, has been assigned to the Office of Farm Management of the United States Department of Agriculture.

Boys Judge Livestock

BY JOHN W. WILKINSON

EVERY community should put forth every effort possible to interest young folks in the livestock industry. Bankers, editors, merchants, schools, and county fairs, can do a great deal to arouse a greater interest in this work by encouraging the organization of pig clubs, poultry clubs, lamb clubs and calf clubs thru the offering of suitable prizes and rewards. Farmers of Lyon county believe that a county fair is an educational institution, and that the boys and girls should not be left out when anything of an educational nature is being shown. At the Lyon county fair held not long ago school children made up a large number of the exhibitors. About 53 country schools participated. Livestock judging contests also were held and all boys in the county were declared eligible to enter. The accompanying picture shows a class of boys scoring a Hereford. Gaylord Hancock, county agent in Lyon county, says the boys and girls showed a greater interest in the fair, and got more from it than did the older persons who were in attendance.



These Boys Helped to Judge Cattle in the Hereford Class at the Lyon County Fair and Showed Rare Ability in the Awards That They Placed.

ture to help in obtaining survey records from farmers relating to the cost of producing winter wheat. He is connected with the station and recently made a trip back to Hays to look after his experimental work there. Mr. Swanson has been doing work in connection with the survey in McPherson county and will later help with the survey to be made in Pawnee county. Survey work will be done later in Oklahoma. Districts in Missouri and Kansas already have been surveyed.

Many Join State Farm Bureau

The Farm Bureaus in Kansas are responding very favorably to the increased membership fees recently established. At a recent meeting in Manhattan, that was attended by representatives of practically every Farm Bureau in the state, it was voted to raise the dues to the state and National organizations to \$5 a year. Of this amount 50 cents will go to the American Farm Bureau Federation and the remaining \$4.50 to finance the membership campaigns and carry on the work of Kansas State Farm Bureau. In addition it was recommended that at least \$5 be raised for work within the county, making a fee of \$10 to be paid by every member joining the State Farm Bureau. Thus far the executive boards in 36 counties have met and voted to recommend \$5 for county dues and \$5 for state and National dues. In 12 counties membership meetings have been held and the members have voted practically unanimously to go on the \$10 basis. Not a single executive board has turned down the \$10 fee and thus far no membership has failed to adopt it.

Community Fair at Langdon

A community fair held recently at Langdon, in Reno county, is said to have been one of the best held in that section of the state. A large agricultural display was arranged in a local garage. This contained practically every variety of farm products. In addition in other buildings there were exhibits of needlework, canned fruit and home baking. The livestock display included Poland China and Duro Jersey hogs, Jersey and Holstein cattle and a good showing of draft horses and mules. The poultry display included purebred chickens, ducks and turkeys. Another feature was a baby show held in one of the rooms of the high school building. A community dinner was held in one of the churches at noon. In the afternoon a program was put on at the high school auditorium. At this program, Sam J. Smith, Reno county agent, talked of crop rotation and soil building and Mrs. Roy Railsback talked on home economics and home management. E. J. Macy, Sedgwick county agent, judged the exhibits.

Aggie College Herd Wins Prizes

The beef herd of Kansas State Agricultural college beat all of its former records at the American Royal Livestock Show held at Kansas City recently. The herd won two firsts in the individual classes, first for steer here and one individual championship in the Herefords and one individual first in the Angus breed. Dr. C. W. McCampbell gives much of the credit for the success of the herd to A. D. Weber, a student who took charge of the herd last fall and supervised the work of fitting the animals. He took charge of the herd when it was not in the best of order, arranged his own feed rations and put the animals in condition to compete with animals handled by experts who have been at the business of fitting cattle for years.

To Make Cattle Feeding Pay

According to Sam J. Smith, Reno county agent, G. D. Railsback, of Langdon, has 200 head of cattle on feed. Mr. Railsback is a believer in the use of silage, according to Mr. Smith, and will not feed cattle without it. It uses cane for silage and this year obtained a yield of 10 tons an acre. A part of the profits of this kind of a system are not from the cattle themselves, according to Mr. Railsback, who says he uses this system for building up his soil. Mr. Smith says that Mr. Railsback had several hundred acres of wheat which yielded 22 bushels an acre this year. This was one of the best yields for so large an acreage in that section of the country.

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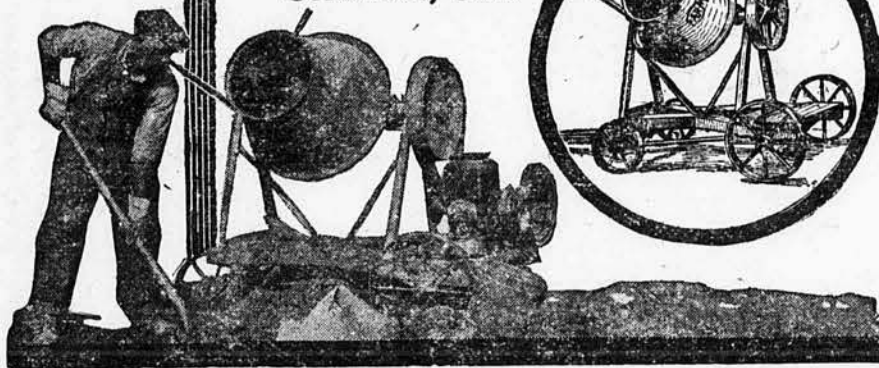
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Jayhawker's Farm Notes

By Harley Hatch

SELDOM do we work on Thanksgiving day, but this year it was such an ideal day to husk corn that we kept right on with that work, thinking that we could be more thankful after the corn was all out of the field. At this writing we have two days' husking yet to do and then nothing will be left in the field but the shock corn. The yield along toward the last was not quite so good as at first, but none made less than 40 bushels to the acre, while enough made 60 bushels to make the average for every acre we planted last spring a little more than 50 bushels to the acre. We are much better pleased with the yield than with the price, for last week only 35 cents was being offered in Burlington for good corn. A car of wheat was being loaded at Gridley at the same time and the price paid was \$1.25 a bushel. This is getting down to pre-war prices with a vengeance.

Livestock Prices Slump

In addition to grain prices livestock values are going lower every day. Last week an even \$1 a hundred was taken off hogs and I am told that good grade stock cattle can be bought for 5 cents a pound. Virtually everything the farmer has to sell, except dairy and poultry products, the price has gone to a pre-war basis and in the case of corn much lower. For several years before the war the price of corn here did not start at less than 50 cents a bushel. We hear that other prices have fallen, but when we go to the store we find that our money goes but little further than it did last spring. Farm labor is still asking war prices and in most cases refuse to work for less. This is a plain, truthful, statement of things as they affect the farmer today.

The Wolf in the Flock

The farmer, like every other class, did too much "hollering" when there was nothing to "holler" about. Now that conditions are really serious our loud complaints receive but little attention. It is the old case of the boy who cried "wolf" over again. You will all remember this fable of boyhood days. A boy, set to watch the flocks lest wolves carry away the lambs, amused himself for a few times by crying "wolf" when there was no wolf, just because he liked to see the shepherds turn out. When the wolf really came, his cries brought no help, because he had so often called when there was no cause. For this reason, we think that persons who live away from the farm do not realize the situation in which this tremendous fall in prices for farm products leaves most of the farmers.

The City Man's Idea

Now what we wish to bring before my city readers is present farm conditions as they now affect farmers and as they are certain to affect city residents if they continue any length of time. Already we hear many farmers say that they will not buy another thing they can possibly do without and they are in real earnest, too, for they cannot buy if they would. This will mean a great cutting down in farm production, for on the farm we have produced a great deal in the last two years with high-priced efficient machinery used in place of high-priced labor. This machinery will no longer be bought;

neither will the high-priced labor be used, for the simple reason that no farmer can afford to expend \$5 to produce goods valued at \$3. The greatly lessened demand for manufactured products, coupled with lessened farm production, shortly will affect city residents as adversely as farmers are being affected now. Let us hope that everything will take a turn for the better by the beginning of the new year.

Hard Blow for Farmers

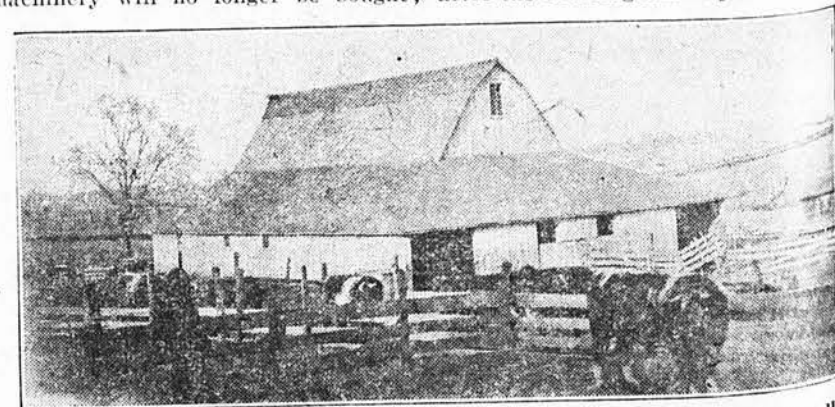
Despite the fact that most city dwellers think the farmer at least well-to-do, if not actually rich, many farmers in the West are in debt. We cannot state the actual proportion who are out of debt, but it is very much smaller than even most farmers realize. And it is these men in debt who are so badly hit by the tremendous fall in the price of what they have produced. It must be remembered that all this production was achieved at a very high cost. Wages were the highest ever known and farm machinery and all farm supplies cost at least double what they did in pre-war times. You probably will agree that we have not, in the last two years, done very much exclaiming about the wrongs of the farmer, for we thought that, despite minor wrongs, the farmer was doing very well, indeed. So you cannot accuse us of former cries of "wolf" when there was no wolf.

Farm Reading Matter for Winter

After reading the foregoing you will, no doubt, have had plenty of Jeremiah business and will be ready for a turn of the subject. We are going to have very shortly plenty of time to sit in the house and either consider what we think are our wrongs or else sit down to a good book and forget that there is such a thing as below-cost-of-production in the world. More than any other class, it seems to us the farmer should be a reader. It is his best and most certain method of recreation and it makes a much better man of him at the same time, if he gets hold of the right line of reading. And his recreation along this line need not be costly: in fact, it need not cost him as much as a month as it costs many for their "eating" tobacco. Reading for the whole family may be procured from the library in town, and that town in no case is farther away than the nearest county seat. And for the neighborhood there is the state traveling libraries, which will make you a six months' visit for the costs of transportation.

State Traveling Libraries

Every unit of the state traveling library is a trunk containing 50 volumes of assorted literature and every neighborhood may have one trunk loaned to keep and read for six months by writing to State Traveling Libraries Commission, Topeka, Kan., enclosing \$2 to cover transportation charges both ways and stating just what class of literature you most prefer. The largest proportion of the books will be fiction, but to a large extent you may make your own selection by telling the librarian just what you most prefer, whether fiction, history, biography or travel. This neighborhood has just received the trunk of these books, this being the third year since we began to order them. The trunk is kept at the school house in care of the Grange who looks after the ordering and expenses.



Good Livestock and Comfortable Barns are Badges of Honor on Any Well Planned Farm and Will Prove a Winning Combination Anywhere.

Hilary Askew, American

(Continued from Page 8.)

revolver and take deliberate aim at him. He felt the bullet clip his cheek. Twice more Brousseau fired. At the second shot, Hilary stumbled and fell flat in the cabin entrance. At the third, Leblanc, shot thru the brain, whirled round twice and collapsed in front of the barrier.

Madeleine dragged Hilary within the cabin. Blood was gushing from a wound in his breast. Frantically she began to tear away the upper part of his clothing and to endeavor to staunch the wound. Suddenly she perceived the little rusted revolver upon the floor. She snatched it up and ran out, to see Brousseau in the act of crossing the barricade. She pushed it into his face.

Brousseau cursed and dropped on the far side; Madeleine heard him running into the darkness. She had bought a temporary respite. She ran back to Hilary. But it was almost dark in the cabin, and there was hardly anything she could do. He was conscious, but he seemed bleeding to death, and she could only try to staunch the blood that never stopped flowing.

Suddenly there came a terrific lurch of the vessel, which began to spin crazily in the troughs of the sea. And above the roaring of the wind came the wild cries of Dupont, and the expostulations of Brousseau. The Captain's reason had deserted him; he had abandoned the wheel to fight out his quarrel with Hilary. The schooner, uncontrolled, ran sidewise before the wind, and Brousseau, willing as he was to let Dupont go on his errand of murder, was unable to steer her. He had handled ships before, but the swift cross-currents at the juncture of river and gulf made the task impossible for one who did not know intimately that uncharted track, far from the main channel, now impassable with ice. The schooner was rolling heavily, huge seas were sweeping overboard, and she turned successively half round the compass; the wind, catching her swinging sails, began to whirl her round and round; and steadily she drifted toward the pack ice along the shore of the island.

Madeleine, working over Hilary faintly in the cabin, saw Dupont and Brousseau struggling on the poop deck. Dupont was trying to force his way between the lumber piles, while Brousseau urged him back to the wheel. Her mind worked rapidly. Was there any way of controlling the situation? She could see none. The moon had risen high, and the mists were clearing away. Not far distant was the bearing point of the island, and the open gulf lay beyond. Toward the reef the ship was hurrying with fearful speed.

Above the howling of the wind came the voice of the demented Captain, shouting some wild sea chant. It was terrifying, this combat of human wills and the elemental forces of sea and wind. But before the situation changed the ship plunged into the ice with a crash that stopped her dead and sent her reeling over.

She ground her passage into it, striking the floes, staggering, rearing, her torn sails, ripped into streamers, sounding in the wind like sirens. Then, gripped fast, she came to her rest.

Madeleine saw the ice fast on every side. The narrow passage behind, filled with black, foam-flecked water, was closing in. She did not hesitate, but caught at Hilary and urged him to his feet. He managed to rise, with her support, and staggered at her side toward the bulwarks.

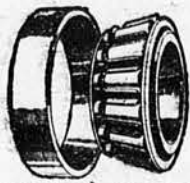
She stooped, picked the fur coat from the shoulders of the dead outlaw, and placed it about him. She pointed toward the ice field. Brousseau was still struggling with Dupont near the wheel, and Dupont was thrashing his arms and howling his wild paean. With the last exercise of his strength Hilary managed to drop to the ice.

He lay there. Madeleine crouched over him under the bow of the vessel, and her last hope went out.

(TO BE CONTINUED)

The high, or friable condition, of the soil is improved by the presence of lime. Lime, especially in the caustic form, flocculates the soil and thereby brings about a more granular and porous condition.

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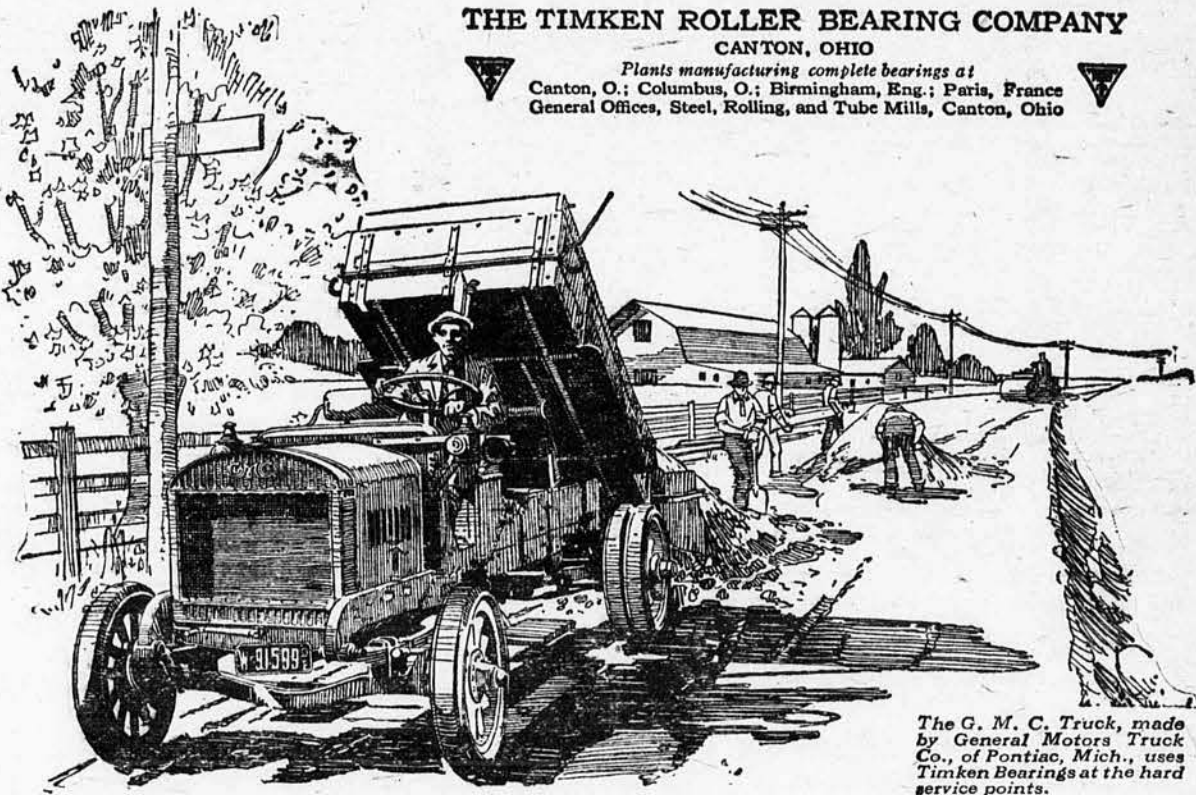
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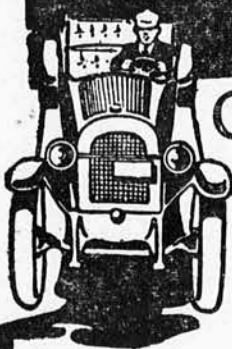
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Capper Pig Club News

BY EARLE H. WHITMAN
Club Manager

Does every club member realize this is the last story to be written before the closing of this year's contest? Doesn't seem possible, does it? Is there going to be a boy in the Capper Pig club who hasn't enough pep to fill out his annual report and write a story? No boy can afford to fall down on this last part of the contest work. Not only will he prove himself a "quitter," but he may be missing a prize. The winner of \$20 in cash and a \$50 prize pig in 1919 came very near not sending in a report—because he didn't think he had a chance to win.

And how about the dads? Are they going to set the right kind of example to their boys? D. F. Gillispie of Coffey county is, for one. "I have enjoyed the year's work immensely," he writes. "Be sure to give me a chance to finish my club work and write my story, as I think I have a chance to win a prize."

More Prize Pigs

In the announcement of the club for 1921, in the Kansas Farmer and Mail and Breeze for December 4, the names of J. Rahe & Sons of Waterville and Searle & Searle of Tecumseh were given as having offered a Poland gilt and a Duroc boar, respectively, for next year's contest. Now I have the pleasure of announcing that Stantz Brothers of Hope, Kan., have offered a Duroc gilt to be valued at \$50, and a Poland second prize—a pig to be valued at \$25—will be given by Ralph L. Ely, Mullinville, Kan. J. W. Dimitt, Lyons, Kan., R. 2, is ready to give a \$50 Spotted Poland China boar to the boy lucky enough to make a winning record with an entry of that breed. Just a day or two after we had received the second Duroc prize offer, James T. Dubois of Agra, Kan., wrote to offer a similar prize. It's exceedingly difficult to turn down a fine pig from Mr. Dubois's herd, but only two pigs will be accepted for each breed. Club folks all over the state appreciate the generosity of Kansas breeders.

Western Kansas Buying 'Em

With many club members selling breeding stock at prices which they feel are lower than they should be, it was a welcome surprise recently to receive news from George Zielke of Cheyenne county telling of the sale of one boar for \$60 and two others for \$50 apiece.

Is His Dad's Secretary

Out in Finney county Henry Jones and his dad lined up for work in the father and son department last spring. It was impossible, tho, for Mr. Jones to keep up all the work, so Henry's younger brother, Melvin, did it for him. All the year I've been much pleased to get regular reports from Mr. Jones, signed "Melvin Jones, Secretary." We'll count on your being a future club member, Melvin.

Get Into the Game

"I believe hogs will be much more profitable at \$8 or \$9 a hundred, fed on 40-cent corn, than at \$14 with \$1.50 corn," says Floyd Herman of Harper county, veteran of three years' club work. I, too, am convinced that boys who buy good sows now, while the

market is at a low level, and are able to get feed at the much lower prices will be making an absolutely safe investment—much safer than buying high-priced breeding stock, feeding high-priced feed, and facing a probable drop in the market. Get into the game fellows. There are prizes worth \$50 offered by Arthur Capper, and already \$200 worth of prize hogs have been offered by Kansas breeders. Clip and fill out the application blank. Send it to the club manager and you'll get full instructions for lining up. Don't wait and let some other boy get ahead of you. Do it now.

Our Cover Page This Week

The first woman regularly employed as an extension worker in Kansas was Frances L. Brown, now state home demonstration leader. Kansas women owe a great deal to this tireless worker who was a pioneer in encouraging systematic study of home problems.

During 1909 and 1910, thru Miss Brown's efforts, the women's auxiliary was added to the farmers' institute and the first movable schools in cooking and sewing were conducted. These schools were the forerunners of the present system of extension schools.

When Miss Brown entered the work there were not more than a half dozen schools in the state that had a regular department of home economics. Her work with the high schools, extension schools and home economics clubs was the means of interesting people in placing home economics in the course of study in their high schools.

The first home economics clubs in the state were conducted by correspondence and over 5,000 girls had taste of home economics who would otherwise have had it. This opened the way for the regular department of boys' and girls' work. Miss Brown organized the department of home economics in the division of extension and has watched it grow from a faculty of 1 to 8 trained women. The success of the home demonstration work is well known, especially in those counties that employ home demonstration agents.

Miss Brown has kept in touch with the home economics teachers in the state, she was a member of the committee that compiled the "Syllabus of Home Economics" now in use in high schools and she has been chairman of the State Home Economics association.

Our Best Three Offers

One old subscriber and one new subscriber, if sent together, can get The Kansas Farmer and Mail and Breeze one year for \$1.50. A club of three yearly subscriptions, if sent together, all for \$2; or one three-year subscription, \$2.

Christmas Book That's Different

Henry Field, who has a large family of boys and girls, wrote this about "General Jimmie Rabbit," the book for children written by John Case, father of the Capper pig club: "Say, I looked over the first story and I got so interested that I never stopped till I'd read the book thru." If you want stories for your boy or girl filled with pep and action, send 25 cents, stamps or silver to John F. Case, Capper Building, Topeka, Kan., and say, "I want the Jimmie Rabbit book."

Capper Pig and Poultry Clubs

Capper Building, Topeka, Kansas

Earle H. Whitman, Pig Club Manager. Mrs. Lucile A. Ellis, Poultry Club Manager.

I hereby make application for selection as one of the representatives of

.....county in the Capper

.....Club.

(Write pig or poultry club)

I will try to get the required recommendations, and if chosen as a representative of my county I will carefully follow all instructions concerning the club work and will comply with the contest rules. I promise to read articles concerning club work in the Kansas Farmer and Mail and Breeze, and will make every effort to acquire information about care and feeding of my contest entry.

Signed..... Age.....

Approved..... Parent or Guardian

Postoffice..... R. F. D..... Date.....
Age Limit: Boys—12 to 18; Girls, 10 to 18.

Capper Poultry Club News

BY MRS. LUCILE ELLIS
Manager

IF SOMEONE were to ask you what your favorite amusement is, I hope you'd make the same answer as Beth Beckey and her team mates of Leavenworth county. A discussion on this subject was held at high school and when asked to name their favorite amusement, these girls said, "The Capper Poultry club work." Does the club work hold such an important place in your life? I hope so, and that you'll tell other folks about it so that our membership in 1921 will be double that of this year.

I knew that the poultry breeders of Kansas would be just as generous about offering prizes for the club next year as they have been in the past.



Republic County Girls.

Early as it is, five offers from breeders already have been received. "If you are not too late, I should like to offer a pair egg-bred cockerel with pedigree record to a club girl who is worthy, and necessarily the one making the record," wrote Mrs. J. H. Wood of Leavenworth, Kan. "I am interested in a girl who does her best but fails through no fault of her own. I shall select this cockerel from my Hillside strain of Single Comb Buff Leghorns. As far as we know I have been a breeder of these Golden Buff beauties longer than any other breeder in Kansas, having gotten my start from a setting of eggs bought in the spring of 1899."

Mrs. Fred Johnson of Greeley, Kan., has offered a Single Comb Brown Horn cockerel as a prize for 1921, saying that this bird will be chosen from chickens raised from Russell's best pen which she paid \$15 a setting. Of course, you read in the story for December 4 about the other breeders' prizes which have been offered—a pair Single Comb White Leghorns, a pair White Plymouth Rocks and a trio Buff Orpingtons. Won't there be some hard work done for these prizes and the cash prizes which Mr. Capper offers? If you haven't let me know that you wish to be in the club next year, you'd better do so at once while there are vacancies. This promises to be an exceptionally good year for the poultry industry and many farm girls are going to take this opportunity to get into business for themselves. Look for the application blank which is being run in another part of the paper.

More Pep Than Ever

A part of the business session at our November meeting was devoted to lining up membership for the coming year, and I hope to be able to report a complete line-up in the near future. I have also urged the girls to be ready at the close of the contest to submit their annual reports and send them promptly. As we have quite a little money left in our treasury, we have decided to make a donation at Christmas time to the Mercy Hospital at Kansas City.—Elva Carson, Linn county.

We had a fine time at our November meeting with 200 visitors present. We had a meeting at the Peerless theater in Lebo. Mr. Torrance gave us a six reel movie, and we gave a program of songs, recitations, readings and instrumental pieces. The Lebo Glee club also took part.—Edith Over Coffee county.

We certainly had a successful meeting this time. I thought at first I wasn't going to be able to attend because mamma and papa had gone to Kansas City and didn't get back till the supper. It certainly is worth a lot to attend these meetings, isn't it? When we arrived at Hattie Tudhope's there were automobiles and buggies lined up all along the street. The house was filled with mothers, fathers, sisters and visitors, all of them having a good time. We had with us as guests Mr. and Mrs. Andrew, Helen, Merlyn and the twins from Johnson county.—Beth Beckey, Leavenworth county.

Reading from left to right the girls in the picture are Lena West, Agnes Penhanger and Alice Pressnall of Republic county.

Don't forget to send in your annual report and story, for it may mean a prize.

It is probable that the acreage of the prairies in Kansas next year will be greater than ever.

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By W. S. Burgess.

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One million new users are wanted, so for a limited time any reader of this paper can get a big double size box (enough for a season) on free trial by simply writing for it. Send no money. Use the tablets 30 days; if at the end of that time your hens are not laying 2 or 3 times as many eggs; if you are not more than satisfied in every way the tablets are to cost you nothing. If completely satisfied this big double size box costs you only \$1.00 on this introductory offer. Simply send name—post card will do—to Milk Products Co., 124 Creamery Bldg., Kansas City, Mo., and the big box of tablets will be mailed immediately, post paid.

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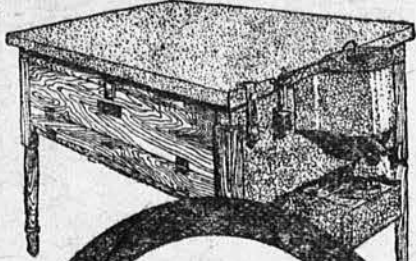
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M. M. Johnson Co.
Clay Center, Neb.

For Our Young Readers

Here Are Some Christmas Suggestions for Girls and Boys Who are Interested in Homemade Gifts

HAVE YOU ever wondered how the girls make those pretty bouquets of yarn flowers, so attractively worn at the waist or on the coat? Like everything else, it is easy when you know how, and this is the way it is done: Cut a round pattern of cardboard about 2 inches in diameter, punch a hole in the middle and clip the edge in eight places as shown in diagram A. The slots are about 1/4 inch deep.

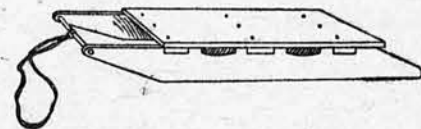
Scraps of yarn may be used for the flowers which may be all the same color or of two colors. A yellow flower with a brown center is pretty. So is a pink one with a darker pink center, or a purple and blue combination—any color will look well when mixed in with others.

Thread a darning needle with the yarn and bring it up thru the center hole. Do not pull it entirely thru, but leave about 6 inches on the under side; this will form part of the stem and should be held firmly with the left hand while the flower is being worked. Bring the thread on the upper side from the hole over into slit No. 1, then draw it on the under side over to and up thru slit No. 2, then down thru the hole in the middle. Draw the thread up again thru hole but leave a loop as shown in diagram B. This loop will keep the thread from pulling out and it should be held firmly with the first end as it will later help form the stem. Carry the thread back to No. 2, under to No. 3, up thru the clip at No. 3 and back to center hole. Bring thread back up thru hole leaving a loop as before, back to

went from slit to slit will be standing out around your flower like scallops; turn flower over and pull veins down until scallops disappear. This process will shape the flower. The stems can be wrapped with a thread the same color or with a very fine wire; picture wire will do. This done, take a narrow strip of mending tissue and wrap the stems. When all the flowers are made there should be several different colors; fasten them together invisibly or tie with a cord.

A Sturdy Sled

Have you let the coasting season find you without a sled? If so, just get out your hammer and saw and nails and go to work. Procure boards 1 inch thick for the runners and mark the notches. Make the square notches 3 inches wide, the space between them 1 1/2 inches wide and the round notches



4 1/2 inches wide. The best way to cut the notches is to saw down along the side edges and then split out the wood between the cuts with a chisel.

Prepare braces 12 inches long and of the right width and thickness to fit the notches in the runners. Nail the braces to the runners and reinforce them with 2 by 2 inch iron brackets screwed to the runners and braces. The foot bar is a piece of broom handle. The seat, which is 12 inches wide and 28 inches long, is fastened with screws driven thru it into the braces. The sled runners need not be shod with iron, but shoes will not only prevent the wood from wearing down, but will slide over the snow and ice more easily than the bare wood runners. Half-round iron strips may be secured at a hardware store or blacksmith shop for this purpose.

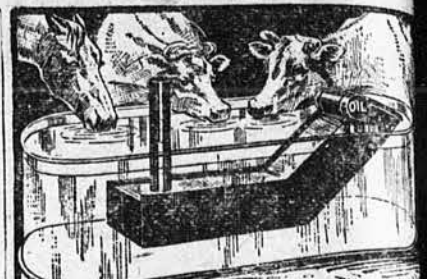
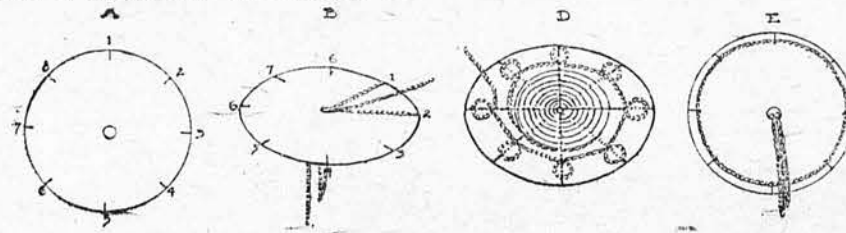
It's lots of fun coasting the way the Swiss boys and girls do. Bring several sleds into line, each one touching the one in front. The first boy takes his seat on his sled and holds it with his feet. The second boy, as he sits on his sled, stretches his feet out in front of him so that they may be held firmly by the first boy. The others do the same until all are in place. Then the first boy raises his feet and they are off; he guides as best he can with his feet and the weight of his body. Such a train of sleds will show real speed on a steep hillside, and woe to the boy who loses his grip and tumbles off!

Can You Guess?

When you have found the answer to this puzzle, send it to the Puzzle Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be packages of postcards for the first six boys and girls who send in correct answers.

I'm something that children and grownups, too, Should not, but sad to say, often do. Take one letter away from me, An Irishman you'll plainly see; Take two letters, and my position Is but a simple proposition.

Solution November 20 Puzzle: Can You Guess the Birds on Billy's Card? Woodpecker, partridge, nightingale, albatross, bird of paradise. Prize winners are: Emmett Jones, Great Bend, Kan.; Margaret Miller, Virgil, Kan.; Jewel Hammonree, Powell, Wyo.; Paul Manager, Harper, Kan.; Mac Crouse, Casper, Wyo.; Herbert Drake, Rozel, Kan.



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Can you guess the answer to the puzzle? Send it to the Puzzle Editor, Kansas Farmer and Mail and Breeze, Topeka, Kan. There will be packages of postcards for the first six boys and girls who send in correct answers.

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Four circular diagrams labeled A, B, C, and D, showing different patterns of notches and slots for a sled runner.

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Four circular diagrams labeled A, B, C, and D, showing different patterns of notches and slots for a sled runner.

Health in the Family

BY DR. CHARLES H. LERRIGO

SERVICE in this department is rendered to all our readers free of charge. Address all inquiries to Dr. Charles H. Lerrigo, Health Department, Kansas Farmer and Mail and Breeze.

Blood Pressure

"I am told by doctors that I have a very high blood pressure," writes a patient. "Can anything be done for my trouble?"

Only within the last 10 years has the testing of blood pressure become a matter of routine examination by physicians in general practice. To patients it is still a matter of much mystery. I believe I am not going too far in saying that it is also a matter of mystery to many physicians.

When a doctor tells you that you have high blood pressure he has told you about as much as he might in saying, "You are feverish," or "You are sick." It is worth while to know whether your blood pressure is high, but the knowledge of the mere fact, in itself, does not go far towards getting it cured.

High blood pressure is not in itself a disease, it is merely a symptom. It is just possible that some good may come from treatment of the symptom, but not very likely.

When a doctor tells you that you have high blood pressure, the response you should make is: "Very well, doctor. Why is it high? What causes it?"

His examination is not complete until he has found the systemic fault that is responsible. Perhaps, it is a disease of the kidneys, a disease of the heart or blood vessels, a nervous disease, a bad habit, or it might be simply an indication of overwork or worry. Let the doctor continue his investigations until he has found why you have high blood pressure, and then let him advise you how to get relief, if such a thing is possible.

There are conditions under which high blood pressure is incurable. Chronic Bright's disease is a good example of this, and another is hardening of the arteries. There are conditions under which high blood pressure is desirable. If it were not for the increased pressure your circulation would be insufficient. There are cases in which his very best efforts do not enable a doctor to find the defect that is responsible for the high pressure. In such a patient he can only treat the case experimentally.

But, as a general thing, do not be content with being told that you have high blood pressure. Insist upon knowing what systemic trouble causes it to be high, and what can be done to remedy it.

Questions and Answers

I am 53 years old and feel as healthy as ever but I have white spots on my hands, where the skin doesn't seem to tan in summer. They show more when I am real warm. Please tell me the cause and the remedy for it. This trouble started about three or four years ago. G. G.

The trouble is due to atrophy of the pigment cells in certain parts of the skin. It does not impair health and although rather common does not usually spread enough to attract any attention. Since there is no treatment that will do any good the only thing to do is to pay as little attention to it as possible.

Gravis Myasthenia

I would greatly appreciate it if you would tell me something of the nature, duration of the disease called gravis myasthenia. L. D. S.

Myasthenia gravis is a complication of pregnancy, fortunately one that is rare. It generally starts with a few days of fever, following which there is a marked general weakness of all the muscles of the body. The patient is so lacking in muscular power that she is unable to sit or stand and in severe cases cannot even feed herself. It is so serious a condition that the immediate termination of the pregnancy may be advisable.

A Special Case

Can anything be done for high blood pressure in a woman 59 years old? I had a nervous breakdown after the flu and while I am in fair flesh I have such hard beating of the heart that it makes me weak. My

right leg and arm also have a numbness in them at these times when it beats particularly hard and I have very nervous spells. S. L. N.

In your case the high blood pressure may well be due to the poisons left by the attack of influenza. The best treatment would be body building such as is used in tuberculosis. Rest in bed in the fresh air, extra nourishing food, especially such as milk and eggs, freedom from all work and worry for a period of 3 to 6 months. Such a plan as this should give very encouraging results in your case.

A Reader:

I think your symptoms are the natural beginning of the change of life. Many women have them at 46 or even earlier. There is no treatment necessary and nothing to be worried about.

Noxious Weeds in Kansas

A very interesting circular written by Prof. H. F. Roberts entitled the "Noxious Weeds of Kansas" has just been published by the Kansas State Agricultural college, and every farmer in the state should have a copy of it. According to Mr. Roberts there are nearly 100 different species of weeds in Kansas. Among the perennials or weeds that live from year to year the most noxious members are the following: Buckthorn, Johnson grass, bindweed of which there are three species, quack grass, and Canada thistle.

Among the annuals or weeds that produce their seeds and die at the end of the year or at the end of the growing season the most troublesome members are the following: Dodder of which there are two species, Russian thistle, cheat, foxtail of which there are two species, and crab grass. Carelessness in keeping down these pests will soon lead to serious trouble and the pamphlet just published by the college gives some valuable suggestions about controlling these pests. Write for Circular 84 of the Kansas State Agricultural college entitled Principal Noxious Weeds of Kansas.

Kansas Infantry in History

Considerable interest is being manifested in the manuscript which has just been completed by the historians of the 353rd Kansas Infantry and dedicated to the men killed in action.

The 353rd Kansas which was the only regiment of the Middle West to be decorated by the French Government was part of the 89th Division made up of drafted men and stationed at Camp Funston. General Leonard Wood drilled this division and took it to New York for embarkation but did not sail with the men as orders were issued for his command to go across without him. Arriving at the other side, this division was almost immediately plunged into the hardest fighting, and covered itself with glory.

This history follows faithfully and in detail the activities of the 353rd Kansas Infantry, is written in a clear, strong and vivid style, and while historical in character, it provides thrills unequalled in the most daring fiction. Richly illustrated with maps and photographs, this book, when issued by the publishers who are now printing it, seems destined to enjoy a high rank in historical literature and to meet with considerable popularity.

Rev. Otis Gray of Wichita, Kan., who was formerly the chaplain of the 353rd Kansas Infantry, is in charge of the production and sale of the volume which will be issued in a limited edition.

To Aid Co-operation

Farmer's Bulletin No. 1144, on Co-operative Marketing, has just been issued by the United States Department of Agriculture, Washington, D. C. Every person interested in developing the co-operative movement among farmers should have a copy, which can be obtained free on application.

Considerable progress will be possible in the developing of a more efficient rural school system in Kansas if all agencies will work together properly.

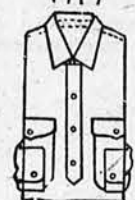
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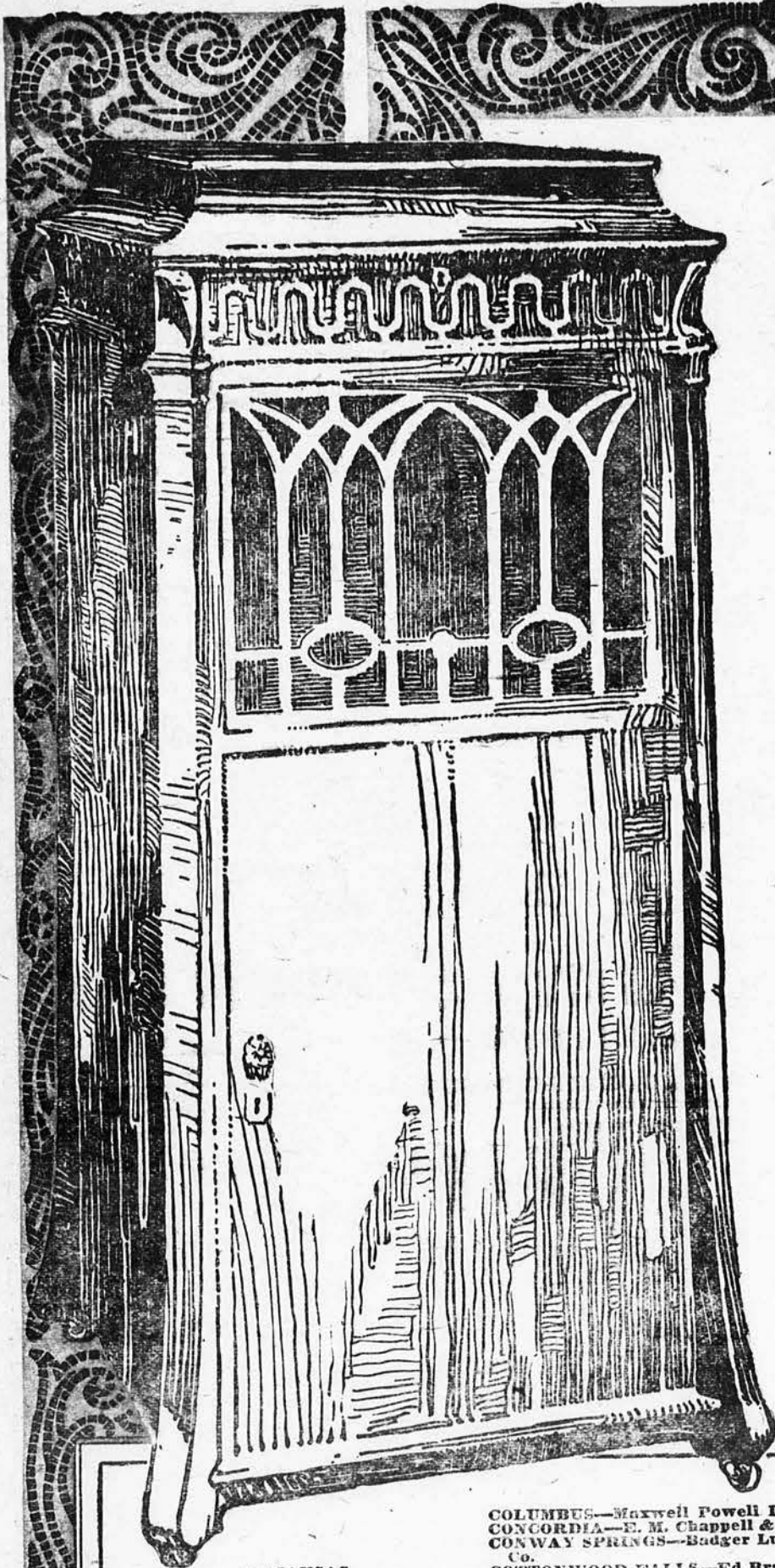
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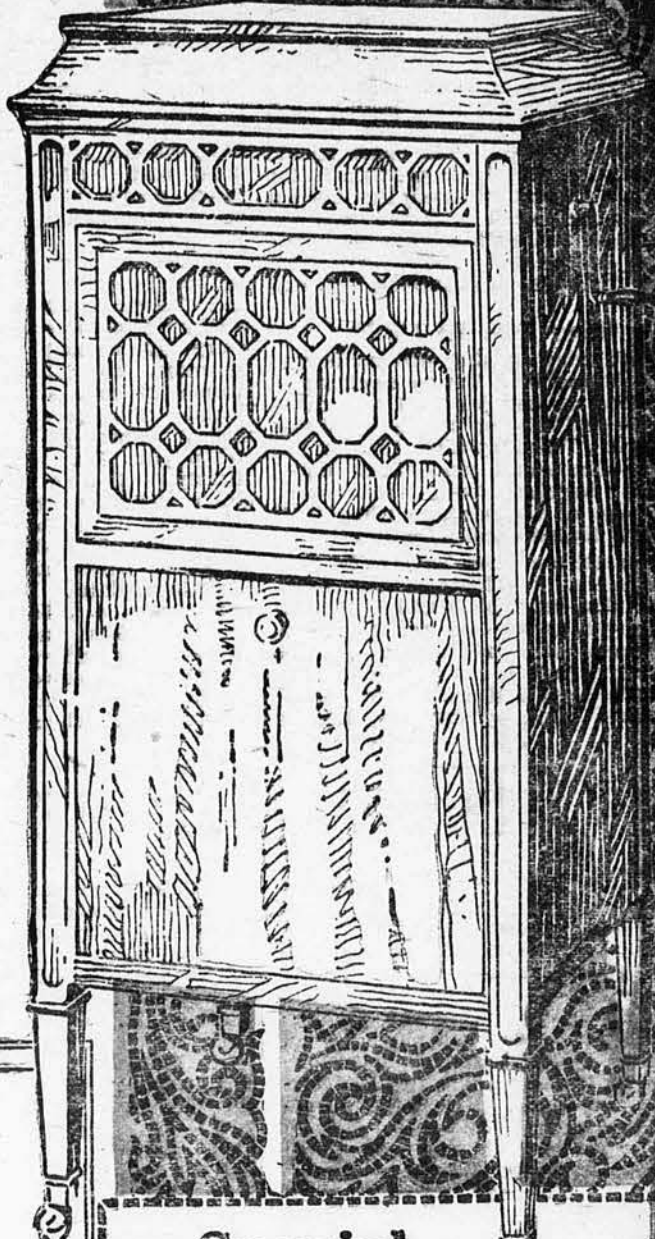
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Mrs. Ida Migliario
—EDITOR—

Are You Making Ready for the Season's Avalanche of Meat and Lard?

THE QUESTION of what to do with the avalanche of fresh pork which descends upon the housewife after butchering, has puzzled me and doubtless many other farm wives. I have tried canning by the cold-pack method and by frying down, and I have tried curing. But it is a combination of these methods which takes away the dread of the day after butchering for me.

The cold-pack method of canning sausage is by far the best, I think, if it is done properly. But there are many persons who have good success with their pressure cookers. I form the bulk sausage into cakes, and brown them thoroly in a skillet, letting them get about half cooked before putting them into the jars. The cakes should be packed as tightly as possible in the jars, the rubbers adjusted, the lids put on but not sealed, and the jars immersed in the boiling water 3 hours. At the end of that time, I take them out of the boiler or container, seal and store.

Gravy from the Liquid

I have tried canning without browning the cakes first, but so much liquid is formed in the jar that the cakes crumble and are not in good condition to serve. When opening the jar for serving the small amount of liquid formed, together with that which cooks out of the sausage when it is warmed, makes excellent gravy.

The heart and liver have to be used immediately. We try to use as much of the ribs, back bone and tenderloin while fresh as we can, and only cold-pack them as a last resort. At the same time that I can sausage I can the other parts that I think we cannot use fresh. And by the way, heavily

salting these pieces will help to keep them when the winter winds are mild.

In canning tenderloin, I cut into chunks about 1½ inches thick and brown them before placing in the jar. I also brown the ribs and backbone. They are browned best by putting them in the oven for a short time. Then pack in the jars and cold-pack 3 hours.

If you have good new rubbers, new lids, or tight fitting clamps for glass lids and follow ordinary directions for cold-pack canning there should be no trouble with meat spoiling. I have canned both pork and beef three years and never have had a jar spoil.

We use the brine method of curing and have had good success. For every 10 pounds of meat, use 12 pounds of salt, 3 pounds of sugar, and 2 ounces of saltpeter. Mix thoroly. I use either white or brown sugar or part

sorghum. After the meat has cooled, take a part of the dry mixture and rub over the hams, shoulders and sides. Pack immediately into the container, which may be a barrel or jar. (Recently we have used a 20-gallon jar for two hogs and we like it better than a barrel.) Dissolve the remainder of the dry mixture in 6 gallons of boiling water and when cool pour over the

packed meat in the jar and weight. In curing, it takes four days to the pound for hams and shoulders, and three days to the pound for bacon. We have left the meat the entire time without touching it but last year we re-packed it every 10 days and I thought the flavor was more even thru the meat. Of course, the pieces must be weighted down under the liquid and the

condition of the brine should be watched closely. If it becomes ropy or slimy, the meat must be removed, washed in warm water and the brine reboiled or remade if its condition is too bad.

Before pouring over the meat again, scald the container carefully. Here are a few precautions or helps that I have learned thru experience. Beware of the saltpeter! Too much will make the meat hard and

and should be taken out of the brine 10 days or two weeks before the regular time. I think smoked meat is good but as we have no equipment for that process, I hang up the hams and shoulders until they quit dripping and then wrap them carefully in muslin and paper and store them in a cool, dry place. They keep as well as smoked meat for us.

Bulletins on Butchering

With the cold-pack method of canning, and with curing, we are able to save meat all summer on the farm. Good bulletins on butchering are put out by the extension departments of the agricultural colleges and by the United States Department of Agriculture.

Farmers' bulletin No. 913 on killing hogs and curing pork written by F. G. Ashbrook and G. A. Anthony of the animal husbandry division of the United States department of Agriculture, is one of the most helpful books of its kind I have seen. It not only discusses selection and treatment of hogs before slaughter, but it tells how to cool the carcass and cut it up.

We all have our choice ways of curing meat, rendering lard, and making sausage but I believe that an information pamphlet like this bulletin is a valuable addition to any home library. Agnes Dunshee Arney.

Children Reap the Benefits

The results of the state wide milk campaign show that in 11 counties with 1,459 rural school children reporting, 54 per cent are drinking milk daily, and 243 of the entire number are carrying milk to school.

One mother in Greenwood county became interested in the campaign after reading the milk stories in Kansas Farmer and Mail and Breeze, and placed a bottle of milk in her son's lunch box the following day. The next day there were five more boys who had milk with their lunch. That progressive mother did a lot toward helping the boys of that community.

Plenty of milk with meals means strong bodies and clear minds.

If you haven't accurate scales, don't use saltpeter. It helps to keep the color, but the meat will cure without it. Be careful to have the container scalded and the water boiled in which the ingredients are dissolved, because it is bacteria that cause the brine to become ropy. Also, if you have your hogs skinned and much of the excess fat removed for lard, the meat cures faster

New Ideas for House Cleaning

YOU MAY SIGH when you think of keeping the house clean during the winter. You may wish to rid your home of the soft-coal nuisance—the black dust on the walls, furniture and floors. And perhaps you, too, will long for the good fairy to wave her magic wand, gathering up the scattered paper dolls and other toys from the floor, removing the finger prints from the phonograph and cleaning the room with no effort. But one doesn't accomplish much in this practical world by dreaming of the impossible. So why not be thankful for the coal in Kansas mines? It will keep you warm. Why not master the house-cleaning problem by using the most efficient methods? It is the wisest way.

Let's start the winter right by getting everything about the house in order. That doesn't mean all the rooms must be upset at the same time. Far from it! The floor in one bedroom may take most of the time for cleaning in one day and the walls the next. Turn about is fair in housework as in everything else.

Suppose the walls are considered first. If they are painted, it is not difficult to wash them with soapy water but when they are papered and one doesn't want to buy a new covering, the housewife is baffled at times—she wonders what to do. Removing the dust is the first task and for this purpose nothing surpasses a feather brush or the wing of a fowl. By brushing the feathers lightly over the wall, the loose particles of dust are removed quickly. Then the use of a soft, flat sponge or a very soft cloth is needed. Take the sponge or cloth in the hand and on it pour clean wheat bran. Turn this against the wall paper and rub gently with an up and down movement. Do not use the same bran on the wall

more than twice. After one portion of the surface is cleaned, take more bran and repeat the process until the entire wall covering has received attention.

After this only the persistent spots are left. If they are of grease and of recent origin, they can be taken off by the use of blotting paper and a hot iron. Place two or three layers of blotting paper directly over the spot and then iron it until the melting grease is absorbed by the blotter. When grease spots have been on the wall for many weeks, they are obstinate. They can be removed by placing a paste made from Fuller's earth and water over the grease and allowing

the paste to dry. When it is brushed off, the spot will have disappeared.

Ink spots are dreaded because they are unsightly but they, too, can be removed. The druggist will make up a solution for you which contains 1 part of citric acid, 1 part of distilled water and 2 parts of a concentrated solution of borax. This is applied to the ink spot with a camel's hair brush, taking care that too much of the liquid will not get on the paper; if there is a surplus, it is taken up quickly with a blotter so it will not fade the colors in the designs of the wall paper. Then the walls are clean.

From time to time during the winter,

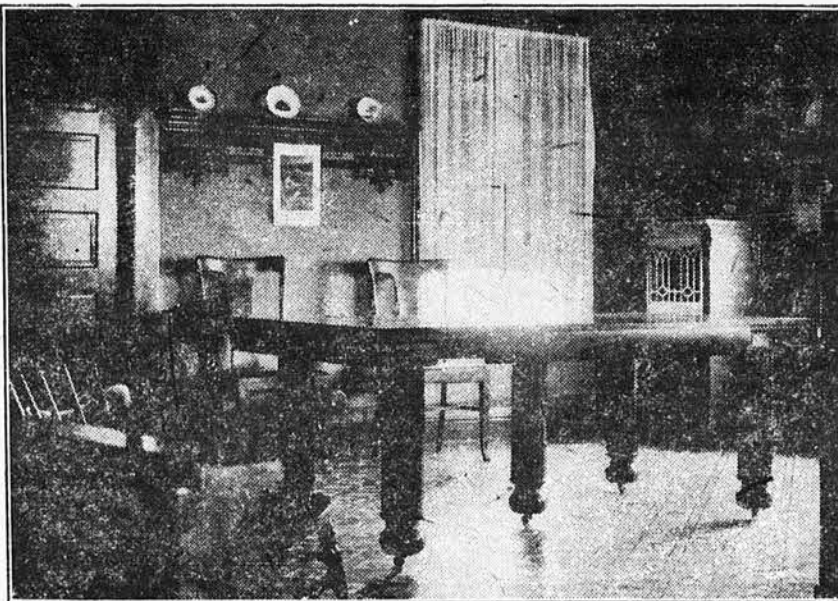
the walls can be brushed off gently with a feather brush and then washed, if one wishes. After all water is the most satisfactory cleansing agent in the wide world. Nothing equals it. But unless it is used properly and that means in small amounts, the task of removing the cleansing water is more arduous than all the other labor connected with keeping the house clean.

To wash a papered wall, take a small pan filled with water, dampen a cloth in it, add friction soap, either in the powdered or brick form, and rub on the wall with up and down strokes. Dry with a soft cloth immediately after washing. The change in the appearance of the paper is almost magic and there is just one secret—the cloth must be wrung very dry.

The children are in the house many hours on snowy days. Kansas mothers know how difficult it is to keep the furniture clean when all the family is in the house. Yet only three things are needed in cleaning furniture: the use of a little water, the expenditure of considerable elbow grease and an application of furniture polish. In washing the furniture, wring the cloth very dry and rub over the furniture, avoiding the circular motion for it causes streaks. After the furniture has been washed, rub it with the dust cloth to which furniture polish has been added.

And just one more thing about cleaning the house this winter—about keeping it clean. The stoves will not need to be blacked unless you insist. On the market today are various oils which can be applied with a cloth to clean the stove and to protect it from rust. Of course they do not give the shining black appearance, but is it worth all it costs? And it's one sign of the "New Day" in house cleaning.

Mrs. Martha M. Curtis.



Painted Walls Can be Cleaned Easily with Soapy Water; and Linoleum Floor Coverings Need Not be Swept Unless There are Large Particles of Dirt.

Grandmother's Christmas Gift

"Well, there's one thing about done," sighed Miriam as she laid her pencil beside the piece of paper on which she had been writing.

"What have you been doing?" asked Katherine who had just come in for a chat.

"I've been working on my Christmas list and it surely is a task. I have every one but grandmother's present figured out. It's so difficult to buy a present for an old person."

"Yes, isn't it?" agreed Katherine. "But I don't think it's right for us to buy just anything we can find at the last minute. I've decided this year my old folks' present shall come first."

"You may be right, Katherine. Let us make a list of some presents that old folks would enjoy."

The girls were soon at work. Katherine had a good idea for her grandmother's present. In the public library, she had found a pretty poem and had copied it for her grandmother who



Whistler's "Mother."

thought it very beautiful. Katherine decided to have an artist friend copy the poem in script and have it framed to hang in grandmother's room.

Miriam remembered how the old lady next door had cherished a pretty candy box she had received on her last birthday. "I believe a box of candy would be an excellent present for an older person, if the box were pretty. A box is a keepsake where one may keep letters, handkerchiefs and so on," said Miriam.

"An older person always enjoys flowers. Potted plants are pretty, but they like cut flowers, too," said Katherine as she added flowers and candy to the list.

"I'm going to try to find a picture for grandfather's room," said Miriam. "I know he would like a picture of some horses. He can't get out much, you know, and he does like horses so much."

"Yes, pictures are good," said Katherine. So they were added to the list.

"What are you girls about, anyway?" asked Miriam's mother who had just entered the room. Together the girls explained what they were trying to do.

"A very good idea," was Mrs. Neal's comment. "Perhaps I can give you a few suggestions to complete your list. Your father and I are planning to get mother an electric foot warmer this Christmas. We will have a cord put up to the head of her bed so she can turn the heat off and on without leaving the bed. I heard mother remark the other day that it was so lonesome now that she couldn't hear the clock strike downstairs. Her hearing is not bad but she cannot hear the clock in her room. I think a clock that strikes would be an acceptable gift to an old person."

"I like that idea, too. I'm coming back again to talk some more about it. But I must hurry on now. I don't believe it will be half as difficult to select gifts now as I thought it would be," said Katherine as she departed.

Teaching Daughter to Sew

Give little daughter a chance at these scraps of dress material and muslin left from your own sewing. Teach her to make garments and furnishings for her family of dolls. It is neither material nor time wasted, for she will learn by this how to sew for herself and how to help you with your sewing later on. She soon will be able to make pretty little pieces for her "hope chest," too.

Bits of flour sack washed and ironed are good materials on which she may learn. With odds and ends of crochet thread, edgings and laces, she can

fashion pillow cases for dolly's bed and table-cloths and napkins for her tiny table. It may take some patience, but it is an education every girl needs and you will feel well paid later on.

A course in domestic science is a good thing, but never can make up for the lack of home training earlier in life. If we wish our daughters to be home-makers let us lay the foundation early and let us not trust so important and sacred a task to others.

Mrs. L. G.

Farm Home News

BY MRS. DORA L. THOMPSON

The alarm clock has not so dismal a sound if some preparations for breakfast have been made the night before. In some families it is the task of the oldest child to build the fire in the kitchen stove. This means that the kindling should be brought in and put in place and the finer wood dried ready to light easily.

Bacon may be sliced in the evening with less chill to the fingers than in the morning. Potatoes, if served at breakfast, may be prepared in the evening. Cake batter may be mixed except for the soda or baking powder. The table may be set and covered. Sandwich filling and fruit for children's lunches may be made ready in the evening when there is little commotion. On special occasions, such as the need to reach an early train, we have "planned ahead" and found that even on a very cold morning an early breakfast could be prepared quickly. At such times we have thought we should cultivate the habit of making the breakfast preparations in the evening. In so far as we do so, we have found our dislike for early rising in the cold lessened.

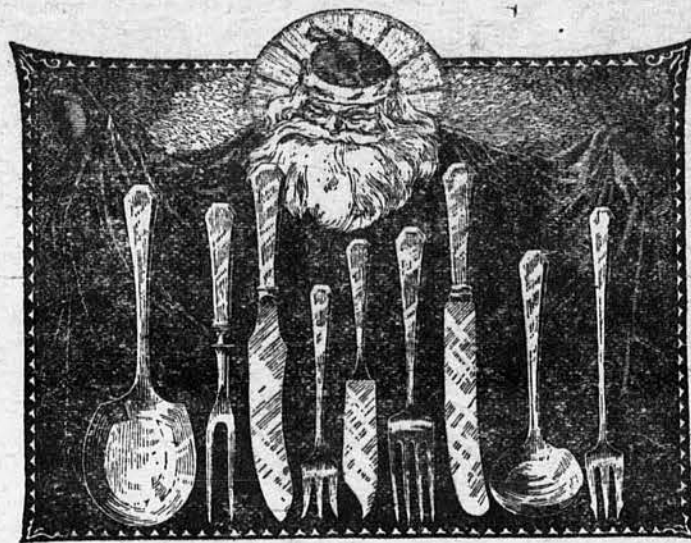
Older housekeepers who used iron kettles found their cleaning tasks less if they used a wire dishcloth for scraping. There are many round bottomed kettles, mixing bowls and the like that are more easily scraped with a wire dishcloth than with a spatula. One that we recently purchased had an objectionable looking handle attached. When we put the scraper to use it was soon discovered that the straight edge of the handle was an excellent help in cleaning.

Many who churn large amounts of butter have times when they find it desirable to churn very little. It is the custom of some to use a small dasher churn at such times. Others, who value their time more highly, invest in the small glass churns with crank handles. Such a churn in the gallon size usually sells for \$2.50. It soon pays for itself in the time saved in churning. It appeals to many as the most sanitary. There is no way in which dust or flying trash can enter the churn when the lid is screwed in place. It is an easy utensil to clean and requires little store room.

Cream may be chilled or warmed by standing the churn in water of the desired temperature. One needs to exercise a little care in such. If the glass churn filled with cold cream is suddenly plunged into warm water, there is likely to be heard the click of cracking glass. A neighbor placed her glass churn in a basin of warm water on the back of the stove. The fire started to burn better and the bottom of the churn resting on the basin on the stove cracked just as fruit cans do when the false bottom is left out of the canner.

We admire the salesmanship shown by those advertisers of baking powders, raisins, nuts and fats when they not only picture good looking cakes, breads, pies and other dishes, but also give simple directions for making them. A Northern friend in the grocery business says their sales of cranberries and raisins have been increased many times since they distributed the following recipe for cranberry raisin pie: Use 1 cup of cranberries, cut, ½ cup of raisins, 1 cup of sugar, 1 egg, a pinch of salt, vanilla, 1 tablespoon of flour, 1 cup of cold water and a small piece of butter.

If there are paint spots on the window glass, they can be removed with hot vinegar.



NOW, while you are looking for a really worthwhile Gift

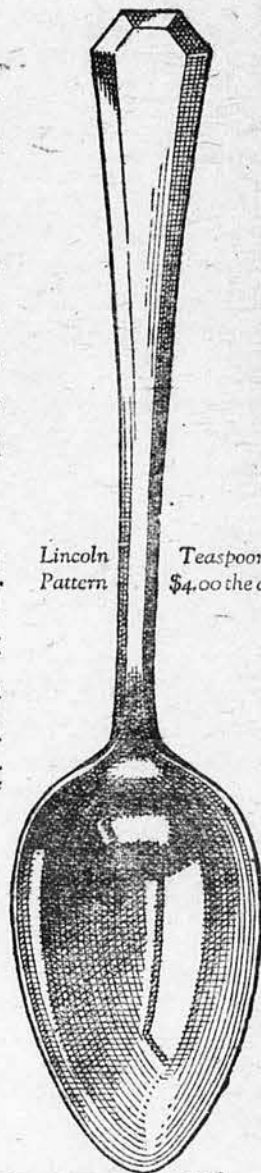
YOU must see the beautiful silverplate of Wm. Rogers & Son.

You can buy this attractive silverplate in complete sets, reasonably priced, and varying in size from 26 to 90 pieces. Or you can select just enough articles to suit your immediate need, and add to them from time to time.

Carefully note the quality, the beauty of design and the low cost of Wm. Rogers & Son silverplate — then you will be convinced that it is really "the best at the price."

Lincoln Pattern

Teaspoons \$4.00 the doz



Wm. Rogers & Son
Silverplate

Made and guaranteed by Wm. Rogers & Son, International Silver Co., Succor, Meriden, Conn.
Also made in Canada by Wm. Rogers & Son, Ltd., 225, Queen's Quay, E. Toronto, Ont.



Victrola XVII, \$350
Victrola XVII, electric, \$415
Mahogany or oak

Will there be a Victrola in your home this Christmas?

If any one thing more than another can add to the joys of Christmas, it is music—and the Victrola can bring into your home any music you may wish to hear.

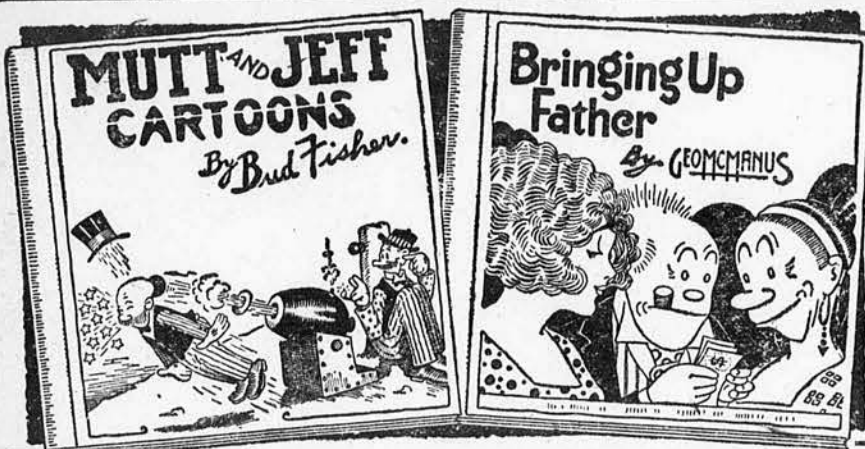
The Victrola is the one instrument to which the greatest artists have entrusted their art—an unanswerable acknowledgment of its artistic achievements. Moreover, the Victrola is the only instrument specially made to play the records which these great artists have made.

By all means get a Victrola this Christmas, but be sure it is a Victrola and not some other instrument made in imitation. \$25 to \$1500. Victor dealers everywhere.

The trademark "His Master's Voice" and the trademarked word "Victrola" identify all our products. Look under the lid! Look on the label!



Victor Talking Machine Co., Camden, N. J.



GIVEN TO YOU FREE!

These Cartoons are Now in Book Form

Here are two series of cartoons that have made millions laugh in both hemispheres. Do you enjoy a good hearty laugh—of course you do. Everyone does. You have often read the cartoons of Mutt and Jeff and Bringing Up Father as they appear in the daily newspaper. Here is your opportunity to get these two books FREE and POSTPAID. Both books are crammed full of cartoons that will make you laugh until your sides burst. The whole family will enjoy reading them. Our supply is limited so

Fill Out and Mail Coupon Today—Don't Wait

Everybody wants these books. All you have to do is to distribute eight beautiful colored pictures among your friends on our fast selling 25 cent offer. A few minutes will do it and the books are yours. Be the first in your neighborhood to get this series of cartoons in book form.

Robt. Lee
44 Capper Bldg., Topeka, Kan.

Robt. Lee, 44 Capper Bldg., Topeka, Kan.

Please send me at once 8 pictures to distribute so I can get the book of Mutt and Jeff and Bringing Up Father.

Name

Town

Attractive Slip-On Aprons

Styles That Will Please Mother and Daughter

BY MRS. HELEN LEE CRAIG



EVERY woman appreciates the slip-on apron of percale, gingham or calico that is always ready. Style 8619 features a woman's one-piece apron with the front and back cut in one and lapping at the sides. Cut in one size.

8684—Misses' and Girls' Apron. This practical gingham apron is unbelted and sleeveless. Sizes 4, 6, 8, 10, 12, 14, 16 and 18 years.

9463—Girls' Apron. This cover-all apron can be converted easily into a simple little frock by adding a belt and a bit of trimming. The sleeves are long and the closing is at the back. Sizes 1, 2, 4, 6, 8, 10, 12 and 14 years.

8862—Women's Apron. The bib-front of this one-piece apron extends into narrow straps at the back which cross and button at the waistline. Sizes 36, 38, 40, 42 and 44 inches bust measure.

9301—Women's and Misses' Apron. This apron is made attractive by the use of a band of contrasting material for trimming. Cut in one size.

9225—Child's Apron. The unusual feature of this apron for the small miss is the long sleeves which are cut in one with the front. Sizes 1, 3 and 5 years.

9802—Women's and Misses' Apron. The skirt of this apron is cut circular and joined to a bib at the front and back. Sizes 24, 26, 28, 30, 32 and 34 inches waist measure.

These patterns may be ordered from the Pattern Department of Kansas Farmer and Mail and Breeze, Topeka, Kan. Price 15 cents each. State number and size of pattern desired.

Quality First



Boston Garter
Velvet Grip

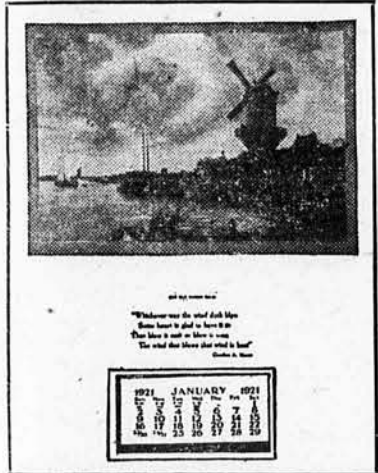
Quality Always Wins
In every walk of life, doing something better than the other fellow spells success. Boston Garter's success is just a matter of being ahead in quality and workmanship, giving wearers the greatest satisfaction. **GEORGE FROST CO., BOSTON, MAKERS OF Velvet Grip Hose Supporters For Women, Misses and Children**

There is nothing like passing a good thing along, so as soon as you have read *Kansas Farmer and Mail and Breeze*, pass it along to your neighbor. It will be appreciated.

Save Money!!

The offers below allow you a handsome saving from the regular rates. No agents commission allowed; the subscriber gets all there is by accepting these offers and sending the order direct to *Kansas Farmer and Mail and Breeze*.

"The Old Dutch Mill"



1921 Calendar Free

We will give a lovely new calendar lithographed in nine tints and colors free with all club orders received before January 1, 1921.

| | |
|---|--------|
| Kansas F. and Mail and B. 1 yr. | \$1.00 |
| Kansas F. and Mail and B. 3 yrs. | 2.00 |
| Kansas F. and Mail & B. 1 yr. Club 2 Both for Capper's Weekly, 1 yr. | \$1.60 |
| Kansas F. and Mail & B. 1 yr. Club 3 All for Household, 1 yr. | \$1.90 |
| Kansas F. and Mail & B. 1 yr. Club 4 All for Gentlewoman, 1 yr. | \$1.80 |
| Kansas F. and Mail & B. 1 yr. Club 5 All for Woman's World, 1 yr. | \$1.45 |
| Kansas F. and Mail & B. 1 yr. Club 6 All for Today's Housewife, 1 yr. | \$1.60 |
| Kansas F. and Mail & B. 1 yr. Club 7 All for People's Home Journal, 1 yr. | \$2.10 |

NOTE—If you should happen not to find your favorite magazines in these clubs, make up a special club of your own and write us for our special price. We can save you money on any combination of *Kansas Farmer and Mail and Breeze* and any two or more other magazines you want.

Kansas Farmer and Mail and Breeze, Topeka, Kansas.

Enclosed find \$..... for which please send me all the periodicals named in Club No..... for a term of one year each and send me a calendar free.

Name.....

Postoffice..... State.....

Street.....

or R. F. D..... Box No.....

"I'se Like Uncle Jim"

"Now, John," said Mrs. Sanderson. "Come back and close that screen. You'll have the house clear full of flies. I don't know what you mean. You never seem to have a thought Outside your foolish play; But then it does no good to talk— You're like your grandpa Ray."

"Here, Susan, set the table now. You've read all afternoon. And when I talk you answer like Your mind was in the moon. Finish the chapter? No, indeed, You'd read the rest the day; But then it does no good to talk— You're like your great-aunt May."

"Come, baby, put away your blocks. And gather up your toys. Playthings are never left around By tidy little boys." The baby straightened up from play And said with force and vim, "I doesn't want to pick things up 'Cause I'se like Uncle Jim."

—Mrs. Veima West Sykes.

Women's Service Corner

Send all questions to the Women's Service Editor, *Kansas Farmer and Mail and Breeze*, Topeka, Kan.

A Market for Crocheting

Would you please give me the name and address of Mrs. C. E. C. who wishes to sell her crochet work?—Mrs. W. D. W.

Mrs. Clara E. Cummings, Abbyville, Kan., Box 65, is the woman who has crocheting to sell.

Crude Petroleum for Vermin

I should like to know how to destroy head lice.—A Reader.

Wet the hair thoroly with a pint of crude petroleum. Keep it wet 3 hours. Then wash the entire head with warm water and soap. Repeat this process on three successive days. The nits may be removed then by combing the hair carefully with a fine-tooth comb wet with vinegar. Repeat the combing several days until no more nits can be found. Head lice may be destroyed with common kerosene. Pour a little into a small dish and moisten a small cloth with it. After squeezing the rag a little, rub it over the hair. If this is done in the afternoon, the odor should be gone by the next morning. Be careful not to get close to fire or lights.

For the Christmas Party

Would you please suggest some way to entertain the members of a girls' club with a Christmas party?—M. K.

Decorate the house with the usual Christmas decorations of evergreen, holly, mistletoe, bells and so on. Make a Santa Claus figure about 3 feet high with a tall, peaked cap on its head. A mask and a beard will make the head. Provide five soft, rubber balls and see who can knock the hat off with the fewest balls. The one succeeding wins a small prize.

Form a circle of white candles on the table. The guests are blindfolded and the one who succeeds in blowing out the largest number of candles at one blow is given a pretty box tied with a gilt cord and marked, "For a Blower." The box should contain a handkerchief. Give each guest a piece of paper and a pencil. In a limited time, see who can secure the most Christmas greetings. Each one is to write Merry Christmas and her initials. Award a prize to the person having the most greetings.

Make two large stockings, one of green and one of red paper, and hang them at opposite ends of the room. Decorate all players with badges of red or green paper, being sure to divide the company evenly. At a signal, have them hunt for candies which have been hidden thruout the room. The "greens" put all their candy into the green stocking, and the "reds" put theirs into the red stocking. When the game is finished, the side having the most candy divides the booty among themselves.

Have each girl bring a gift and limit the amount to be spent for it. Make a fish pond of a deep box covered with red and green paper. Put all the presents, wrapped securely, into the pond and let each guest fish for one.

The table decorations may be made unique by using a large star made of green paper for the centerpiece, with a tall red candle in the center. Gold and silver stars may be scattered over the table. Star-shaped place cards and star-shaped cakes will add to the decorations. You might serve ice cream with the star-shaped cakes, and give each guest a small star-shaped box filled with Christmas candies.

Long Horn Instruments Produce the Most Pleasing Music



THE trombone soloist enraptures and thrills his audience with the smooth, mellow tones he is able to produce with this long horn instrument.

The long horn of the trombone amplifies the tone and gives it purity. So with the Puritan Phonograph. The sound waves, in their travel through the long wood Puritan horn, are stripped of any mechanical vibration or record noises. You hear only the true, refined tones with all their original beauty.

Puritan Records

Puritan Records are also a real achievement. They are recorded and made entirely by the Puritan organization.

The Puritan Reproducer is specially built to play all makes of records. Thus, the Puritan gives you all music and plays it for you with a rare purity of tone.

In choosing a phonograph as a Christmas gift, judge first of all by tone. Go to the Puritan dealer in your town and hear the sweet, mellow tones that come from the long Puritan horn.

If you don't know the name of your dealer, write us. We will also send you an attractive folder showing a wide range of Puritan styles.

Dealers: The Puritan proposition is unusually attractive. Write for it.

United Phonographs Corporation, Sheboygan, Wis.

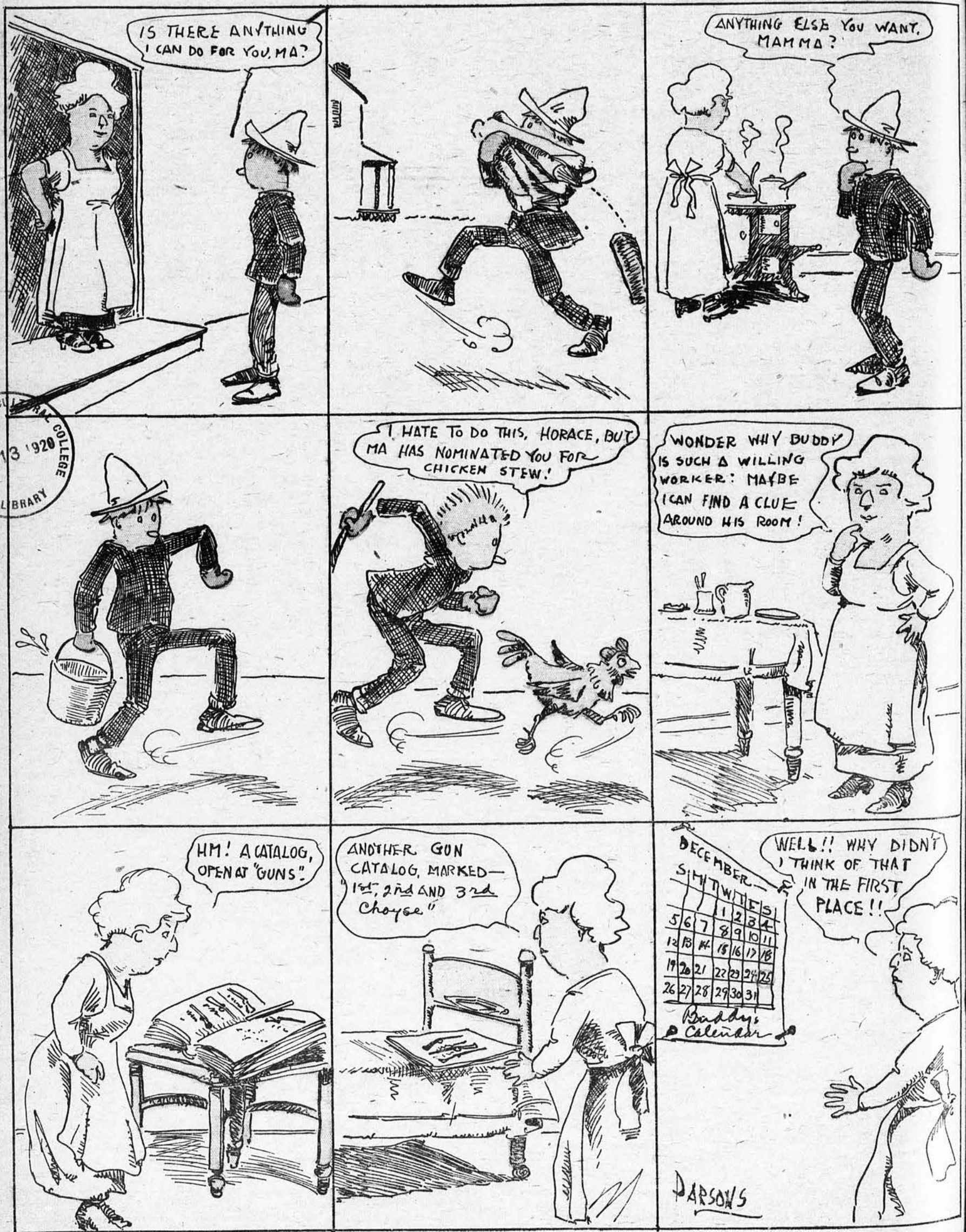
Distributing points in principal cities.

Puritan

Phonographs and Records

The Adventures of the Hoovers

A Catalog Open at Guns Gives a Clue As to Why Buddy is Such a Willing Worker. The Red Circle on the Calendar Explains the Rest



Chicago's Big Stock Show

Kansas Cattle Win at the International

BY T. W. MORSE

THE movement to make Chicago the headquarters for North America, of the society, business and politics of purebred livestock, began years ago at about the time that livestock record associations were first offered rent-free quarters at the Chicago Stock Yards. The International Livestock Exposition was to be the principal activity in a plan of operations so far-reaching that few except insiders and close observers, even today sense its full significance.

How large was the vision of its planners and how successfully their plans have been carried out must be apparent to a student of the steadily increasing proportions of the annual Internationals of recent years, of which the exposition just held at Chicago was typical. The great distances to be covered, the enormous freight and traveling expense entailed seem not to have checked the gathering of exhibits and people from all quarters of the United States and Canada.

Many Schools Participate

This participation by schools in a show of the magnitude of the International, does not mean merely the trip. It means months of training students, and months lengthening into years to cover selection, breeding, and fitting, where exhibits of livestock are made, as is done by many state colleges. The expense for every school runs into thousands.

But successful schools seem to have made it pay. Kansas seems to have made it pay. The Kansas Agricultural college judging team this year was fourth; 17 teams were below ours. In a competition of single fat animals, such as was never seen before, Kansas brought a Hereford steer good enough to be the "runner up" in class leading to grand championship honors, against Black Ruler, the Angus steer from Purdue university (Indiana) which won. In a grain show, a new feature of the International, with more than 2,000 entries, representing the agronomy of an area extending too near the Klondyke on the North and too near the Everglades on the South to accord with most of our ideas of grain production, Kansas still could nail a first—on milo—and possibly others. Even in the carlot livestock show with 125 entries of cattle, sheep and hogs, the only two exhibitors of cattle from Kansas, A. E. McGregor and Dan Casement got three times in the money. When a state can "put it over" doubtless it pays.

Meetings of many sorts occupy almost equal thought to the not the apparent attention with the show itself. In these, more than elsewhere, the society and politics of the purebred business come to the surface. Beside countless committee meetings, there were, in the course of "International week," about 45 formal meetings, many of which included banquets and set programs. A majority of these meetings were of National organizations, including most of the livestock record associations in America, more than 30 of such meetings being held.

Carlot Sales of Cattle

Public sales of all the carlot cattle and hogs ready for slaughter, of most of the fat steers shown individually, and of breeding animals from six breeds of cattle and horses, superimpose themselves upon the time of the participants and managers and the attention of visitors. In these sales some 2,500 head of superior meat and breeding animals were sold at prices ranging up to \$5,000 for a sire, and up to \$30 a hundred on the champion carlot, and \$175 a hundred for the champion steer.

It is trite talk to say that this year's International was the biggest ever held. Maybe some figures will help to say it in a better way. The American Royal which is nearer home this year included three breeds, all cattle; the International included 30 breeds of cattle, horses, hogs and sheep. We thought the American Royal brought out the year's biggest showing of Herefords, but the International brought out 525 purebreds, 30 per cent more than at Kansas City, and there were 40 Polled Herefords there beside. Of

Shorthorns the International brought out possibly three times as many as were shown at Kansas City. The catalog showed the following purebred Shorthorn entries:

Beef type breeding cattle, 525; steers, 73; milking Shorthorns, 124; total, 722. Frank Tomson, editor, of the official Shorthorn magazine, told me that nearly all the entries were shown. At Kansas City the Angus breed was represented by 35 head. At Chicago there were nearly 10 times that many.

There are 48 states and several foreign countries to draw on for judges, but few, if any Internationals "get by" without calling on Kansas men to help. This year John Achenbach, of Washington county, and John R. Tomson, of

Shawnee county, judged in some of the most important breeds, Mr. Tomson's work including all the Hereford breeding classes. R. Pareja Reissig, of Uruguay, was the judge scheduled for the Hereford job. Mr. Reissig is used to looking at several thousand Herefords of his own at one time, and Mr. Tomson was promised he would not have to work unless R. Pareja failed to arrive in time. When the show opened it was announced that the foreign judge's "boat was late arriving and John R. started in. Occasionally, when the Hereford men would lead out from 30 to 50 extremely similar entries for a single ring, the judge pro tem would anxiously inquire whether the foreign judge's boat had arrived. As a relief from the detail of big classes he occasionally called for help on such other well known foreign judges as Henry Moxley, of Kentucky, and Tom Clark, of Illinois, and when the Hereford sale opened Friday noon, the 500 or so Hereford breeding cattle had been inspected ocularly and manually and officially "placed" where they remained "placed."

Kansas Winners

The leading Kansas winners at the International were Robert H. Hazlett, of Butler county, and the Kansas Agricultural college. Among the winnings of the college on livestock, were the following:

First on Lanthus Lad 11th, Hereford senior yearling steer; 6th on Bond Lad, same class; 2nd on Rolling Acres, Hereford junior yearling steer; 9th on Rupert's Model 10th, Hereford junior steer calf; 2nd on Hereford steer herd; 4th on Mina's Dale, Shorthorn senior yearling steer; 6th on Pride's Eric, Angus senior yearling steer; 4th on Alex's Hope, grand junior yearling steer, and 2nd 5th and 2nd in the Clay Robinson specials by ages.

Included in the winnings of Mr. Hazlett on Herefords (showing no aged animals) were the following:

First on Hazford Bocaldo 3d, senior yearling; 3rd and 7th on Beau Winton and Hazford Publican, junior yearlings; 3rd and 4th on Hazford Bocaldo 10th and Hazford Bocaldo 8th, senior calves; 6th on Good Cross, junior calf; 9th on Maud Dare, 2-year-old; 5th and 6th on Bonnie Lady and Donabel 2d, senior yearling; 3rd and 10th on Lady Baltimore 11th and Bloss 24th, junior yearlings; 3rd, 6th and 8th on Lady Helen 5th, Iola 2d and Lady Helen 7th, senior calves shown in a ring of 42.

Why not grow more alfalfa?

Cattle and sheep prices and by-product values

When we buy live cattle we get our returns from two sources—the meat and the by-products; the price we can afford to pay for cattle depends on the prices we are able to get from these two sources.

What we can get for meat and by-products depends on general competitive conditions over which we have no control. Sometimes the price of meat is high and the price of by-products low; at other times the situation is reversed.

During the past few months there has been a serious depression in by-product values.

Hides dropped from 50 cents to 25 cents; oleo oil fell from 28 cents to 13½ cents. Wool and other by-products of the packing industry also have fallen tremendously.

The fall in cattle by-products amounted to about \$2.36 per hundred pounds of live cattle. In the case of lambs it was even greater—\$4.46 per hundred pounds of live lamb.

This means that when we were paying \$12.00 for cattle in October we could have paid \$14.36 if by-product values had not dropped.

Likewise we could have paid almost \$18.00 for lambs which were bringing only about \$13.50.

The point is, that the less we get for by-products the less we can afford to pay for live animals; and this means a wider difference between the price of live animals and the price of dressed beef or mutton.

For example, a year ago, when by-product values were high, we sold our dressed beef at an average of only about five and one-half cents a pound more than we paid for live cattle; today the difference between the live and dressed prices is nearly ten cents.

But the stock raiser says, "Why not charge more for beef and save us from loss?" Because the price of perishable products like fresh meat is absolutely beyond control. All that the most efficient packer can get is the highest price at which meat will move into consumption while it is yet fresh. In other words, there is always a competitive market price, which fluctuates daily and hourly to keep the perishable meat moving to the consumer. If we tried to hold the meat for a higher price, we would simply have it left on our hands to spoil.

Our average profit of less than \$1.00 per head on cattle for the past five years includes the returns from cured hides, oleo oil, and other by-products.

Swift & Company, U.S.A.

Founded 1868

A nation-wide organization owned by more than 35,000 shareholders



Better Prices for Wheat

Outlook for Business and Farming is Improving

BY JOHN W. WILKINSON

BETTER PRICES for wheat are in sight and farmers who hold their grain for later markets will be repaid for their trouble. During the past 10 days there have been advances and declines, but flour is steadily advancing and wheat also must soon show substantial advances. If we compare last year's visible supply of wheat at the close of November which was 92,905,000 bushels with this year's visible supply of the same date which is 39,875,000 bushels, a shortage of 53,010,000 bushels is shown. Observers and students of market conditions say that this fact points to a more stable price situation for both wheat and flour. Of course a great deal will depend on world conditions and the demand for our farm products in other countries. Gamblers and professional speculators have robbed farmers of millions of dollars by their manipulations of the grain market. Canadian wheat also was dumped on our markets and that tended to bring prices to a lower level. Early legislation by Congress no doubt will remedy both of these evils.

Brighter Prospects Coming

Extension of credit to Germany and associated countries of Central Europe for the purchase of the surplus supplies of food and raw products in the United States also would create a stronger demand and better prices for our crop and livestock products. Undoubtedly Congress will investigate this situation closely and will do everything possible for the relief of our farming industry. The past two months have been trying ones for business men as well as for farmers, but I believe the storm crisis has passed and brighter days are coming. Such periods of depression are nearly always of short duration and after they are clearly recognized as at present, the mending process begins and before many weeks have passed confidence is restored and business takes a turn for the better.

We have been blessed with good crops of nearly every kind in almost every locality and the resources of our country and of individual citizens were never so great. Altho our hog men have been considerably discouraged I believe that a brighter outlook for them is at hand. In Europe there has been a decrease of approximately 20 million hogs and there has been an increase of 13 million hogs outside of Europe. This indicates that there are at least 7 million fewer hogs in the world now than before the Great War began. So far as sheep are concerned there has been a still greater decrease in Europe than there has been in hogs. There are at least 9 million fewer sheep in Europe now than before the Great War. In 12 of the leading countries outside of Europe there are 27 million fewer sheep. In 12 of the leading European nations there has been a decrease of approximately 9 million cattle. Altho livestock market conditions during the past few weeks have been unsatisfactory it would seem that when we consider conditions in foreign countries and the shortage of livestock animals there, ultimately we may expect a stronger demand and better prices for all of our livestock. Altho we have had good crops in this country we have had really no big surplus crop production. With the exception of corn and potatoes the total production of most of the important farm crops is under the five-year average.

The World's Food Supply

The nations of the world regardless of what may happen must be clothed and fed. No country in the world is better prepared to meet the demand for crop and livestock products than the United States. A large part of Europe's supply must come from this country and as soon as full trade relations are established better markets and better prices will be assured American farmers. This will increase the purchasing power of farmers and this in turn will cause a marked improvement in business of all kinds. The darkest hour has passed and I believe that within a few weeks we may expect a genuine and permanent

business revival thruout the world. Crop conditions in Kansas are quite satisfactory. In the weekly report of the Kansas state board of agriculture and the Kansas State Farm Bureau for the week ending December 4, J. C. Mohler, secretary of the board, says:

"Cloudy and dismal weather prevailed in the eastern and central sections of the state during most of the past week but sunshiny conditions existed in the more western portions. During the first part of the week from 1/2 to 1 1/2 inches of rain fell in the eastern third with 3/4 inches in the north central part and a general snow fell over the central and a few of the northwestern counties. Temperatures have not been low, very little freezing occurring. The soil in all sections is well supplied with moisture except possibly some portions of the northwest. Near the Missouri border a few counties report the ground as very wet, in fact too wet for work.

"Wheat continues in very good condition. In the eastern part it is nearly all advanced far enough for pasture, and in the more central sections from 60 to 80 per cent has attained a sufficient growth for this purpose. In the southwest the wheat is growing slowly and many cases of poor stands are reported.

Corn Husking Not Finished

"Corn husking is still the most important work but farmers are very greatly discouraged by the poor market prices. Rooks county is badly in need of help for this work and reports places open for 100 men, the farmers paying 7 cents a bushel for husking. The wet weather delayed the work somewhat this week but it is more than half finished in all parts of the state. County agents report that corn prices in the eastern part of the state are 35 cents a bushel with kafir 40 cents, oats 45 cents and wheat as low as \$1.25 a bushel. However, very little grain is moving at these prices and many farmers are turning their hogs into the cornfield rather than pay the high prices for shucking. The demand for brood sows is very good and considerable hog feeding will be carried on this winter. Some cattle are being shipped

in but tight money is preventing extensive feeding operations."

Local conditions of crops and farm work in the state are shown in the following reports of the county correspondents of the Kansas Farmer and Mail and Breeze:

Atchison—Farmers are husking corn and the average yield is from 30 to 40 bushels with some fields making as high as 80 bushels. Wheat is excellent. Most of the farmers are holding their wheat for higher prices.—Alfred Cole, December 4.

Barber—We are still having ideal weather. Much of the livestock is fat enough to kill. Wheat is above normal and most of the farmers are pasturing it. Most people are optimistic about prices and believe the bottom has been reached in prices. Scarcity of money is working a greater hardship on the farmers than the low prices as there is absolutely no reason for tight money at this time.—Homer Hastings, December 2.

Chase—The weather has been damp and wet for a week. The roads are in a terrible condition but the ground is in excellent condition for wheat. There is no market for anything except eggs. Feed has begun to rot and there is not enough stock to eat it. Conditions for the farmers are very discouraging.—F. O. Pracht, December 1.

Chautauque—We have been having good weather and husking is nearly completed. Wheat does not look as good as it should. Livestock is doing well but is very cheap and going lower. Meat prices are not down in comparison to the prices farmers get for stock. Farmers are not at all satisfied with the stock situation. Corn is worth 75c; corn chops, 2c; shorts, 2c; mill run, 1.85c; bran, 1.65c; flour, \$5.70 a hundred and hogs are 7 1/2c to 8 1/2c a hundred.—A. A. Nance, December 4.

Clay—Eighty per cent of the corn is gathered and farmers are working some on the roads. Just a few farmers are feeding cattle this winter and that at a heavy loss. Groceries have dropped 15 per cent; meats, 25 per cent; shoes, 20 per cent; clothing, 33 1/2 per cent; labor, 10 per cent to 50 per cent; hardware, implements, furniture and coal are high; wheat has dropped 20 per cent to 50 per cent. Wheat is worth 1.35c; corn, 55c; flour, \$2.50; bran, 1.50c; poultry, 17c; turkeys, 30c; cattle, 1.50c; butterfat, 37c; and eggs are 72c; hides, 4c; hogs, \$7.75; oats, 45c; shorts, 1.90c.—P. R. Forslund, December 4.

Edwards—The weather continues to be unusually warm for this time of the year. About 1/2 inch of moisture fell November 28 which has delayed corn husking at least a week. Farmers are much concerned over the low prices of farm products which were produced at a high cost. The following low levels were reached this week: Wheat, 1.30c; kafir, 25c; cane, 15c, but no demand and as a result some farmers are quitting.—L. A. Spitz, December 4.

Elk—The weather for the past 10 days has been very warm and damp. Corn husking is about 50 per cent completed and has been retarded somewhat on account of wet fields. Stock of all kinds is in good condition on account of good weather and plenty of feed. Shipments of feeders from the market are more plentiful of late. Public sales are not as numerous as usual for the fall months and prices are very low. No wheat is going to market. A few sales on small amount of new corn are bringing 45c and 50c a bushel.—D. W. Lookhart, December 4.

Ellis—We had a 2-inch snow November 29. Some of the late sown wheat is not up yet. Very little threshed wheat is going to market on account of the low price. Wheat sells for \$1.50; flour, \$4.50; shorts, 1.75c; corn, 85c; cream, 55c, and eggs are 55c.—C. F. Erbert, December 4.

Greenwood—November was a very cloudy,

rainy and foggy month with about the average rainfall but this month has been fair and warmer. Wheat looks good. Stock is doing well. There will not be much feed feeding this winter. Hogs are scarce. No wheat is being marketed at present prices. Corn is worth 50c; butterfat, 50c, and eggs are 60c.—John H. Fox, December 4.

Kearney—We have been having good weather and there has not been any snow this fall. Stock is in stalk fields and is doing excellent. Farmers are hauling beets. Butterfat sells for 53c; eggs, 60c; sugar beets, \$8 to \$9 a ton.—Cecil Long, November 27.

Marion—We have had rain and snow this week and the roads are in a terrible condition. Farmers are pasturing wheat and corn stalks. The corn has not all been husked and 8c is paid for husking. Very few public sales have been held. There are many bargains at stores. Wheat is worth \$1.35; corn, 40c, and eggs are 75c.—G. H. Dyck, December 3.

Morris—The moisture and warm weather of the past week has been excellent for the wheat. Corn husking and kafir threshing have been at a standstill for 10 days on account of the rain and mud. The quality of the corn is good and is averaging about 30 bushels. Kafir is better than it is some years. There are very few hogs in the county and not as many cattle as usual. Corn is worth 45c; wheat, 1.35c; kafir, 35c, and hogs are 9c.—J. R. Henry, December 4.

Nemaha—A continuous down pour of rain for two days and nights has thoroughly soaked the ground. We have not had any snow. Wheat is excellent and most of it is large enough for pasture. Stock is in good condition. Farmers are husking corn. Corn is worth 60c; butterfat, 50c; sugar, \$3.30, and eggs are 65c.—A. M. McCord, November 30.

Norton—We are having excellent weather for husking corn and the yield is good. A number of cattle are on feed as other farms are going down daily as well as other farm products. There is not much land selling at present and it is expected that town property and farms will slump heavily in the next year. Public sales are at an end for this season, because of the steady decline in prices of farm stock. Cobs from the good corn crop will save burning \$16 coal.—Samuel Teaford, December 2.

Ness—Corn is yielding about 25 bushels an acre. Owing to the invasion of the Hessian fly there was little early sown wheat this year and therefore our wheat pasture is below the minimum. Altho there is an abundance of forage there are few cattle being held over. Practically all of the wheat is sold out of the fields but there is about 40 per cent of the 1920 wheat crop in the farmers' bins, and as the price is below the cost of production they seem to be determined to hold for a higher price. The new wheat crop is very uneven due to lack of moisture at the fly-free date, only about one-half of it coming up and the remainder after the late October rains. Wheat is selling at 1.25c; corn, 50c; butterfat, 48c, and eggs are 63c.—L. B. Mettlen, December 4.

Osborne—Farmers have their wheat in bins and are not going to sell until the market is high enough to cover cost of production. Elevators are empty. Corn husking is being rushed. Wheat looks good and livestock is healthy and doing well. Corn is worth 50c; wheat, 1.30c.—W. F. Arnold, December 3.

Pottawatomie—The rain of the past week has put the wheat in good condition for winter. Most of the corn is in the crib and the price is very unsatisfactory. There is not much stock or grain going to market at present prices as it is considerably below cost of production. The roads are very muddy. Corn is worth 50c; wheat, 1.60c; butter, 60c, and eggs are 65c.—F. E. Austin, December 2.

Rawlins—We had an excellent rain and some snow the past week which was the first snow this winter. The ground is not frozen and all the moisture went into the ground which will give the wheat another good start. Wheat is worth from \$1.15 to \$1.35; corn, 35c; eggs, 70c; the first time in my memory that you could get 2 bushels of corn for 1 dozen eggs.—A. Madison, November 30.

Riley—Corn husking is still in progress. There is about 25 per cent of the corn to be shucked yet. Fields are very muddy and only small loads can be pulled out at a time. The weather is warm and cloudy. The wheat fields are green but most of it is small. There is not much wheat or corn going to market as the prices are too low. The roads are muddy and there is very little travel. Wheat sells for \$1.50; corn, 45c, and eggs are 67c; hogs, 9c.—P. O. Hawkins, December 4.

Rush—We have had freezing weather for the past few days with a cold rain turning to snow. A fine blanket of snow covered the ground on November 29. The fields are too wet to pasture now. Farmers have nearly completed husking corn. All kinds of stock are doing well but they are cheap and there is no market for them. Wheat sells for \$1.40; corn, 35c; hogs, 9c; butter, 65c; butterfat, 51c; eggs, 65c.—A. E. Grunwald, December 1.

Sheridan—We have been having excellent fall weather. Farmers are husking corn. There is plenty of moisture to put the wheat in good condition for winter. Wheat is worth \$1.25; corn, 50c; cream, 52c; poultry from 8c to 12c and eggs are 42c.—L. E. Patterson, December 3.

Stafford—We have been having ideal weather for this time of the year. Cattle and horses are doing well on wheat pasture. Hog cholera is still raging over a large part of the county. Very little wheat is going to market. Not many public sales have been held. Wheat sells for \$1.50; corn, 45c; alfalfa hay from \$15 to \$22.—H. A. Kachelman, December 4.

Wyandotte—Farmers are shucking corn and the average yield is 50 bushels. Wheat looks good and pastures are still green. There is plenty of moisture. Very few farm sales have been held and prices are not satisfactory. Corn is worth 60c and apples are \$1.50 to \$2.50; potatoes, \$1.70.—A. C. Espenlaub, November 30.

New Kansas Angus Herd

F. J. Gugler, Chapman, Kan., has just started in the Aberdeen-Angus breeding business and has laid in his foundation of 23 yearling heifers which he obtained from A. J. Schuler, of the same town.

The growth of the farm bureau movement is a mighty encouraging thing in the progress of farm life in the Middle West. Every county should be organized.

Kansas Poultry and Eggs

BY S. D. FLORA

Meteorologist, Kansas State Board of Agriculture

THE HELPFUL HEN adds an average of 14 million dollars to the wealth of Kansas every year, which is greater than the value of the entire wheat crop in the early 90's and exceeds the value of the combined rye and barley crops at the present time. Chickens use a great deal of what would otherwise be waste products and the poultry and egg crops are two that never fail the Kansas farmer on account of drouths, hot winds, or unseasonable frosts. With a case of eggs worth as much as a load of corn at present prices and Christmas poultry quoted at a price a pound that would make a hog raiser dizzy, it is well to remember the old adage about not despising the day of small things.

The most important poultry and egg counties—where the annual return from this source has exceeded \$200,000 for the past five years—follows the corn belt closely, as it takes in the northern tier of counties from Brown to the middle of the state and also a strip extending north and south from Washington to Sumner and Cowley counties. Jewell county heads the list with an annual average of \$326,000 worth of poultry and eggs, but it is only one jump ahead of Washington, Marshall, Nemaha, and McPherson counties for the honor.

| Cheyenne | Adair | Decatur | Horton | Phillips | Smith | Jewell | Pottawatomie | Washington | Marshall | Nemaha | McPherson |
|----------|-----------|----------|----------|----------|-----------|-------------|--------------|------------|----------|-----------|-----------|
| 62 | 74 | 116 | 139 | 185 | 242 | 326 | 255 | 325 | 313 | 302 | 200 |
| Cherokee | Franklin | Shawnee | Lincoln | Rock | Doniphan | Butterfield | Clay | Finney | Harvey | Jefferson | Atchison |
| 34 | 38 | 61 | 95 | 134 | 168 | 194 | 216 | 172 | 213 | 217 | 125 |
| Osage | Logan | Dodge | Franklin | Ellis | Nez Perce | Langdon | Stearns | Saline | Decatur | Cherokee | Atchison |
| 14 | 25 | 45 | 59 | 83 | 133 | 181 | 153 | 299 | 75 | 186 | 176 |
| Barber | McPherson | Scott | Lawrence | Ellis | Franklin | Butterfield | Clay | Finney | Harvey | Jefferson | Atchison |
| 5 | 16 | 20 | 32 | 79 | 97 | 150 | 119 | 182 | 140 | 251 | 221 |
| Hamilton | Adair | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin |
| 9 | 12 | 29 | 144 | 83 | 101 | 271 | 183 | 257 | 143 | 111 | 173 |
| Ellis | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin |
| 4 | 6 | 8 | 31 | 83 | 49 | 92 | 123 | 257 | 116 | 156 | 206 |
| Horton | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin | Franklin |
| 4 | 12 | 18 | 44 | 26 | 37 | 76 | 123 | 238 | 202 | 74 | 141 |

This Shows Annual Value in Thousands of Dollars of Poultry and Eggs for Every County in Kansas Averaged for a Period of Five Years.

Sheep Require Good Care

BY A. M. PATERSON

Don't sell the flock of sheep on account of unsettled market conditions of wool and mutton. A great many sheep owners have become panicky due to the low price of wool. However, I believe that things will adjust themselves in time and sheep will continue to be profitable if given the proper care and management.

Most of the efforts that have been put forth in the last six months have been on wool marketing giving no thought to the mutton side of the industry or to the improvement of sheep products. It is true we need to improve our methods of marketing wool. However, of what value are better methods of marketing our sheep products if we do not have a product of the proper kind and quality to demand a fair price.

It is a long time before the next crop of wool will be shorn. However, now is the time to begin to grow and prepare that fleece for the market. The price you receive for wool will depend upon several factors. The quality of the wool is important, but no matter how good the quality of the fleece, if that fleece is not properly grown, cared for, shorn and packed, it will not bring a good price.

After the ewes are bred they are growing their young, growing a crop of wool, maintaining their own body and should be fed accordingly. Give the ewes enough good, nutritious feed to keep them in a good, healthy, thrifty condition. Where pasture is abundant, they will need no other feed, as green feed is the natural and best feed for sheep.

If the grass is scarce and dry some other feed should be added, such as silage, hay, fodder, and if the ewes are thin, a light grain ration would be beneficial. The feed racks and sheds should be arranged to avoid crowding. Where bred ewes are permitted to crowd, a great many times it results in the unborn lamb being killed, which a great many times will cause the death of the mother as well.

The feed rack should be so constructed as to protect the fleece from all chaff and dirt, as chaff and dirt decreases the value of the fleece very materially. If dirt, chaff, and other foreign material is allowed to accumulate in the wool it becomes dead and does not have a very high market value. If sheep are not fed uniformly, the fleece will have weak places, which lowers the strength of the fibre, and therefore lowers the market value.

The breeding flock should have plenty of exercise. No matter how well they are cared for, if they do not have ample exercise the ewes are likely to have very unthrifty lambs. An excellent way to exercise the flock is to scatter out some rough feed away from the sheds every day, and permit them to pick it over.

Sheep do not require expensive buildings, but should have some protection from wet weather. A shed open in the south with a well drained yard is excellent quarters in which to house sheep.

Go over the flock from time to time to determine the condition of the animals. In cases where some of the ewes are getting thin, put them by themselves and give a little extra feed.

Make the flock render a service to the farm by turning waste products into cash, and make the flock of sheep profitable by giving them the proper care and feed.

Scrub Boar Means Scrub Pigs

In the face of present market conditions there may seem little incentive to try to produce better hogs. But the thinking man who produces hogs is inspired by the conditions to put even more than the usual amount of care in the selection of his breeding animals. One bad cross with a poor sire will ruin the feeding stock for a long time. The process of breeding down is much more rapid than the process of breeding up. It would be a serious mistake to lower the standard because the live-stock market is discouraging.

The startling results of crossing an inferior sire on brood sows of good type was a feature of the swine feeders' day at the Iowa State college this fall. Professor Evvard has some breeding experiments underway relating to the types of hogs used for feeding.

A real wild boar, a shaggy animal weighing less than 150 pounds, long of nose and carrying most of his weight on the front quarters, was trotted out before the 300 spectators. It was difficult to trace any relationship between this primitive animal and our modern types of hogs. The next exhibit was a litter of pigs produced by crossing this wild boar on a Poland China sow. The one cross had removed all the distinctive characteristics of the modern type of hog. The four pigs were small, scrawny, wild in appearance, with sloping backs and crooked pasterns. They had been fed a standard ration of shelled corn, tankage, salt and alfalfa meal, but had grown to less than 100 pounds weight in 6 months. Modern type pigs equally well fed would have weighed 175 to 200 pounds at the same age. The lesson was a striking one for it emphasized the principle in breeding that if we desire good animals for feeding we must use sires of good type and pure in-breeding in order to be sure they will transmit their own good qualities to their offspring. "All we have to do is to use poor boars for one generation," said Professor Evvard, "and we have lost all the good points we have spent generations in building up."

Those Fall Pigs

BY CARL P. THOMPSON

All fall pigs probably have been weaned by this time. Fall pigs up to weaning time can be raised with less care and expense than spring pigs. The warm days of September and October with an abundance of green feed for both the sow and pigs made ideal conditions for the production of large litters of healthy, vigorous pigs. Yet despite the fact that the fall litters are in excellent condition at weaning time a large number of them will come out of the winter a sorry looking and expensive bunch of stunted shotes that are difficult to feed out at a profit.

The causes of lack of growth and thrift in the fall pigs are lice, worms, mange, cold, improper feed and lack of exercise. Give the fall pig the run of the farm if possible. He will pick up waste feed and get an abundance of exercise. Keep him on wheat pasture when the ground is not muddy. It will provide him with laxative feed, thus helping to keep him in the best of health. Feed some alfalfa hay in a rack when not on wheat pasture. It is valuable as bran pound for pound.

Keep the pen where the pigs must sleep clean and well bedded. Bedding keeps the pigs warm and comfortable and keeps them from piling up. Bank up the north, east and west side of the sleeping quarters to keep out the cold wind—cold damp winds cause colds and pneumonia.

Keep the pigs free from lice. Apply crude oil once a month or use a good hog dip. Disinfect the sleeping quarters before they go into winter quarters. It prevents lice and mange.

Keep a mixture of 1 bushel of charcoal, 1/2 bushel of salt, 1 peck of wood ashes, 1 gallon air slaked lime, 1 pound copperas and 2 pounds of sulfur before the pigs at all times. They like this mixture and it provides mineral matter and prevents worms.

Feed a growing ration. The pig must grow for several months so give him feed that will make bone and muscle. Skimmilk, tankage, oilmeal, alfalfa hay, peanut meal, and shorts will provide protein feed suitable for hogs. Give them plenty of feed. The pigs should go into the winter carrying considerable fat. It keeps them warm. If you wish to get these pigs in the market at the earliest possible date use a self-feeder, using corn or ground barley and tankage, all free choice.

If you feed a wet feed be sure to warm the water. The following are good rations for fall pigs:

Corn 8 parts, tankage 1 part, ground barley 10 parts, and tankage 1 part, or ground barley or corn 1 part, skimmilk 3 parts, also 9 parts of a grain mixture consisting of equal parts oats, barley, and corn with 1 part tankage.

Feed the pigs all that they will clean up twice daily. Don't stunt them and they will return a profit.

Great progress will be made in the transportation of farm products by trucks in the Middle West in the next few years. This is one of the big economic changes which is coming in agriculture.

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Violin, Hawaiian Guitar, Ukulele, Guitar, Mandolin, Cornet, Tenor Banjo or Banjo. Wonderful new system of teaching note music by mail. To first pupils in each locality, we give a \$20 superb Violin, Mandolin, Ukulele, Guitar, Hawaiian Guitar, Cornet, Tenor Banjo or Banjo absolutely free. Very small charge for lessons only. We guarantee success or no charge. Complete outfit free. Write now. No obligation. SLINGERLAND SCHOOL OF MUSIC, Inc. Dept. 695 CHICAGO, ILL.

FREE TRIAL

Cut out this ad and mail it to us, with your name and address (no money); and we will send you our FAMOUS KAMAK RAZOR by return mail, postpaid. You may use the razor for 30 days FREE; then if you like it, pay us \$1.35. If you don't like it return it. SEND NO MONEY. MORE COMPANY. Dept. 312 St. Louis, Mo.

Government Overshoes

AT BIG SAVING

Four buckle, all rubber, wool lined overshoes, sizes 8 to 11. Parcel post prepaid \$3.15. Send check or money order. Money refunded if not satisfactory. Sikes Stores Co., Leonardville, Kan.

VIRGIN WOOL YARN

FOR HAND KNITTING, SOLD ONLY

DIRECT FROM MILL TO YOU! Fifty cents a skein—4 skeins, approximately 1 lb., \$2.00. Postage prepaid on all cash sales. SEND TODAY FOR FREE SAMPLES! HOME WOOLEN MILLS ESTABLISHED 44 YEARS 219 Main St. EATON RAPIDS, MICH.

Sweet Clover Seed

White Blossom, Biennial For Samples and Prices Write The Deming Ranch, Oswego, Kan.

Tire Agent

We want one exclusive representative in each locality to use and sell the new Melling Extra-Ty hand made tires. Guarantee Good for 8000 Miles. (No seconds). Shipped prepaid on approval. Sample sections furnished Write quick for dealer-agent offer and prices. MELLINGER TIRE & RUBBER CO. 627 OAK STREET KANSAS CITY MO

"STAMMERING"

Its Cause and Cure

You can be quickly cured. Send 10 cents for 283 page cloth bound book on Stammering and Stuttering. It tells how I cured myself after Stammering and Stuttering for 20 years. BENJAMIN N. BOGUE 5395 Bogue Building Indianapolis, Indiana

Agents for FORD Permanent Non-Skid Chains \$4.00 delivered. Instantly on and off. Big Sales Box B. I., Plantsville, Conn.

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the classified advertising columns. They may save you many dollars.

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Capper's Weekly is the paper everybody is talking about and the paper that has been forging ahead until it has passed all its competitors and is now the leading family paper in America.

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A new serial will begin at an early date and is the liveliest and most thrilling story the Weekly has ever published. This story in book form would cost you \$1.75. You can read this story in Capper's Weekly by sending only 25 cents which will pay your subscription for a term of four months. Mail order blank today.

Capper's Weekly, Topeka, Kan.

Enclosed find 25 cents for which please send me Capper's Weekly for a term of four months, as per your special offer. M & B

Name Address

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Rate: 12 cents a word, each insertion, on orders for less than four insertions; four or more consecutive insertions the rate is 10 cents a word. Count as a word each abbreviation, initial or number in advertisement and signature. No display type or illustrations admitted. Remittances must accompany orders. Real estate and livestock advertising have separate departments and are not accepted for this department.

TABLE OF RATES

| Words | One time | Four times | Words | One time | Four times |
|---------|----------|------------|---------|----------|------------|
| 10..... | \$1.20 | \$4.80 | 26..... | \$3.12 | \$12.48 |
| 11..... | 1.32 | 5.28 | 27..... | 3.24 | 12.96 |
| 12..... | 1.44 | 5.76 | 28..... | 3.36 | 13.44 |
| 13..... | 1.56 | 6.24 | 29..... | 3.48 | 13.92 |
| 14..... | 1.68 | 6.72 | 30..... | 3.60 | 14.40 |
| 15..... | 1.80 | 7.20 | 31..... | 3.72 | 14.88 |
| 16..... | 1.92 | 7.68 | 32..... | 3.84 | 15.36 |
| 17..... | 2.04 | 8.16 | 33..... | 3.96 | 15.84 |
| 18..... | 2.16 | 8.64 | 34..... | 4.08 | 16.32 |
| 19..... | 2.28 | 9.12 | 35..... | 4.20 | 16.80 |
| 20..... | 2.40 | 9.60 | 36..... | 4.32 | 17.28 |
| 21..... | 2.52 | 10.08 | 37..... | 4.44 | 17.76 |
| 22..... | 2.64 | 10.56 | 38..... | 4.56 | 18.24 |
| 23..... | 2.76 | 11.04 | 39..... | 4.68 | 18.72 |
| 24..... | 2.88 | 11.52 | 40..... | 4.80 | 19.20 |
| 25..... | 3.00 | 12.00 | | | |

RELIABLE ADVERTISING

We believe that every advertisement in this department is reliable and exercise the utmost care in accepting classified advertising. However, as practically everything advertised in this department has no fixed market value, and opinions as to worth vary, we cannot guarantee satisfaction. We cannot guarantee eggs to reach the buyer unbroken or to hatch, or that fowls or baby chicks will reach the destination alive. We will use our offices in attempting to adjust honest disputes between buyers and sellers, but will not attempt to settle minor disputes or bickerings in which the parties have vilified each other before appealing to us.

Special Notice All advertising copy discontinuance or change of copy intended for the Classified Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

EMPLOYMENT

\$170 MONTH AVERAGE. RAILWAY MAIL clerks, hundreds wanted. List positions free. Write immediately. Franklin Institute, Dept. F-15, Rochester, N. Y.

WANTED—1,500 RAILWAY TRAFFIC IN- spectors; no experience; train for this profession thru sparetime home study; easy terms; \$110 to \$200 monthly and expenses guaranteed, or money back. Outdoors; local or traveling; under big men who reward ability. Get Free Booklet G-27, Standard Business Training Inst., Buffalo, N. Y.

HANDLE MORE BUSINESS? ARE YOU getting all the business you can handle? Is not get big results at small cost by running a classified ad in Capper's Weekly. The Great News Weekly of the Great West with more than two million readers. Sample copy free for the asking. Only 15c a word each week, 12c per word on four consecutive time orders. Send in a trial ad now while you are thinking about it. Capper's Weekly, Topeka, Kan.

AGENTS

AGENTS—QUICK SALES. BIG PROFITS. Orders in every home for our beautiful dress goods, silks and general yard goods. Large book samples free to agents. Write today for particulars. National Importing & Mfg. Co., Dept. P. A. D., 426 Broadway, N. Y.

SERVICES OFFERED

PATENTS. BOOKLET AND ADVICE free. Watson E. Coleman, Patent Lawyer, Pacific Building, Washington, D. C.

TOBACCO OR SNUFF HABIT CURED OR no pay, \$1 if cured. Remedy sent on trial. Superba Co., Sy. Baltimore, Md.

MAN WITH FAMILY WANTS PLACE BY year as manager or farmer. Stock farm preferred. References, exchanged. G. F. Hanna, Arkansas City, Kan.

LET US TAN YOUR HIDE. COW, HORSE, or calf skins for coat or robe. Catalog on request. The Crosby Frisian-Fur Co., Rochester, N. Y.

VEIL MATERNITY HOSPITAL FOR YOUNG women, before and during confinement; private; terms to suit; babies adopted free. Mrs. C. M. Janes, 15 W. 21st, Kansas City, Mo.

INVENTORS WRITE FOR OUR ILLU- strated book and evidence of conception blank. Send model or sketch for our opinion of its patentable nature. Highest references, prompt service. Reasonable terms. Victor J. Evans & Co., 825 Ninth, Washington, D. C.

HIGH PRICES PAID FOR FARM AND dairy products by city people. A small classified advertisement in the Topeka Daily Capital will sell your apples, potatoes, pears, tomatoes and other surplus farm produce at small cost—only one cent a word each insertion. Try it.

BUSINESS OPPORTUNITIES

COLLECTIONS. ACCOUNTS. NOTES, claims collected everywhere on commission; no collection, no pay. Allen Mercantile Service, 252 Lathrop Bldg., Kansas City, Mo.

HANDLE MORE BUSINESS? ARE YOU getting all the business you can handle? Is not get big results at small cost by running a classified ad in Capper's Weekly. The Great News Weekly of the Great West with more than a million and a half readers. Sample copy free for the asking. Only 12c a word each week, 10c per word on four consecutive orders. Send in a trial ad now while you are thinking about it. Capper's Weekly, Topeka, Kan.

DON'T WASTE YOUR SPARE TIME—IT can be turned into money on our easy plan. We have a splendid offer for ambitious men or women who desire to add to their present income, and will give complete details on request. Simply say, "Tell me how to turn my spare time into dollars" and we will explain our plan completely. Address, Circulation Manager, Capper Publications, Topeka, Kan.

SALESMEN

FARMER DISTRICT SALES MANAGERS, big money making proposition to competent men, employ your spare time. You will soon give it all your time. Don't overlook this opportunity. Write for particulars. Drawer 1109, Kansas City, Mo.

EDUCATIONAL

FINLAY ENGINEERING COLLEGE, KAN- sas City, Mo. Mechanical, electrical, amateur winding, auto-elec. 6 weeks to 2 years. Write for catalog. Enroll any time.

FOR SALE

TYPEWRITER FOR SALE. TRIAL AND payments. J. Yotz, Shawnee, Kan.

SMALL NATIONAL CASH REGISTER, typewriters of all kinds cheap. Fort Scott Typewriter Exchange, Fort Scott, Kan.

FOR XMAS—A BOX MISTLETOE AND holly, \$3. Cedar tree, \$2. Order early. Powell, Box 301, De Queen, Ark.

WRITE FOR DELIVERED PRICES ON cedar posts. Pay after unloading. J. B. Overton, Sandpoint, Idaho.

PHONOGRAPH OWNERS, SEND DIME FOR wonderful semi-permanent point needle sample. Plays many records. Fuller, Wichita, Kan.

MACHINERY

FOR SALE—REBUILT 4 HOLE MARSEIL- lee sheller, 8 horse Steyer engine. Chas. Genter, Walden, Kan.

FOR SALE—TWO NEW DEEP SOIL DISK plows, \$150 or \$75 for one. J. B. Jordyce, Box 699, Hot Springs, Ark.

FOR SALE OR TRADE—SANDWICH HAY press 17-22. Good as new. Address "Hay Press," care Kansas Farmer and Mail and Breeze.

FOR SALE OR TRADE FOR LIVESTOCK— One 8-16 Avery tractor in fair condition; one 12 foot combined McCormick harvester-thresher in perfect running order. Harry W. Mollhagen, Bushton, Kan.

FOR THE TABLE

FOR HONEY. COUNTRY SORGHUM, spuds, onions. Write J. M. Lancaster, Greeley, Colo.

PURE ALFALFA HONEY, 120 LBS., \$24; 10 lb. pails, \$2.30. E. C. Polhemus, Lamar, Colo.

PURE EXTRACTED WHITE HONEY, 60 pound can, \$14.50; two, \$26.75; freight prepaid west of Mississippi. Harry Sanders, 3516 Clayton Street, Denver, Colo.

NEW CROP TABLE RICE, PRODUCER TO consumer, 100 pounds beautiful clean white new crop table rice in double sacks, freight prepaid to your station, \$8.50. J. Ed. Cabanis, Box 90, Katy, Tex.

PRODUCING HIGH GRADE HONEY AND selling it direct to consumers is our business. Write for prices and particulars. Frank H. Drexel & Sons, Crawford, Colorado.

"THEBESTO" ROCKY MOUNTAIN HONEY, light colored, thick, fine flavored. Per can, five pounds net, postpaid anywhere west of Ohio river, \$1.50. Send remittance with order. The Colorado Honey Producers' Association, Denver, Colo.

HONEY—A CAR OF WESTERN COLO- rado comb and extracted honey, 60 lb. can, \$12; two 60 lb. cans, \$23. Comb honey in two tier glass front shipping cases, 24 sections to case, \$7.50 per case f. o. b. Concordia, Kan. Send all orders to H. E. Hutchison, 216 W. 6th St., Concordia, Kan.

BLACK WALNUTS FOR SALE—8 LBS., postage prepaid, for \$1; 19 lbs., \$2. By express or freight, purchaser to pay charges, 40 lbs., \$3.50; 100 lbs., \$8. These are nice, clean new crop walnuts. Superior in flavor to English walnuts, at one fourth the cost. Henry Jefferies, Ottawa, Kan.

MISCELLANEOUS

WANTED—5,000 PHONOGRAPH OWNERS to buy Columbia records at 23 cents; December records now out. Mid-West Music Shop, Lawrence, Kan.

SEEDS AND PLANTS

600 TONS No. 1 ALFALFA HAY. ARGUS Lund, Route 3, Weiser, Idaho.

POPCORN, \$7 100; \$4 50 LBS. H. C. HAYS, Manhattan, Kan.

STRAWBERRY PLANTS, \$3 PER 1,000. List free. J. Sterling, Judsonia, Ark.

SHELLED POPCORN, YELLOW, \$5 FOR 100 lbs.; \$1.50 25 lbs. S. C. Sykes, Scranton, Kan.

POPCORN, YELLOW EAR, 100 LBS., \$5.50; 50 lbs., \$3. Sudan corn, 6c pound. Edward Anderson, Jamestown, Kan.

SHELLED, RECLEANED, GRADED, 95%+ popping pop corn, at 5 cents pound, f. o. b. Rolla, S. J. Willets, Rolla, Kan.

WANTED—ALFALFA SEED, HIGH GRADE. Send stamp stating quantity. Mitchellhill Seed Co., St. Joseph, Mo.

ALFALFA SEED, 95% PURE, \$7.50 PER bushel my track. Geo. Bowman, Concordia, Kan.

SUDAN, \$7 CWT.; ALFALFA, \$10; TIMO- thy, \$3.50. Other seeds at 50% less than wholesale. Reliable Seed Co., Salina, Kan.

HUCKLEBERRY—LARGE, DOMESTIC, seedless, sweet. Liberal package hearing plants. Parcel post, \$1. Winter planting. Educational Promoting Company, Warren, Pa.

STRAYED

TAKEN UP BY S. B. DRYDEN OF ALBION township, Barton county, Kansas, on the 29th day of October, 1920, one 2-year-old red steer, no brand or marks. W. E. Beardsley, County Clerk, Great Bend, Kan.

TOBACCO

KENTUCKY HOMESPUN TOBACCO, 10 lbs., \$3; 20 lbs., \$5. Rufe Veal, Jonesboro, Ark.

LIVESTOCK COMMISSION FIRMS

SHIP YOUR LIVE STOCK TO US—COMPE- tent men in all departments. Twenty years on this market. Write us about your stock. Stockers and feeders bought on orders. Market information free. Ryan Robinson Commission Co., 425 Live Stock Exchange, Kansas City Stock Yards.

BUILDING SUPPLIES

LUMBER AND BALE TIES. HALL-McKEE, Emporia, Kan.

PET STOCK

CAVIES, EXTRA FINE, STATE FAIR WIN- ners. Fred Allee, Topeka, Kan.

GUARANTEED SINGING CANARIES. Reply stamps. Mrs. Ed Shreck, Colony, Kan.

ROLLER CANARIES, PARROTS, GOLD- fish, puppies, all breeds, pets all kinds. Supplies. Catalog free. K. C. Bird Store, Dept. B, 1421 Main Street, Kansas City, Mo.

POULTRY

ANCONAS

PURE BRED ANCONA COCKERELS, \$2. A. O. Keefe, Route 2, Topeka, Kan.

SINGLE COMB ANCONA COCKERELS, good laying strain, \$3. Carl Stirtz, Abilene, Kan.

EXTRA GOOD SINGLE COMB ANCONA cockerels, \$3 to \$5. Also hens and pullets. Julia Ditto, R. 7, Newton, Kan.

PURE SHEPHERD STRAIN SINGLE COMB Ancona cockerels, \$4. Dale Good, Parkerville, Kan.

BABY CHICKS

BABY CHICKS—ALL LEADING VARIE- ties from tested stock. Postpaid. Live arrival guaranteed. Reasonable prices. Send today for large illustrated catalog and valuable poultry book, both free. Superior Hatcheries, Windsor, Mo.

DUCKS

WHITE PEKIN DRAKES, \$2; DUCKS, \$1.75. Ed Streckfus, Assaria, Kan.

BUFF ORPINGTON DUCKS, \$2. EACH. Lawrence Bailey, Kinsley, Kan.

MAMMOTH PEKIN DUCKS AND DRAKES. Hugo A. Kunze, Winkler, Kan.

LANGSHANS

PURE BRED WHITE LANGSHAN COCK- erels, \$2 each. James Dimitt, Lyons, Kan.

BLACK LANGSHAN COCKERELS, \$3 EACH. Mrs. F. W. Schaefer, Yates Center, Kan.

BIG BLACK LANGSHANS, BEST LAYERS and show stock. Osterfoss, Hedrick, Ia.

LARGE GLOSSY BLACK LANGSHAN cockerels, \$3 to \$5. Mrs. Eliza Ashby, R. 2, Baldwin, Kan.

PURE BRED BLACK LANGSHAN COCK- erels from 275-egg strain at \$2.50, \$3, until Jan. 1. Pease Ranch, Simla, Colo.

PURE BRED, LARGE BONED BLACK Langshan pullets, \$1.50; cockerels, \$2; cocks, \$4. Freda Peckenpugh, Lake City, Kan.

LEGHORNS

SINGLE COMB BUFF LEGHORN COCK- erels, \$1.50. E. Heinen, Broughton, Kan.

SINGLE COMB WHITE LEGHORN COCK- erels, \$2. John Eubanks, Holton, Kan.

HANDSOME WHITE LEGHORN COCK- erels, \$2. Helen Mallam, Soldier, Kan.

PRIZE WINNING WHITE LEGHORN cockerels. W. R. Hildreth, Oswego, Kan.

BUFF LEGHORN HENS. G. WICKHAM, Anthony, Kan.

SINGLE COMB WHITE LEGHORN COCK- erels, \$2 each; 6 for \$10. Mrs. Henry Peterson, Mahaska, Kan.

PURE SINGLE COMB BROWN LEGHORN cockerels, \$1.50 each. Ed Streckfus, Assaria, Kan.

EXTRA FINE SINGLE COMB BROWN Leghorn cockerels, \$1.50 each. Chas. Dorr, Osage City, Kan.

SINGLE COMB WHITE LEGHORN COCK- erels, good ones, \$2 each. Mrs. James Atkin, Severy, Kan.

ROSE COMB BUFF LEGHORNS, COCK- erels, pullets and hens, \$1.50 each. Willow Spring Ranch, Emmett, Kan.

CHOICE SINGLE COMB WHITE LEG- horn cockerels, big English type, \$5 and \$7. Joe Bodde, Dunavant, Kan.

PURE BRED R. C. W. LEGHORN COCK- erels, \$3 each. F. W. Cornell, Wakefield, Kan.

SINGLE COMB BROWN LEGHORN COCK- erels, \$1.50; pullets, \$1. Daisy VanTuyt, Burns, Kan.

40 PURE BRED SINGLE COMB BROWN Leghorn hens, hatched May, 1919, \$1 each. Joseph E. Steiner, Blissworth, Kan.

SINGLE COMB BUFF LEGHORN COCK- erels, \$2; Barred Rock pullets, \$1.50. W. E. Daniels, Scranton, Kan.

WHITE LEGHORN COCKERELS FOR sale. Fine laying strain. \$2 and \$3 each. Virgel Taylor, Holton, Kan.

THOROUGHBRED SINGLE COMB BUFF Leghorn cockerels, \$1.50 and up. Mattie Johnston, Grantville, Kan.

CHOICE SINGLE COMB BROWN LEG- horn cockerels, \$15 per dozen or \$1.50 each. E. H. Erickson, Olsburg, Kan.

CHOICE BUFF LEGHORN COCKERELS, \$2.50. Mrs. Chas. Yost, Route 5, Belle-ville, Kan.

LEGHORNS

S. C. WHITE LEGHORN BARRON COCK- erels, \$4 each. Mrs. Soth, Sedgwick, Kan.

SINGLE COMB BROWN LEGHORN COCK- erels, \$1.50. Sam Brehm, 1000 9th, East, Hutchinson, Kan.

SINGLE COMB WHITE LEGHORNS, Ferris strain cockerels, \$2.25; pullets, \$2. Ida Ray, Wilmore, Kan.

SINGLE COMB WHITE LEGHORN COCK- erels, \$2 and \$3 each. Young strain. Mrs. Ray Willour, Route 2, Ransom, Kan.

ROSE COMB WHITE LEGHORN COCK- erels and cocks, \$1.50 each. Mrs. Sadie Supple, Michigan Valley, Kan.

ROSE COMB BROWN LEGHORN COCK- erels, \$1.25. Nora Harvey, Saffordville, Kan.

PURE BRED SINGLE COMB BUFF LEG- horn cockerels for sale, \$1.50 and \$2. W. T. Akers, Langdon, Kan.

YESTERLAI SINGLE COMB WHITE Leghorn yearling hens and cockerels, \$1.75. E. W. McHenry, McLouth, Kan.

FOR SALE—PURE BRED SINGLE COMB Brown Leghorn cockerels, April and May hatch, \$1.25 each. J. F. McCormick, Blaine, Kan.

DECEMBER SALE, WILSON'S BUFF LEG- horns, America's best egg breeding. Fully developed solid colored, husky range cockerels, \$3 and \$5. Herb Wilson, Holton, Kan.

PURE SINGLE COMB BROWN LEGHORN cockerels, \$1.50 each. Early hatch. Right color, right size. Mrs. Roy C. Paul, Mildred, Allen county, Kan.

ENGLISH S. C. W. LEGHORNS. TRAP- nest bred to record 300 eggs. Cockerels, Bargain. Formerly of Melvern, Kan. Geo. Patterson, Richland, Kan.

265-300 EGG FERRIS, SINGLE COMB White Leghorn cockerels. March hatch, cheap at \$5 each while they last. Students American Poultry School. Mr. and Mrs. J. N. York, Greensburg, Kan.

SINGLE COMB WHITE LEGHORNS— Trap-nest, bred to record 278 eggs; winners sweepstakes, silver cups Kansas City, Topeka; 300 egg-bred hens for sale, \$2.25 each; grand cockerel, \$2.25 to \$5; they are going fast; list free. Dr. C. E. Ackerman, Stewartville, Mo.

MINORCAS

SINGLE COMB BLACK MINORCA COCK- erels, \$3. Henry Schumaker, Clifton, Kan.

ROSE COMB BLACK MINORCA COCK- erels, \$2 each. Arthur Edmiston, Americus, Kan.

ORPINGTONS

CHOICE SINGLE COMB BUFF ORPIN- ton cockerels. L. F. Lantz, LaJunta, Colo.

THOROUGHBRED SINGLE COMB BUFF Orpington cockerels, March hatch, \$3 each; hens, \$2. Russell Weiler, Grantville, Kan.

PURE BRED S. C. BUFF ORPINGTON cockerels, two for \$5; five for \$10. Mrs. J. F. Zeller, Manning, Kan.

SINGLE COMB WHITE ORPINGTON cockerels, \$3.50 each. Charles Phillips, Tescott, Kan.

PLYMOUTH ROCKS

BUFF ROCK COCKERELS. WILLIAM A. Hess, Humboldt, Kan.

BUFF ROCK COCKERELS, \$2.25 EACH. J. H. Mellenbruch, Morrill, Kan.

WHITE ROCK HENS, PULLETS, COCK- erels. F. E. Mosher, Route 1, Ottawa, Kan.

PURE BRED WHITE ROCK COCKERELS, \$4. Mrs. Elwin Dales, Eureka, Kan.

PURE BRED BARRED ROCK COCK- erels, \$3. Dale Good, Parkerville, Kan.

BARRED ROCKS, 80 PREMIUMS. MATTIE A. Gillespie, Clay Center, Kan.

BUFF ROCK COCKERELS. GEO. R. Scherman, Olathe, Kan.

FINE WHITE ROCK COCKERELS, \$1.50 and \$2. Howard Steele, Gridley, Kan.

PURE BRED WHITE ROCK COCKERELS, \$4 each. Sylvia Coulter, Route 3, Burlington, Kan.

FOR QUICK SALE—PARKS BARRED Rocks. Fine large cockerels, \$3; pullets, \$2.50. Stella Lamoree, Burden, Kan.

BRED TO LAY BARRED ROCKS, COCK- erels, \$3; hens, \$2.50; eggs, 100, \$8. Mrs. J. B. Jones, Abilene, Kan.

FINE LARGE PURE BRED WHITE ROCK cockerels and pullets. Cockerels, \$3; pullets, \$2.50. Mrs. E. Vancura, Tescott, Kan.

BARRED ROCKS, GUARANTEED, MAM- moth, laying, exhibition strain. Circular free. Dr. McCosh, Randolph, Kan.

BUFF ROCK COCKERELS. QUALITY good. Prices reasonable. Emery Small, Wilson, Kan.

PURE BARRED ROCKS; GOOD WINTER layers; range. Pullets, \$2; cockerels, \$2 and \$2.50. Mrs. S. VanScovoe, Oak Hill, Kan.

PURE BARRED ROCK COCKERELS, vigorous, farm raised, \$2 until December 1. Mrs. H. Buchanan, Abilene, Kan.

RHODE ISLANDS.

ROSE COMB RED COCKERELS, \$1.50. E. W. Rabenkamp, Hooker, Okla.

PURE I. W. BEAN, R. C. RED COCKERELS, \$1. Dale Good, Parkerville, Kan.

R. C. R. I. WHITE COCKERELS, \$5 EACH. Ada Ralstin, Fowler, Kan.

BARGAINS, BIG LONG, DARK VELVETY Rose Comb Reds, Winners, Sunnyside Farm, Havensville, Kan.

ROSE COMB RED COCKERELS, PRICES reasonable. Mrs. Milton Grandle, McCune, Kan.

SINGLE COMB REDS, FIRST PRIZE winners at Chicago and Kansas City. Fine cockerels. H. A. Meier, Abilene, Kan.

DARK ROSE COMB RED COCKERELS, Tompkins, Meyer & Carver-ancestry, \$3.50 each. Oscar Erickson, Leonardville, Kan.

PURE BRED R. C. R. COCKERELS, Extra good. \$2 and \$3 each. J. F. Kramer, Marquette, Kan.

QUALITY SINGLE COMB WHITE LEG-horns, Layers. Early cockerels. Classy. Mrs. Albert Ray, Delavan, Kan. Specialist.

PURE BRED S. C. RHODE ISLAND RED cockerels. Mrs. Jake Blickenstaff, Quinter, Kan.

PURE BRED, LARGE DARK RED, EITHER comb cockerels, \$1.50 and \$2.50. Freda Pickenpaugh, Lake City, Kan.

ROSE COMB RHODE ISLAND WHITE cockerels, \$2.50 each. Mrs. Lloyd Kimball, Manchester, Kan.

DARK ROSE COMB RHODE ISLAND RED cockerels, \$3 each. Chas. E. Booth, Parsons, Kan.

RHODE ISLAND RED COCKERELS, RICK-ocker-Poorman strains, \$2.50 to \$5. Nell Kimble, Carbondale, Kan.

R. C. RHODE ISLAND RED COCKERELS, \$2 up. Guaranteed stock. Chas. D. Williams, Silver Lake, Kan.

GOOD SCORINGS, DARK RED ROSE COMB Reds, laying strain, guaranteed. Highland Farm, Hedrick, Ia.

ROSE COMB RED COCKERELS, BIG DEEP red ones, sired by \$50 males, \$3, \$5, \$7. Mrs. E. F. Lant, Dennis, Kan.

SINGLE COMB RHODE ISLAND RED cockerels that characterize true reds. Mahood strain. Mrs. E. S. Monroe, Ottawa, Kan.

DARK S. C. RED COCKERELS FROM panned stock, \$2.50 until Dec. 15. Mrs. Ber Anderson, R. 3, Blue Mound, Kan.

SINGLE COMB RHODE ISLAND RED cockerels and pullets. Size and color good. Price \$3 to \$7. J. C. Johnson, Mt. Hope, Kan.

EXTRA CHOICE S. C. R. I. RED COCK-ers, hens and pullets from "White's lay-ing strain." \$5 and \$10. Prize winners. H. L. White, 1803 Ontario, Omaha, Neb.

SINGLE COMB REDS, MAHOOD STRAIN, cockerels, \$3 and \$5 each; also a few good hens at \$2.50 each. Thos. Turner, Sabatha, Kan.

HARRISON'S EXHIBITION EGG STRAINS. Single and Rose Comb Reds. Special cock-erels. Robert A. Harrison, College View, Mo.

TURKEYS.

WHITE HOLLAND TOMS, \$9; HENS, \$6. W. Holler, Protection, Kan.

BOURBON RED TOMS, \$8 EACH. Frank Pray, Abilene, Kan.

MAMMOTH BRONZE TOMS, \$10; HENS, \$8. Mr. M. C. Smith, Mullinville, Kan.

PUZZLE TOMS, \$10. HENS SOLD. Mrs. Hudson, Smith Center, Kan.

YOUNG WHITE HOLLAND TOMS, \$8. Mrs. S. F. Crites, Florence, Kan.

BRED BOURBON RED TOMS, \$7.50; HENS, \$5.50. Rosa Talbott, Stratton, Colo.

BRED BOURBON REDS FOR SALE. \$8; hens, \$6. George Forney, Goodland, Kan.

BRED NARRAGANSETT TURKEYS. \$8; hens, \$6; toms, \$9. Mrs. E. Perrigo, Mo-ham, Kan.

THOROUGH BRED NARRAGANSETTS. \$10; hens, \$6.50. John Dally, Fells-burg, Kan.

BOURBON RED TURKEYS, TOMS, \$10; HENS, \$7 and \$8. Mrs. D. H. Noggle, Madison, Kan.

MAMMOTH BRONZE TURKEYS, GOLD-Red strain. Fifty cents pound. Viola Stutz, Cimarron, Kan.

EXTRA LARGE CHOICE BOURBON REDS. \$8; hens, \$6. Mrs. R. S. Thurston, R. 2, Natoma, Kan.

PURE BRED BOURBON REDS FOR SALE. \$8; hens, \$6. Anna Simpson, Idalia, Colo.

CHICK BARRED ROCK COCKERELS, \$3 each. Guarantee satisfaction. Must close out. James H. Parsons, Quinter, Kan.

BOURBON REDS WITH WHITE MARK-ing. Toms, \$8; hens, \$4.50. Mrs. Roy Gorman, Coldwater, Kan.

LARGE BOURBON RED TOMS, \$8 AND HENS, \$7. Mrs. Dave Lohrengel, Linn, Kan.

BOURBON RED TOMS, MAY HATCH, \$9; HENS, \$8. From prize winners. Hens, \$6. Not related. Mrs. S. E. Pearl, Lydia, Kan.

BRED TURKEYS FROM PRIZE WIN-ning stock. Toms, \$12 and \$15. Ruby Moore, R. A. Hooker, Okla.

THOROUGH BRED BOURBON RED TUR-keys. Large boned. Toms, \$10; hens, \$6. George Kleiner, Jewell, Kan.

MAMMOTH BRONZE TURKEYS FROM 25 pound hens to 40 pound toms. Pullets, \$7; toms, \$10. Mrs. Artley Gardner, Leoti, Kan.

GIANT BRONZE TURKEY TOMS, \$7; HENS, \$4.50. Mrs. W. R. Gorsuch, Leoti, Kan.

BRED BOURBON RED TURKEYS. \$8; hens, \$6. Mrs. Clarence Smith, Phillipsburg, Kan.

GIANT BRONZE TURKEYS, EXTRA large stock, prices reasonable. E. Bidle-son, Hays, Kan.

NARRAGANSETT TURKEY TOMS, LARGE \$10; HENS, \$10. Nora Harvey, Saffordville, Kan.

BRED NARRAGANSETT TURKEYS, \$8 each. Nellie Petterson, Asherville, Kan.

BRED MAMMOTH BRONZE TUR-keys. Sent on approval. Mrs. M. E. Kava-nagh, Belleville, Kan.

BOURBON RED TURKEYS, TOMS, \$10; HENS, \$6. C. W. Moeller, Hamburg, Kan.

BRED BRONZE TURKEYS, TOMS, \$10; HENS, \$7.50. Fine big boned birds. Satisfaction guaranteed. Turkey Track Poul-try Farm, Wilmore, Kan.

TURKEYS.

THOROUGH BRED BOURBON REDS—Toms, \$8; hens, \$6. Leo Dally, Haviland, Kan.

BRONZE TURKEY TOMS \$12. PULLETS \$8. Goldbank strain. Anna Carpenter, Medicine Lodge, Kan.

EXTRA FINE, LARGE, WELL MARKED Bourbon Reds. Toms, \$8 to \$10; hens, \$6. Mrs. Harry Mitchell, Garfield, Kan.

GIANT BRONZE TURKEYS—CHAMPION strain. Will give you a big bargain for your money. Red Wing Poultry Farm, Mil-tonvale, Kan.

THOROUGH BRED MAMMOTH BRONZE turkeys. Goldbank strain. 25 lb. toms, \$12; 15 lb. hens, \$7. Earl Gamber, Ells-worth, Kan.

THOROUGH BRED WHITE HOLLAND toms, \$8. Large boned, pink legged from prize winning turkeys. Laura Shupe, Coats, Kan.

MAMMOTH WHITE HOLLAND TOMS, \$9; HENS, \$6. Large, heavy boned, pink legs. Satisfaction guaranteed. Chas. Cary, Edna, Kan.

GIANT MAMMOTH BRONZE TURKEYS. Sire 40 lbs. Hens up to 26 lbs. Young toms, \$10. Mrs. C. B. Vandevyer, Ashland, Kan.

MAMMOTH BRONZE TURKEYS, SIRED by tom that took first at Kansas City show January, 1920. Mrs. James Aitkin, Severy, Kan.

"MAMMOTH BRONZE," SELECTED FOR vigor and size; sired by 40-lb. tom; 20-25-lb. toms, \$10-\$15; 15-lb. pullets \$8; 20-lb. hens, \$15. Laura Ullom, Lamar, Colo.

150 BRONZE TURKEYS FROM MADISON Square winners; \$7.50 to \$25. First at Kansas State Fair. Free booklet. Mrs. A. H. Burg, Lakin, Kan.

MAMMOTH WHITE HOLLANDS. "THE big boned pink legged kind." Bigger and better than ever. Satisfied customers in seven different states. Pullets, \$10; toms, \$15. Mrs. E. V. Collins, Belleville, Kan.

MAMMOTH BRONZE TURKEYS. PURE bred. From prize winning stock. Big bone, vigorous, well marked. May hatch 26 pound toms, \$12.50; 17 pound pullets, \$8. Mrs. Chas. Henry, Sun City, Kan.

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WYANDOTTES.

BUFF WYANDOTTE COCKERELS, \$2. E. A. Schweizer, Route 5, Leavenworth, Kan.

WHITE WYANDOTTE COCKERELS, \$3. Mrs. H. W. Jones, Tescott, Kan.

COLUMBIAN WYANDOTTE COCKERELS. Fancy pigeons. J. J. Pauls, Hillsboro, Kan.

CHOICE SILVER LACED WYANDOTTE cockerels, \$2.50. Mrs. Harvey Crabb, Bucklin, Kan.

WHITE WYANDOTTE COCKERELS, BRED from record layers. Catalog free. Mrs. A. J. Higgins, Effingham, Kan.

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WHITE WYANDOTTE COCKERELS, \$2 and \$3. Satisfaction guaranteed. Chas. Cary, Edna, Kan.

CHOICE OF 50 EARLY HATCH WHITE Wyandotte cockerels, \$2.50 each. Opal Erickson, Leonardville, Kan.

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SANDERS SILVER LACED WYANDOTTES. State show winners. Cockerels, good individuals, \$3; pen headers, \$5. Ralph Sanders, Osage City, Kan.

STANDARD BRED WHITE WYANDOTTES. Cockerels, \$2.50 and \$5; pullets, \$2. March hatch. Prize winning Dustin strain. Agnes Neubauer, Belleville, Kan.

WHITE WYANDOTTE COCKERELS—Steven's American and Carron's English strains, world's greatest layers, \$3 and \$6 each. Satisfaction or money back. H. A. Dressler, Lebo, Kan.

SEVERAL VARIETIES.

68 VARIETIES FINE PURE BRED CHICK-ens, ducks, geese, turkeys. Prices reason-able. Large catalog 4 cents. A. A. Ziemer, Austin, Minn.

THE FOLLOWING FEMALES FOR SALE: 100 Buff Orpingtons, 150 White Rocks, 150 Single Comb Reds, 50 White Wyandottes, 50 White Orpingtons. Prices low. Stock first class. 1733 Ranch, Kearney, Neb.

Kansas Map to Readers Free

We have arranged to furnish readers of Kansas Farmer and Mail and Breeze with a big one-sheet Wall Map of Kansas. This large map gives you the area in square miles, and the popula-tion of each county; also name of the county seat of each county, it shows the location of all the towns, cities, railroads, automobile roads, rivers and interurban electric lines, and gives a list of all the principal cities of the United States. For a short time only we will give one of these big wall maps of Kansas postpaid to all who send \$1.00 to pay for a one-year new or re-nawal subscription to Kansas Farmer and Mail and Breeze. Or given with a 3-year subscription at \$2.00. Every citizen of Kansas should have one of these instructive wall maps. Address Kansas Farmer and Mail and Breeze, Topeka, Kan.—Advertisement.

The cost of meat cured on the farm is much less than that purchased from the retailer. An average 200-pound hog should dress 160 pounds. For the last 10 years the 160 pounds of meat could have been produced, slaughtered, and cured on the farm for 35 per cent less than it would have cost the farmer at his local market.

The Grain Market Report

BY SANDERS SOSLAND

A DISTINCT "turn-about-face" has developed in the grain market, be-ing most pronounced in wheat. In-stead of extreme bearish sentiment and talk of dollar wheat on farms before the bottom is reached, the gossip of the trade now reflects an almost general belief that both the cash and future wheat quotations will rise to a level above \$2 a bushel before bullishness loses its attraction. Corn, oats, kafir and milo and other grains also are ex-pected to follow in a sympathetic course with wheat, though some doubt is expressed as to whether corn will maintain as rapid an upward tendency, owing to the enormous crop and abun-dance of feeds as a whole.

Most significant among the week's developments concerning the statistical position of wheat in the United States was the publication by the United States Department of Commerce of the official record of exports of wheat and wheat flour from this country. The report showed the equivalent of more than 140 million bushels of wheat ac-tually cleared from the United States in the first four months of the crop year. In November, which the Government report does not cover, at least 30 mil-lion bushels were cleared, and it is conservatively estimated that 50 mil-lion bushels already have been con-tracted for export from the United States in December and January. This will increase the total to 220 million bushels. The exportable surplus of the country is liberally estimated at 230 million bushels for the entire crop year, and, allowing 20 million bushels additional as representing the importa-tions from Canada, our surplus avail-able for export to the Old World is 250 million bushels up to the close of the crop year. Thus, it is apparent, there is actually left above our domestic re-quirements only 30 million bushels to be sold to foreigners between February and July, when another crop will be gathered. Our exports thus far on the crop have averaged more than 30 million bushels monthly, so it is not surprising that serious consideration is being given the possibility of forced imports of wheat into the United States from Argentina. It is this strong statistical position, which originally prompted the holding tendency by farm-ers, that is now stimulating bullish en-thusiasm in the wheat market.

An Encouraging Feature

The friendlier attitude on the part of many Congressmen toward the ar-rangement of plans for stimulating the export business in farm products, for a protective tariff and otherwise aid-ing the agricultural industry was given much consideration in the grain trade. What action is to be taken is not known, of course, but talk of special measures by the government is stimu-lating confidence in prices. There is even much doubt as to whether some of the plans suggested will really prove helpful. The attitude among the trade, however, is that whatever action is taken will temporarily benefit the po-sition of the producer.

Advances of 15 to 17 cents a bushel were recorded on hard winter and dark hard wheat last week. Kansas City quoting a top of \$1.77 a bushel at the close of the week. Red winter sold up to \$1.89, also about 15 to 18 cents a bushel higher. In the future market, an advance of 20 cents a bushel was recorded on the December delivery and about 18 cents on the March option, selling above \$1.60 a bushel. Offerings from the country fell off slightly, and the advancing market is expected to further restrict the movement. As values tend upward, producers who are holding wheat feel their position more secure, and the campaign to withhold the bread grain from markets until prices rally sharply probably will be felt to a greater extent than the past month or six weeks. While demand for wheat from mills showed moderate im-provement, there was only little more than a semblance of competition be-tween domestic trade and foreigners, who absorbed the bulk of the offerings. Great Britain, Belgium and other Eur-opean countries were active in the buy-ing. Bookings were made for shipment

as far ahead as February, tho largely for December and January loadings.

Hesitancy on the part of farmers in disposing of their surplus corn on the basis of the prices now quoted in the country, with only an insignificant in-crease in the new crop movement, explained in a large measure the friendlier feeling manifest toward the coarse grain by prospective buyers. Along with the talk of \$2 for wheat before the rising tendency of prices is halted, the more bullish observers of the corn trade anticipate a level around \$1 a bushel for the leading feed cereal, if not even higher. It is true, of course, that no important demand prevails for corn on markets, owing to the abundance of feed in the country, the almost even distribution of the corn crop and the excellent tem-peratures over the important feeding sections. But the market element which sees considerably higher corn prices ahead is basing its forecasts largely upon the probability of a very small movement. Carlot offerings of corn sold at an extreme range of 66 to 76 cents a bushel, about 10 cents higher for the week. In the speculative market, the near delivery gained 9 cents, while the May and July options rose about 5 cents to a level around 70 cents a bushel.

A gain of 3 to 4 cents a bushel in both the cash and future oats market followed in the course of rising prices for grains. The cash grain sold around 47 to 50 cents a bushel. Having been offered practically double the current price earlier in the season, farmers are naturally hesitant to dispose of their crop. Holding oats for later sale may prove profitable, a higher mid-winter market now being almost generally forecasted. The liberal stocks of oats at terminal markets, however, will tend to hold down prices, and it is possible the minor grain will widen its discount under corn.

Bran and Shorts

The strength imparted by grains failed to improve the tone of the market for cottonseed cake and meal or bran and shorts. A further decline of about \$3 a ton occurred on the high protein feed, with Texas mills quoting around \$26 to \$27 a ton for prime 43 per cent, and around \$33 a ton, delivered in the surrounding feeding sections. For bran, prices reached \$25 a ton for 30 day shipment, and \$26 a ton for spot or prompt delivery, the lowest quotations of the season and the lowest in about three years. The heavier mill offal was even weaker, around \$29 a ton for gray shorts, with the brown variety extremely weak and virtually without an outlet down to \$25 a ton. While demand for both cottonseed cake and meal and millfeed is extremely light, prices may become more stable, particularly for the high protein prod-uct, the market already having under-gone radical readjustment.

After an early downturn in prices, the trade in hay developed a firmer feeling. But the firmness should not be taken as a sign of another upturn, nor should this stimulate further hold-ing of forage. Good quality alfalfa and prairie and even the poorer quality of-ferings should not be held for higher prices. The market is in a more favor-able position to record declines rather than advances, and even a sudden change in weather conditions would cause no more than a temporary spurt in prices. Alfalfa is selling at an ex-treme range of \$12.50 to \$26.50, the better grades bringing virtually as high a price as corn. The better quality of-ferings of prairie are bringing between \$12 and \$15 a ton in Kansas City, with cheaper wild hay down to \$8.

Every family of birds plays its part in the warfare against insects, and by so doing contributes to man's welfare. When the quail eats Texas fever car-rying ticks—which Southern quails do; when the killdeer and other shore birds eat hundreds of larvae of the malaria and yellow fever carrying mosquitoes; when a night hawk's even-ing lunch consists of 500 of the adult mosquitoes; they contribute a great benefit to public health.

Real Estate Market Place

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There are 8 Capper Publications totalling over a million and a quarter circulation and widely used in this advertising. Ask us about them.

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All advertising copy discontinuance or change of copy intended for the Real Estate Department must reach this office by 10 o'clock Saturday morning, one week in advance of publication.

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WILL ACCEPT livestock as cash payment on land. G. N. Kysar, Goodland, Kansas.

BEST FARM BARGAINS for sale in S. E. Kansas, by G. W. Meyer, Fredonia, Kan.

80 ACRES 3 miles out, well improved, \$80 acre. W. J. Poire, Westphalia, Kansas.

NORTON COUNTY—Good farms, any size for any purpose. Williamson, Norton, Kan.

GREAT SOUTHWEST—50 quarter sections fine farm lands cheap, easy terms. Write owner John W. Baughman, Liberal, Kan.

200 ACRES, well imp., 140 cult., 60 pasture, \$15 acre. Also small and large farms. Andrew Burger, Burlington, Kansas.

GOOD CORN, wheat and alfalfa farms. Close to drilling wells in oil country. Prices reasonable. C. H. Wilson, Moline, Kansas.

FINE IMPROVED FARM in northeastern Kansas, for sale. V. E. Conwell, Ladysmith, Wisconsin.

FARMS ALL SIZES; all prices; terms to suit purchaser. Send for lists. Dickey Land Co., Ottawa, Kansas.

MONEY MAKING farms, fine improvements, soil produces abundant crops. Write for choice list. McConachie Land Co., Ottawa, Kan.

WRITE for our free list of Eastern Kansas farms and ranches for sale. The Eastern Kansas Land Co., Quenemo, Kan.

CORN, WHEAT and alfalfa farms. Verdigris and Fall River bottom, also stock ranches all sizes. L. S. Hoover, Eureka, Kansas.

IF YOU WANT to buy, sell or exchange your farm, write W. T. Porter of the Kansas Land Company, Ottawa, Kansas.

500 ACRES, improved, eastern Kansas, 390 bottom, bal. pasture. Price \$110, part trade. Clark Realty Co., Garnett, Kan.

EASTERN KANSAS FARMS Large list Lyon and Coffey Co., for sale by Ed. F. Milner, Hartford, Kansas.

SOUTHEASTERN KANSAS Good buys of all sizes; alfalfa, corn and wheat farms. Write for latest list. Byrd H. Clark Investment Co., Erie, Kansas.

SOME SNAP—640 acres new land, all in wheat, fine condition. Lane county, Kansas, all wheat goes, \$37.50 per acre. No trade. J. B. Cramer, Dighton, Kansas.

IMP. 80, Lyon county, \$6,000. Terms \$1,000. Balance long time at 6%. Imp. 320 Lyon county, \$40,000. Terms \$12,000. Bal. long time. Ira Stonebraker, Allen, Kansas.

IMPROVED 80 ACRE FARM, 15 acres of pasture, 55 acres of wheat, 1/2 goes, fine orchard. Price \$7,000; terms on part. Guy Barnes, Milton, Kansas.

INVESTORS, speculators, homeseekers—We make specialty on Ness county land. Let us show you what we have to offer. Write for list. Whitmer Land Co., Utica, Kansas.

NESS COUNTY WHEAT LAND Good smooth land from \$30 to \$50 per acre. Write for free list and county map. Geo. P. Lohnes, Ness City, Kansas.

160 ACRES bottom land highly improved, extra located 2 miles town, \$125.00 per acre. Send for list. S. L. Karr, Council Grove, Kansas.

CHOICE QUARTER—\$4,000 Terms \$1,000 cash, balance \$500, yearly 7%. 5 1/2 mi. from good town, 1/2 mi. school. Half in cultivation. All level. Write owner. W. V. Griffith, Liberal, Kansas.

SOUTHEASTERN KANSAS Farms, all sizes; lowest prices. Terms \$2,000 up. Send for booklet. ALLEN COUNTY INVESTMENT CO., Iola, Kansas.

75 ACRES ONLY \$750

Only 22 miles Wichita; 35 acres cult., balance pasture and lots; 6 room house, barn, well, etc., only \$750 cash, \$500 yearly.

R. M. MILLS, Wichita, Kansas.

SPLENDID DAIRY AND GRAIN FARM 3 sections fine land on branch of Solomon river, Sheridan county; county seat 4 miles, 1/2 section choice alfalfa land. Water 20 ft. Some energetic young men with wives and growing families could join and make this farm a great success. Choice dairy herd on farm, option of buying. Only small cash payment required. Remainder long time at moderate rate of interest. Price \$35 acre. For further particulars write, L. J. Wright, Owner, Hoxie, Kansas.

Exchange Your Livestock for a Farm

Will sell or exchange farm for cattle, horses, hogs, registered or grade. 20 miles from Wichita, Kansas; 40 to 640 acre tracts or as whole. Good land, well located and improved. Too much land, abundant feed, need more livestock. In case of sale will carry loan at 6%.

PARK E. SALTER, 615 4th Nat'l Bank Bldg., Wichita, Kansas.

KANSAS

FOR SALE—A dandy eighty acre wheat and corn farm in Kansas, near Atchison, \$8,500. Terms. Address H. E. Grosser, 1602 Belle Street, St. Joseph, Missouri.

A NESS COUNTY BARGAIN 160 acres close to market, 70 acres under cultivation, on \$4,000. Terms. No trade. Jas. H. Little, La Crosse, Kansas.

150 ACRES, well improved. Price \$12,500, cash \$4,000, good terms on balance. Immediate possession. Other Anderson County farms. Holcomb Realty Co., Garnett, Kan.

DAIRY FARM 120 acres, 5 miles out, good buildings, silo, alfalfa, \$95 an acre. T. B. Godsey, Emporia, Kansas.

LET ME SELL YOU A FARM in the Oak ley country. Wheat and barley making \$50 to \$75 acre. Corn and all feed crops fine. Good tractor land, \$30 to \$50. For list write. A. H. Wilson, Oakley, Kansas.

FOR SALE—240 acre farm, ten miles north of Lawrence, six miles west of Tonganoxie, about forty miles west of Kansas City, Missouri, good dairy farm, much marketable timber. Good reasons compel owner to make bedrock price. J. B. Wilson, Lawyer, Lawrence, Kansas.

MUST SELL THIS FINE FARM HOME 341 acres adjoining good town, Lane county, Kansas; 2 blocks from high school, improvements extra good, 120 acres fine wheat, smooth as a floor. Price \$55 per acre for quick sale. Mansfield Investment & Realty Co., Healy, Kansas.

THE BEST present investment is land and the best place to buy land is in Ness Co., Kansas. All sized tracts from 160 acres to 10,000 acres, improved and unimproved at prices ranging from \$25 to \$75 per acre. Some exchanges. Agents protected. A. W. Buxton, Utica, Ness County, Kansas.

NESS COUNTY, KANSAS, LANDS Good wheat, alfalfa and ranch lands at bargain prices. Several excellent ranches. Write for price list, county map and literature. FLOYD & FLOYD, Ness City, Kan.

550 ACRES, 2 miles Lawrence, Kansas; highly improved, plenty water; 140 acres wheat; 50 acres alfalfa; 60 acres prairie meadow; 200 acres blue grass. Price \$75,000. Incubance \$20,000. 150 acres, 4 1/2 miles out; 100 acres wheat; improvements good; plenty water; possession now. Price \$26,400. Incubance \$12,000. Hosford Investment Co., Lawrence, Kansas.

FARM HOME 160 acres, 22 miles K. C., rock road most way; 30 alfalfa; 30 clover; 90 pasture; living water; 5 room house; cellar; large barn; stanchions, etc.; belongs to estate must be sold; \$100 per acre, think of it, at Kansas City's door. MANSEFIELD LAND & LOAN COMPANY, 415 Bonfils Bldg., 10th & Walnut, Kansas City, Mo.

1,380 ACRES, Eastern Kansas blue grass farm. Two sets improvements. Big barns; large silos; well watered; large acreage wheat; blue grass pasture. Creek bottom farm land. Close town. Price \$25 per acre. Easy terms 6%. Will consider exchange for smaller farm. Write for list any size tract land interested in. Large list properties for sale and exchange. Mansfield Land & Loan Co., Ottawa, Kansas.

FRANKLIN COUNTY BARGAINS 40 acres 3 miles Ottawa, good improvements; water; fruit; nice poultry and dairy farm; \$5,500. Terms. 80 acres 4 miles Ottawa, good improvements; level; on automobile trail; 1/2 mile school; \$12,500, \$3,000 down, balance terms. 180 acres 3 miles of R. R. town, well improved; never failing water; 45 acres wheat; 20 alfalfa; 1/2 mile high school; extra good farm; extra good terms. \$120 per acre. S. W. Spangler, Ottawa, Kansas.

A GOOD ONE 200 acres, 4 1/2 mi. from here, 4 mi. from another town, good 9-room house, basement under all, barn shed and crib. Two good chicken houses, windmill, never-falling water. All creek bottom except 40 a. pasture, 20 a. alfalfa, 100 more fine alfalfa land, 60 a. now in wheat, 1/4 delivered in town goes to purchaser. If you want a good one I sure have it. Price \$150 per a. If sold before Jan. 1st. Part can be carried at 6% for long time. Other farms from \$75 to \$150 per acre. R. R. Johnson, Hartford, Kansas.

REAL BARGAINS IN COFFEY CO. FARMS 80 acres, 2 1/2 mi. of Waverly, 1 mi. to school, 3/4 mi. to church; lays smooth, abundance of water, well improved. Price \$110 per a., liberal terms. 150 acres, 3 mi. of Waverly, 1 mi. to school and church, 160 a. cultivation, 25 a. prairie pasture and meadow, 30 a. timothy and clover meadow, 10 a. alfalfa, well watered, and improvements good. Price \$100 per acre, with any reasonable terms. 240 acres, 5 mi. of Waverly, 4 mi. of Halls Summit, 1/2 mi. to school and church, pasture rolling, balance smooth, 50 acres creek bottom, some nice timber. Everlasting water. Price \$75 per acre with best of terms. For further information, write, Geo. M. Reynolds, Waverly, Kansas.

Fine 40 Acres Highly Imp. 3 miles south of Topeka on Topeka avenue road and 1/2 mile west. Buildings all new; 8 room modern house; 2 large barns, equipped for dairying, 12 acres alfalfa fenced for hogs; 2 young orchards; plenty of water. If you want an exceptionally nice farm and home near the Capital city this is your chance. W. H. ODE, R. 2, TOPEKA, KANSAS.

KANSAS

FOR SALE—200 acres well imp., 70 wheat, 20 alfalfa, 30 corn land, balance blue grass and prairie, all tillable but 10 acres. Good spring, water piped in house, best farm in county. Price \$24,000. F. M. Haines, Oskaloosa, Kansas.

THE BEST CROPS on the map are here in Northeastern Lyon County, on land that produces good crops every year. I have a number of choice corn, wheat, alfalfa and dairy farms for sale at bargain prices. I have the farm you want and in the size you want and at the right price. Come let me show you. Will guarantee you will not be disappointed. Write for free land list. E. B. Miller, Admire, Kansas.

ARKANSAS

FOR SALE—Ozark alfalfa, fruit and berry land. Write, Kenthley, Advance, Arkansas.

GRAIN, grass, livestock, fruit and poultry; Ozark foothills; bottoms, valleys and uplands. J. L. McKamey, Imboden, Lawrence Co., Ark.

BUY A FARM in the great fruit and farming country of northwest Arkansas where land is cheap and terms are reasonable. For free literature and list of farms write J. M. Doyel, Mountainburg, Arkansas.

60 ACRES, 25 acres cultivated; 25 acres more can be cultivated; three room house; good cistern; fair barn; only 1 1/2 miles to Calico Rock. The wood on this land will pay for the place. Price \$1,500. Free list. W. J. Copp, Calico Rock, Arkansas.

FOR SALE—Rich Arkansas land. Fine farms, both bottom and uplands. Cotton, corn, alfalfa and stock farms. Healthy climate, fine water, hard surfaced roads, fine schools and college. Write me what you want. Liberal terms. Progressive community. W. O. Scroggin, Morrilton, Ark.

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CHEAPEST GOOD LANDS IN AMERICA Your choice from thousands of acres in south central Florida highlands, splendid orange, garden, general farming and cattle lands; wholesale prices, easy terms or exchange. Interstate Development Co., Scarritt Building, Kansas City, Missouri.

FLORIDA LAND FOR SALE 25,000 acres, choice farm and pasture land near Arcadia. Finest cattle proposition in the U. S. No blizzards. No freezing. Rail and water transportation. Price \$13.50 per acre. J. E. GODYKOONTZ, Wynne Hotel, Denver, Colorado.

COLORADO

400 ACRE DAIRY FARM, rain belt of Colorado. Crops never fail. \$25 per acre, long time 6%. T. Bausenger, Kiowa, Colorado.

COLORADO FARMS of any size, irrigated or non-irrigated. Near Denver. Send for free booklet V-3. The Zang Investment Co., American Bank Bldg., Denver, Colorado.

COLORADO LAND Sugar beet, grain, potato, alfalfa, etc., land. Be sure to send for my farm list before you buy. Vernon McKelvey, Greeley, Colorado.

FOR SALE—Do you want a home, almost in town, with land enough to make a substantial income? We have it. A ten acre tract, best water right in this section, five room brick dwelling, barn with loft and garage, home orchard of apple, cherry and plum trees, grapes and small fruit, balance of land suited to the highest paying crops. A choice tract. Write Wm. C. Steele, Box 235, Rocky Ford, Colo.

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Nothing better in East Colorado; farms and ranches; lowest prices; best terms; write for facts and lists. R. T. CLINE, OWNER, BRANDON, COLO.

COLORADO IRRIGATED FARMS

Farm lands in the San Luis Valley produce 4 tons of alfalfa, 60 bu. wheat, 300 to 500 bu. spuds, other crops equally well. Best hog country in the world. Farm prices low. Send for literature about this wonderful valley. Excursions every two weeks.

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300,000,000 ACRES free government land in U. S. Send for free descriptive circular of our 100-page book "The Homeseeker," which tells you how to acquire this land, or send \$2 for book direct.

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SELECT YOUR HOME among California irrigated farms in the only U. S. government project in the state, located at Orland, Rich, productive soil adapted to the growing of wide diversity of crops. No killing frosts. No cyclones or thunder storms. Easy access to markets. Splendid climate. Modern, progressive town. Best of schools and churches. For free descriptive literature write the Chamber of Commerce, 10 Hutz Bldg., Orland, California.

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FOR SALE—120 ACRE ALFALFA RANCH Argus Lund, R. 3, Weiser, Idaho.

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PRODUCTIVE LANDS—Crop payment or easy terms. Along the Northern Pacific Ry., in Minnesota, North Dakota, Montana, Idaho, Washington and Oregon. Free literature. Say what state interests you. H. W. Byerly, 81 Northern Pac. Ry., St. Paul, Minn.

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LISTEN! 60 acre farm, fine fishing stream, \$2,000, \$300 down. McGrath, Mtn. View, Mo.

BUY A HOME in the Ozarks. Write Roy & Stephens for list, Mansfield, Mo.

WIDOW MUST SELL well imp. 60 a. dairy farm, 10 minute drive out, a money maker, \$2,800. Durnell Land Co., Cabool, Missouri.

FREE LIST describing Ozarks. 75 farms, dairy, orchard, timber, cut over and tobacco land. Simmons & Newby, Cabool, Mo.

WE STILL HAVE plenty rich, level, improved prairie farms. Turner & McGlothlin, Lamar, Barton Co., Missouri.

TRADES MADE EVERYWHERE; describes property and tell me your wants. Duke, Adrian, Missouri.

COME to the Ozarks. Good spring water. Farms all sizes. Write for list. Douglas County Abstract Co., Ava, Mo.

WRITE FOR OUR LIST of improved and unimproved gently rolling, valley and bottom farms. \$15 to \$50 per acre. J. D. Gerlach & Co., Doniphan, Missouri.

COME to beautiful Bates Co., Mo., the home of corn, bluegrass, and clover. See Wendleton's farm bargains. Do it now. C. E. Wendleton, Butler, Missouri.

POOR MAN'S CHANCE—\$5 down, \$5 monthly buys forty acres grain, fruit, poultry land, some timber, near town, price \$200. Other bargains. Box 425-O, Carthage, Missouri.

MISSOURI—\$5 down \$5 monthly buys 40 acres truck and poultry land near town Southern Mo. Price \$240. Send for bargain list. Box 169, Mt. Vernon, Ill.

ATTENTION FARMERS

Do you want a home in a mild, healthy climate, where the grazing season is long, the feeding season short, waters pure, soils productive? Good improved farms, \$20 to \$50 acre. Frank M. Hamel, Marshfield, Mo.

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HOMESTEADS—17,000,000 acres free government land in New Mexico. Send \$1.00 for map and booklet showing locations and descriptions. Harrington & Thomas, Civil Engineers, Santa Fe, New Mexico.

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SOMETHING GOOD

109 acres. Good location. 2 large basement barns. Dandy 12-room house. Large orchard. Pleasant place and good value. Stock and equipment at inventory. \$5,500; half cash; terms.

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NEBRASKA

480 ACRES Kimball Co., Neb., 10 miles N. W. of Bushnell; fenced and cross fenced. Good well, 4 r. house, barn, etc. Will sacrifice at \$40 per acre. A real bargain. Cline Inv. Co., 1757 Champa St., Denver, Colo.

PIERCE COUNTY, Nebraska, farms for sale. 240 and 320 acre tracts extra well improved. Good soil. Fine buildings. Good roads, water, schools. Price \$175 acre; terms. Frank Pilger and D. C. Deblor, Pierce, Neb.

OKLAHOMA

EASTERN OKLAHOMA—Corn, wheat, oats, alfalfa, clover land. Oil district. New country. Best land for least money. Arch Wagoner, Vinita, Oklahoma.

80 ACRES, 5 miles city 3,000 this county. 60 acres fine bottom cultivation, fine improvements. \$40 per acre. Terms. Southern Realty Co., McAlester, Oklahoma.

PENNSYLVANIA

FINE FARMS in northeastern Pennsylvania. \$30 to \$70 an acre, some with stock and tools. Agents wanted. W. Crusser, Montrose, Pa.

SOUTH DAKOTA

GET RICH FARMING IN SOUTH DAKOTA The state that helps her farms by her own system of rural credits, the state that has the record for the greatest per capita production of food crops and new wealth. Write today for official bulletins. State Immigration Department, Irwin D. Aldrich, Commissioner, Capitol E-86, Pierre, South Dakota.

TEXAS

ONE CABBAGE crop often pays for the land in Lower Rio Grande Valley. Save \$100 per acre by dealing with owner. L. W. Heagy, LaFeria, Texas.

A BARGAIN—1,250 acres the best wheat land in Hansford county, Texas. Well improved. Price \$25 per acre. Write Jake Shoup, Texhoma, Oklahoma.

DAIRY FARMS and lands which offer splendid opportunities for dairying with creamery and market right at your door. Also excellent for diversified and other farming. Ideal mild healthful climate, schools, churches, railroad and other advantages. Write for listings. Terms, etc. Railroad Land Bureau, San Antonio, Texas.

REAL FARM OPPORTUNITIES IN TEXAS where farming pays best. Best markets, schools, railroads and roads. Ideal mild winter climate. Would you like to know these opportunities? Write us crops you are interested in, livestock you want to raise. Acreage you want, whether improved or unimproved and terms wanted. We can then locate you ideally where markets are guaranteed. Railroad Co-operative Farm Bureau, San Antonio, Texas.

VIRGINIA

HOMESEEKERS—Send for Virginia farm list. Dept. 52, Emporia, Virginia.

MISCELLANEOUS

FARMS FOR SALE—West Texas, Kansas and Oklahoma. E. E. Gabbart, Alva, Okla.

BLACKSMITH SHOP and tools and 4-room house on a lot 150x50 for quick sale. Write Henry Klover, Solomon, Kansas.

COMPLETE INFORMATION on the South-west and Mexico where opportunities abound. Weekly bulletins, \$3 yearly. Rogers-Burke Service, Tucson, Arizona.

SELL YOUR PROPERTY quickly for cash, no matter where located, particulars free. Real Estate Salesman Co., 515 Brownell, Lincoln, Nebraska.

DENVER APARTMENT HOUSE, 3 story, 50 tenants, rents \$12,000 year. Nets 8% on \$100,000. Incumbrance \$55,000 6%. Want \$15,000 cash and land. Cline, 1757 Champa, Denver, Colorado.

HANDLE MORE BUSINESS? Are you getting all the business you can handle? If not get big results at small cost by running a classified ad in *Capper's Weekly*. The Great News Weekly of the Great West with more than a million and a quarter readers. Sample copy free for the asking. Only 8c a word each week. Send in a trial ad now while you are thinking about it. *Capper's Weekly*, Topeka, Kan.

SALE OR EXCHANGE

WANT TO HEAR from party having farm for sale. Give particulars and lowest price. John J. Black, Capper St., Chippewa Falls, Wis.

FARMS, ranches, city property, merchandise for sale and exchange. Write us. Weeks & Shackelford, 1023 E. 31 St., Kansas City, Mo.

BY OWNER choice Joplin apartment property nets 16%. Price \$20,000, mortgage \$5,000. Write E. Sease, 517 W. 3rd, Joplin, Mo.

FARM FOR CATTLE

I have a good 160 acre farm I will trade for Holstein cattle, purebreds preferred. H. A. Gehrke, R. 3, Manhattan, Kansas.

FOR SALE AND EXCHANGE

Northwest Missouri farms, the greatest corn belt in the United States. Also western ranches. Advise what you have. M. E. Noble & Co., St. Joseph, Mo.

CHOICE INCOME PROPERTY—Nothing better in this class in city; boulevard location; income \$11,000 yearly; will take clear farm part payment; other properties up to \$150,000 to consider trade for high class farms. J. W. Lawson, Waldheim Bldg., K. C., Mo.

431 ACRES, highly improved farm 2 1/2 miles town, 200 acres blue grass, remainder corn, wheat, alfalfa and tame grass. Fine location. Priced right. Will accept government bonds, smaller farm or western land as part pay. Other farms for sale or trade. J. H. Pope, Emporia, Kansas.

FOR EXCHANGE

80 acres near Valley Falls, well improved, 50 acres fine bottom in corn, balance upland. Price \$12,000, mortgage \$4,300 at 6 1/2% 4 years to run.

70 acres, 1 1/2 miles north Circleville, well improved. Price \$12,000, mortgage \$3,500.

91 acres, 2 miles from Soldier, improved. Price \$135 per acre, mortgage \$7,000.

200 acres 2 miles east Denison, well improved. Price \$24,000, mortgage \$6,500.

22 furnished rooms at 412 Kansas Avenue, Topeka, paying better than \$50 per week, rent on the building only \$40 per mo., has 2 1/2 years to run, nothing better in Topeka. Price \$1,800.

Lady wants 4 room house close in, 7 room house Holton, Kan., 6 room house Holton, 16 room brick rooming house.

150 acres, 7 miles northeast Holton, 220 acres, 200 acres all well improved.

Now the owners of the above described land and properties will trade one or as many tracts as you want for merchandise. We have nice clean farms with mortgages at low rate of interest. Will trade and furnish abstracts and warranty deeds. Our stuff will bear inspection, no junk to trade and will not consider junk. Describe fully what you have to offer with first letter, no use to write a dozen letters, or you can hop on the train and come to Holton, we will show you what we have and return with you and make a trade. Yours for business.

W. D. Green, Holton, Kansas.

WANTED

City property or merchandise, or clear western land for farms in southeastern Kansas. Send complete description of what you have to offer. Address The Allen County Investment Co., Iola, Kan.

For Sale or Exchange

100 acres, best of land near Garden City, Kan., not improved. Want steam or oil engine. Would consider whole rig. Engine must be ready for heavy work at once. Give full particulars first letter. Don't answer unless you have a first class rig and mean business. L. B. Campbell, Miltonvale, Kan.

REAL ESTATE WANTED

WANTED to hear from owner of land for sale. O. K. Hawley, Baldwin, Wisconsin.

I HAVE CASH BUYERS for salable farms. Will deal with owners only. Give description and cash price. Morris M. Perkins, Box 378, Columbia, Mo.

Growing the Grain Sorghums

Farmers' Bulletin No. 1137, Grain Sorghums and How to Grow Them, has just been issued by the United States Department of Agriculture, Washington, D. C. You can obtain a copy free on application; it should be in the library of every Kansas farmer.

Holsteins Bring Good Prices

Demand for dairy products is increasing and with the decrease in feed prices more dairy cattle are being bought. This was plainly evident at the sale of Holstein cattle held in Topeka December 1. "They say money conditions are tight but when it comes to investing in purebred Holstein cattle there is plenty of it at the point of a pen on a check book."

This remark was made by J. H. Mott, owner of Maple Grove Holstein Farm at Herington, after 71 head of Holsteins sold at auction for \$18,350 in the dispersal sale of David Coleman & Sons in Topeka. Mr. Mott was manager of the sale.

Coleman & Sons are quitting the Holstein business because the Kansas City Northwestern railway, which hauled their milk to the Kansas City market, suspended operations, making the expense of delivering milk to market too heavy to be profitable. They live at Denison, 25 miles north of Topeka.

Heifer Tops Sale

Mr. Coleman still owns half interest in the \$5,000 Holstein bull he and Mr. Mott purchased at St. Paul, Minn., last year. The bull will now go to Herington to head Mr. Mott's excellent herd of Holsteins.

The Coleman sale was one of the most successful in the state this season. Most of the buyers were from Kansas but some of the choice animals were taken by buyers from Colorado, Oklahoma and Missouri.

The first 35 milk cows in the sale ring brought an average of \$450. The top of the sale was a 2-year-old heifer, one of the blue ribbon winners at the state fair in September, she brought \$1,300 and went to O. J. Ward, herd manager of the Modern Woodmen of America sanitarium at Colorado Springs. He bought her for the herd the institution is building up.

Dr. Hubert Wark, owner of the Woodcraft hospital at Pueblo, Colo., bought 12 head of heifers at an average of \$340 per head.

Mott Very Optimistic

Mr. Mott is optimistic over the outlook for Holstein breeders after the three days' sale season he completed last week. Monday and Tuesday of last week he had charge of the annual fall sale of the Kansas Holstein-Friesian association at Wichita. That was a \$33,000 cash sale. The entire lot contributed from the membership of 400 breeders, averaged \$340 a head. The Coleman sale in Topeka proved again to him that the price of Holsteins is not wavering.

O. L. Ward, manager of the herd of the M. W. A. sanitarium at Colorado Springs, and E. E. Murphy, of Leavenworth, one of the directors of the sanitarium, purchased sixteen head at a total cost of \$10,000.

Culling Purebred Herds

BY G. C. WHEELER

Weeding out inferior animals is practiced regularly by all of our best breeders of purebred animals. A Kansas breeder of Shorthorns had some steers on exhibition at the Royal Stock Show which would have made good bulls but he explained that they were all the offspring of young heifers. He has long followed the practice of making steers of the bull calves produced by his young heifers because he finds that they do not develop into as large and vigorous bulls as the calves produced by mature cows. This is one method of weeding out a purebred herd or at least illustrates the principle a genuinely constructive breeder can be expected to follow. Others weed out by selling to beginners the animals they do not desire to keep in their own herds or at least work off a few such animals with every good one they sell.

The breeders being hardest hit at the present time are those who have been trying to work off mediocre animals in this way. Money has been tight and credit limited. Buyers have been extremely critical and have passed up the poor animals and have taken only the good ones. It makes spotted sales but is exactly the right policy for the buyers to adopt under the conditions.

A close survey of the sales made indicate that cattle of real value have been selling about as well as ever but the other kind are going begging.

Breeders should send this kind to the butcher and sell real cattle along with their pedigrees. It is poor policy at any time to sell inferior animals for breeding purposes for buyers soon find out and do not return for more. Under present conditions with a temporary slackening demand for purebred stock it would be a good thing for the business if all breeders would set themselves to the task of doing some genuine culling.

The business is certain to recover from this temporary depression for livestock production is a fundamental industry on the farms of this country. The number of purebred animals is but a drop in a bucket when compared to the total number of animals grown. The breeder who will use the period ahead in raising his herd to a little higher standard of excellence will find himself in a commanding position when the temporary lull in the demand for purebred stock has passed. The breeding of purebred stock is not an "in and out" business. It is rather the business of a lifetime and the constructive breeder will not think of dropping out but will rather take the present time to improve his own herd by closer culling.

Livestock Market

BY SAMUEL SOSLAND

Don't sell on the bottom and buy at the top! This is the lesson of current markets for livestock. At Kansas City and at other centers, not a few cattle and other classes of stock are coming from holders who face the necessity of selling to meet loans at banks. But commission dealers report that there is also selling of unfinished stock by holders who have feed and who are not affected by the strain in money. They are selling because the market has slumped so sharply as to discourage them. It seems they forget that the world is going to continue to consume meat and that every market has a bottom.

If plans could be devised to increase exports of pork and lard to Europe, the effect on all livestock markets would be favorable. But can the Government help in this connection? It might arrange to take 1/2 million dollars or even 1 million dollars in notes from European governments in return for pork and lard and other products. However, there would be a rub in cashing these notes for farmers. Money markets at home are already strained. Betterment might come thru the more general purchase of Government securities.

Gains were reported last week in cattle and sheep receipts, while the movement of hogs fell off at leading Western markets. Supplies were generally sharply behind the total of a year ago, but an easy tone prevailed on prices.

Weak Demand for Cattle

Offerings of cattle on the Kansas City market last week were again in excess of the demand, and shippers were again urged to forward consignments with greater caution. Cattle prices closed 50 cents to \$1.50 lower, with a slightly better tone than had been witnessed earlier in the week. The bulk of short-fed steers sold only at \$7 to \$10. Speculators reported burdensome holdings of stockers and feeders, demand for which was slow. Stockers of the better grades were available at \$5 to \$6.50 and feeders of the better classes at \$6.50 to \$8, the lowest prices in many years. One load of 970-pound steers, rather plain, sold to a feeder buyer at only \$5.50. Stock calves of the best grades were quoted at \$6 to \$7. Stock cows and heifers were down to a range of \$4 to \$5. A few stock calves sold at \$8. The stocker market shows a drop of as much as 50 per cent compared with last spring's prices, but it warrants purchases only on a conservative scale. In other words, one should not over-extend himself to purchase offerings at present owing to the improbability of an important improvement in prices in the next month. There would be basis for great activity in buying if the beef trade outlook was more certain. Packers complained of a poor demand for beef, and it was noticeable that they showed preference for the cheaper butcher cattle at \$4.50 to \$5.75.

Hogs held better after the recent sensational declines, prices averaging a shade better and closing last week with a top of \$10.05. The prevailing feeling in the trade is that further declines are probable thru December and, perhaps,

thru January. These are periods of accumulation of provisions by packers. Favorable weather and cheap corn again tended to restrict receipts, but a larger movement is in sight. It is everywhere recognized, however, that the winter runs will not be equal to those of a year ago in volume. Reductions in prices of pork to consumers were reported, which is a healthy development.

Gains of 50 cents to \$1 a hundred weight marked the sheep and lamb trade last week, lambs scoring the best rise. Sales of lambs were up to \$12.25 and ewes went to packers up to \$5. Ewes for breeding purposes were extremely low—\$3 to \$3.75 a hundred-weight. This is scarcely one-third the top prices of last spring.

Holders of horses and mules can do only what dealers are doing—wait patiently for a revival of business. At Kansas City and St. Louis there are more than 5,000 mules in the barns of dealers for which only an insignificant demand is reported. Dealers on these markets have not sold enough mules the past two months to pay feed bills. It is difficult to move the animals at any price. When the credit situation in the South is improved, the market for horses and mules will revive.

Value of Semi-Solid Buttermilk

Semi-solid buttermilk is an excellent feed with which to supplement corn or other similar grain in feeding young hogs. This has been demonstrated at a number of our agricultural experiment stations. At the Missouri Experiment station 1 1/2 pounds of semi-solid buttermilk gave about the same results as 1 pound of tankage when combined with 9 parts of corn or barley and 2 parts shorts.

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April, May and June farrow; big stretchy fellows; \$30, \$40 and \$50 each; some by Yankee King, same breeding as Yankee PHot; some by Victor 2d; also Big Jumbo Sampson 104003 at a bargain. Sows and gilts reserved for bred sow sale.

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Henry's Big Type Polands

Spring boars ready for service, sired by Big Orange, Smooth Prospect, and The Jayhawker. Also a few gilts.

JOHN D. HENRY, LECOMPTON, KAN.

The Lone Cedar Polands

Spring pigs either sex, by Big Chimes he by Big Hadley Jr. Also herd boar material in fall boars by The Yankee Jr., he by The Yankee and bred same as The Rainbow. Pigs out of Big Orange bred sows. Cholera immune. A. A. Meyer, McLouth, Kan. (Jefferson Co.).

ROADSIDE FARM POLANDS

10 March boars, actual tops and a few choice gilts same age. The blood lines are popular and the prices are right.

T. Crowl, Barnard, Kansas, Lincoln County

Big Bone, Stretchy Polands

Spring boars and gilts ready for service; fall gilts and tried sows; fine fall pigs, both sex; immune and recorded; priced to sell. Satisfaction guaranteed.

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Spring farrow and big, well-grown kind. Farmers' prices. Also bargains in late summer and fall pigs, either sex. Papers right with the animal.

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Both large-type Polands and Duro Jerseys. These are from the very best families of the breeds and all double immune. J. F. BELL, NEWTON, KANSAS.

POLAND CHINA BOARS

High class big type Poland China boars at farmers' prices. We send C. O. D. if desired. G. A. Wiebe & Son, R. 4, Box M, Beatrice, Neb.

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James Nelson, R. 1, Jamestown, Kansas

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WHITEWAY HAMPSHIRE

Sold on approval; a few choice boars; gilts open or bred; the big, growthy kind; flinty bone and quality; fall pigs, either sex. Special prices for 30 days.

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200 head; registered; immune; 35 tried sows bred; 50 gilts; service boars; best of breeding. Wichita, Kan., R. 6, Tel. 3918. DERBY, KANSAS.

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Spring boars and gilts; also one tried boar; excellent breeder. Priced to sell. C. R. Pontius, Eskridge, Kan.

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10 boars and 15 gilts, carefully grown and the tops for sale at fair prices. Best of breeding and individually right.

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Boars: Boars: Boars:

Pathfinders, Sensations and Orions sired by Giant boars and out of 700 and 800-lb. sows. These boars are big, rugged, thrifty fellows weighing from 200 to 300 lbs. in breeding form; immuned; priced to sell; Liberty bonds taken in payment. Write now, describing your wants.

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J. Cook Lamb, Nebraska, 3417 T St., Lincoln, Neb.
Stuart T. Morse, Okla. and S. W. Mo., 631 Continental Bldg., Oklahoma City.
O. Wayne Devine, Western Mo., 300 Graphic Arts Bldg., Kansas City, Mo.
Harry R. Lease, Eastern Mo., and So. Ill., Centralia, Mo.
George L. Borgeson, N. E. Neb. and W. Ia., 1805 Binney St., Omaha, Neb.
Glen Putman, Iowa, 1611 Carpenter Ave., Des Moines, Ia.

W. J. Cody, Office Manager, Topeka, Kan.
T. W. MORSE, DIRECTOR AND LIVESTOCK EDITOR.
Livestock Service Capper Farm Press, Topeka, Kan.

Public Sales of Livestock

Hereford Cattle.

Jan. 11-12—Mousel Bros., Cambridge, Neb.

Apr. 7—Carl F. Behrent, Oronoque, Kan.

Shorthorn Cattle.

Dec. 15—Shawnee County Breeders, Frank Blecha, Mgr., Topeka, Kan.

Apr. 14—E. P. Flanagan, Chapman, Kan.

Holstein Cattle.

Dec. 16—Phelps & McClure, Aurora, Mo.

W. H. Mott, Mgr., Herington, Kan.

Dec. 17—Missouri Holstein Sale at Springfield, Mo. C. M. Long, Mgr., Sedalia, Mo.

Dec. 21—S. E. Kansas Breeders, Iola, Kan.

W. H. Mott, Mgr., Herington, Kan.

Jersey Cattle.

Dec. 15—Dornwood Farms, Topeka, Kan.

B. C. Settles, St. Louis, Mo., Sale Mgr.

Chester White Hogs.

Jan. 27—Henry Murr, Tonganoxie, Kan.

Jan. 28—C. H. Cole and E. M. Reckards, Topeka, Kan.

Feb. 11—Arthur Mosse & Daughter, Leavenworth, Kan.

Percheron Horses.

Dec. 22—D. G. Shirk, Sedgewick, Kan.

Jacks and Jennets.

Mar. 10—Hineman & Son, Dighton, Kan.

Mar. 15-16—L. M. Monsees, Smithton, Mo.

Poland China Hogs.

Jan. 12—Ross & Vincent, Sterling, Kan.

Jan. 13—F. Oliver & Sons, Danville, Kan.

Jan. 14—Barnes & Harvey, Grenola, Kan.

Jan. 15—Mitchell Bros., Longton, Kan.

Jan. 17—L. R. White, Lexington, Neb.

Jan. 18—H. T. Hayman, Formoso, Kan.

Jan. 20—F. E. Wilton, Caldwell, Kan.

Jan. 20—Chas. Hoffhine, Washington, Kan.

Feb. 4—Thos. F. Walker, Alexandria, Neb.

Feb. 7—Geo. M. Long, St. John, Kan.

Feb. 14—C. S. Nevins & Son, Chillicothe, Kan.

Feb. 19—W. C. Hall, Coffeyville, Kan.

Feb. 19—W. A. Prewett, Asherville, Kan.

Feb. 24—E. E. Hall, Bayard, Kan.

Apr. 7—Carl F. Behrent, Oronoque, Kan.

Spotted Poland Chinas.

Feb. 7—Edgar Sims, Lathrop, Mo.

Feb. 23—H. J. Haas, Holton, Kan.

Mar. 18—R. H. Stoker, Dunbar, Neb.

Mar. 19—R. B. Stone, Nehawka, Neb.

Duroc Jersey Hogs.

Dec. 14—H. C. Hartke, Lost Springs, Kan.

Jan. 26—Lyon County Duroc Jersey Breeders' Assn. sale at Emporia, Kan. John Loomis, Sec'y, Emporia, Kan.

Jan. 27—Shawnee County Breeders' Assn. sale, Topeka, Kan.

Jan. 29—J. C. Theobald, Ohlawa, Neb.

Feb. 2—W. A. Conyers & Son, Marion, Kan.

Feb. 2—Woodell & Danner, Winfield, Kan.

Feb. 4—W. G. Real, Grafton, Neb.

Feb. 4—L. J. Healey, Hope, Kan., and Jno. C. Jones, Minneapolis, Kan., joint sale at Hope, Kan.

Feb. 5—U. C. Higgins, Fairmont, Neb.

Feb. 6—B. R. Anderson, McPherson, Kan.

Feb. 9—Gordon & Hamilton, Horton, Kan.

Feb. 9—John Loomis, Emporia, Kan.

Feb. 10—M. R. Peterson, Troy, Kan. Sale at Bendena, Kan.

Feb. 11—Kempin Bros., Corning, Kan.

Feb. 11—Wm. Hilbert, Corning, Kan. (Night sale.)

Feb. 14—Night Sale. Boren & Nye, Pawnee City, Neb.

Feb. 14—Jno. C. Simon, Humboldt, Neb.

Feb. 15—Robt. E. Steele, Falls City, Neb.

Feb. 15—Lyden Brothers, Hildreth, Neb.

Feb. 15—Dr. Burdette & R. E. Mather, Centralia, Kan.

Feb. 16—Geo. H. Burdette, Auburn, Neb.

Feb. 17—Earl Babcock, Fairbury, Neb.

Feb. 17—W. T. McBride, Parker, Kan.

Feb. 17—Gwin Bros., Morrowville, Kan.

Feb. 19—Guy Zimmerman, Morrowville, Kan.

Feb. 22—W. L. Fogo, Burr Oak, Kan.

Feb. 23—C. H. Black, Neosho Rapids, Kan., in Emporia, Kan.

Feb. 25—Frank Walker, Osceola, Neb.

Feb. 28—H. W. Flook, Stanley, Kan.

Mar. 2—John Sylvester, Oxford, Neb.

Mar. 4—H. C. Luther, Alma, Neb.

Shropshire Sheep.

Jan. 25—Kansas Shropshire Breeders' Assn., Newton, Kan. O. A. Homan, Peabody, Kan., Mgr.

Sale Reports

Holsteins Sell Well at Wichita

Twenty-four Kansas Holstein breeders from all parts of the state consigned 100 Holsteins to the eighth state sale at the Wichita Forum November 29 and 30. Forty were sold the first day at an average of \$390. Sixty were sold the following day at an average of \$348.50. The one hundred sold averaged \$365. A goodly number of those sold in the second day's sale were calves and this cut down the average considerably. Buyers were present from Colorado, Texas and Missouri. The Modern Woodmen sanitarium, Colorado Springs, Colo., represented by E. E. Murphy, was a strong contender for some of the good animals. Mr. Murphy took back 12 heifers, paying \$5,765 for them. Considering the fact that livestock prices have dropped considerably within the last few weeks this

Holstein sale should be considered a good one and very auspicious for the Holstein business throughout Kansas and the Southwest.

Osborne Shorthorn Sale

A Shorthorn event that has been looked forward to with considerable interest was the Osborne sale November 30 in which Wm. Wales & Young and L. M. Noffsinger & Son were the principal sellers. R. R. Walker & Sons and Herman Johnson, all of near Osborne, consigned with them. Although conditions were not looked upon as favorable it was expected this sale would be a success because of the popularity of these herds. But the sale was further handicapped by a very bad storm all of the day before and the night before the sale. Roads were almost impassable and the weather bad. The sale was held in town in very comfortable quarters. Thirty-six cattle sold for \$5,150. Thirty females averaged \$141. Seven young bulls averaged \$107. The top was \$250, paid by D. D. Simpson of Cawker City, Kan., for No. 44, a nice cow with a bull calf at foot. D. D. Simpson, Cawker City; Bleam Bros., Bloomington, Kan.; Ernest Rumft, Cawker City; S. A. Hill, Smith Center, Kan., and W. A. Prewett, Asherville, Kan., were the principal buyers. Hill, Simpson and Bleam Bros. buying several each. There was some talk early in the day of postponing the sale but after several had arrived from a distance the consignors felt like going on with the sale. The offering as a whole was one of real merit and considerably above the average offering of the season. It was presented in good condition.

Colorado Farmers Good Buyers

14 Shorthorn cows average.....\$482

10 Shorthorn bulls average.....295

24 Shorthorns average.....408

The Shorthorn sale of J. K. Holmes held at Center, Colo., the last week of November is a tribute not only to the Shorthorn breed but also to Mr. Holmes' herd and the San Luis Valley. The cattle offered were young, many of them yearlings, in just fair flesh and sold at the above good average for new herds. The offering was a straight Villager offering thruout, either being sired by or

DUROC JERSEY HOGS.

SOWS BRED FOR SPRING FARROW

Choice individuals; best of blood lines; priced reasonably; Orion and Pathfinder breeding.

RALPH P. WELLS, FORMOSO, KANSAS

DUROC SPRING BOARS AND GILTS

For immediate shipment. Priced reasonable.

R. F. GARRETT, STEELE CITY, NEB.

FOR SALE—REGISTERED DUROC BOARS

Great Wonder and Defender strains.

G. W. Hageman, St. John, Kansas

SPOTTED POLAND CHINA HOGS.

SPOTTED POLAND FALL PIGS

Will ship a big, husky, well-marked pig, 50 to 60 lbs., for \$30; a few spring boars and gilts, 150 lbs. or more, at \$50; an breeding a few extra choice gilts for April farrow at \$75. Everything registered and immuned. Satisfaction guaranteed or money back.

CLOVERDALE STOCK FARM

Wm. Atwell Burlington,

HORSES AND JACK STOCK

**D. G. SHIRK SELLS
11 REG. PERCHERONS**

In quitting farm sale near Sedgwick, Kan.,
Wednesday, December 22, 1920
Five mares to foal in spring; 3 stallions; 3 mares
under 2 years; good breeding; pedigrees ready for
buyers; large; good condition. General farm sale
starts 10 a. m. Registered Percherons sell after-
noon. Nine mos. time without interest. Address
D. G. SHIRK, SEDGWICK, KANSAS

Top Black Percheron Stallions

3 and 4 yrs. old; 1,600-lb. 2-yr.-
olds. Black registered Percheron
mares and fillies bred to champion
sire. **FRED CHANDLER, R. 7,
CHARITON, IA. Above Kansas City.**

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MANAGERS.****BE AN EXPERT
AUCTIONEER
OR BANKER!****Bankers and Auctioneers
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No other institution can show so many real
successes as this most remarkable school in the
world. We teach you to be a Banker or Auction-
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unique way. If you wish, Bank Cashiers, Tellers
and Auctioneers make \$2,500 to \$15,000 a year.

In Auction School—Instruction under
world's most successful Auctioneer. Our gradu-
ates make big money. One graduate made \$5,000
in 3 hours; another made \$6,000 in 2 months; Col.
Waters, Skedee, Okla., made \$2000 in one day.

In Banking School—Personal direction
W. B. Carpenter, 14 years a successful banker.
You work on Commercial Bookkeeping machines
worth \$1,000 each. Positions open in both city and
country. Here you get Practical training—you
actually do a banker's work.

FREE 60-PAGE BOOK. Simply send name to-
day. Tells about this remarkable school of Banking and
Auctioneering. Tells how you can quickly train yourself
to be an expert in 4 to 6 weeks. Send Name Now for
this brilliant and fascinating book—it's absolutely free.

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MISSOURI AUCTION & BANKING SCHOOL
Executive Offices 352 Bell Bldg. KANSAS CITY, MO.

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LIVESTOCK AUCTIONEER.
Sell all kinds. Book your sales early.
217 BEACON BLDG., WICHITA, KANSAS.

**P. M. GROSS, 410 West 12th Street,
KANSAS CITY, MO.****WILL MYERS, Reloit, Kan. AUCTIONEER**

Claim your 1920-21 dates with me early.

Homer Rule, Ottawa, Kan. AUCTIONEER

Secure your date early. Address as above.

Jas. T. McCulloch, Clay Center, Kan.

My reputation is built upon the service you receive. Write, phone or wire.

A. D. McCULLOUGH, Tonganoxie, Kan. AUCTIONEER

Special attention to purebred sales.

Dan O. Cain, Beatrice, Kan. AUCTIONEER

Write for open dates and terms.

**FRED L. PERDUE, DENVER, COLO. REAL ESTATE
AUCTIONEER**

OFFICE: 320 DENHAM BUILDING, DENVER, COLO.

FRANK GETTLE, Livestock Auctioneer

1033 Broadway, Kansas City, Mo.
Efficiency First. For open dates address as above.

CHESTER WHITE HOGS.**I Offer
Chester Whites**

of both sex. The good footed, high arch
backed kind, the kind that leads the pro-
cession and are sired by prize winning
ancestors. Write,
HUGH GARRETT, STEELE CITY, NEB.

PRINCE TIP TOP BOARS

Very choice boars at very reasonable
prices. New blood for old customers.
Bred sow sale, January 27.
HENRY MURR, TONGANOXIE, KANSAS

CHESTER WHITE GILTS AND BOARS

Fall gilts for Feb. farrow, spring gilts for March farrow.
Spring boars; good ones. **E. E. SMILEY, Perth, Kan.**

**REG. CHESTER WHITE BOAR PIGS, serv-
iceable age, \$20; gilts, \$25; yearling sows,
\$30; bred, \$65. Earl Scott, Belvidere, Kan.****O. I. C. PIGS, \$12.00 EACH**

E. S. Robertson, Republic, Missouri

**CHESTER WHITE BOARS AND GILTS by
Buck Fin Top. W. H. Lynch, Neosho Rapids, Kan.**

BIG CHESTER BOARS, ALL AGES
E. Scherman, R. 7, Topeka, Kan.

APRIL AND SEPT. CHESTER WHITES

For sale. Verg Curtis, Larned, Kansas.

SHEEP.**REG. SHROPSHIRE RAMS**

A few choice ewes and ewe lambs,
J. B. Turner & Son, Harveyville, Kansas.

SHROPSHIRE AND HAMPSHIRE RAMS

Priced to sell; satisfaction guaranteed.
GEORGE ROW STOCK FARM,
A. S. Alexander, Prop., Burlington, Kansas

SHROPSHIRE SHEEP

A few young rams, good ones.
W. H. Johnston, Frankfort, Kan.

bred to one of the two good Villager bulls
at the head of the Holmes herd—Villager's
Prince by Villager and Royal Coronet by
Villager's Coronet by Villager. While the
average of the sale was a profitable one for
Mr. Holmes as breeder the cattle sold at
prices that will make them money makers
for their new owners if they are given fair
treatment. One of the good buys of the
sale was the combination of lots 8 and 10.
In this lot W. J. Sproul of Center got the
good coming 3-year-old cow, Villager's Prin-
cess by Villager's Prince, for \$900 and her
last May's heifer calf by the same sire for
\$305. Joe D'Avignon of Center bought But-
terfly's Diamond with a roan heifer calf by
Villager's Prince for \$560. This was pretty
near a case of buying the calf and having
the cow thrown in. W. J. Sanderson of
Monte Vista bought Secret Beaut with a bull
calf at foot for \$600. The bull calf has all
the ear marks as well as the breeding to
make a real herd bull when developed. Snow
Prince, a yearling bull by Villager's Prince,
was a decided bargain for L. B. Meyers of
Monte Vista at \$200. The top female of the
sale was Roan Victoria by Villager's Prince.
This yearling was one of the long, deep,
broad kind, decidedly mellow and with a
very sweet head. She went to Jay & Allen
of Boulder at \$1,050. Jos. Brunelli & Son
of Walsenburg topped the bull end of the
offering taking a big, sappy roan bull born
January 11, 1920, for \$1,500. This bull if
given the right growth will make a real
herd header and with the breeding behind
him should prove a real sire.

Coleman & Sons' Holstein Sale

David Coleman & Sons' public sale of 71
Holsteins at the Free Fair grounds sale pa-
villion last Wednesday, December 1, resulted
in an average of \$301.60 for the 71 head.
The first 35 sold for an average of \$450.40.
The sale amounted to \$18,530 and was very
satisfactory to the Colemans. The top price
was \$1,300, paid by the M. W. A. sanitarium
at Colorado Springs for Kansas Star Jewel,
the first prize senior yearling heifer at the
Kansas Free Fair 1920. E. E. Murphy,
Leavenworth, Kan., chairman of the board
of directors of that institution, and O. L.
Ward, who has charge of the herd, were
both present. These gentlemen have pur-
chased \$35,000 worth of Kansas Holsteins
during the last three or four months. The
heaviest buyer in the sale was Dr. Hubert
Work, Pueblo, Colo. He secured 14 head.
A. B. Wilcox and Vogt & Smith of Topeka
were good buyers. C. C. Wilson, who has
charge of the Spencer Penrose herd at Colo-
rado Springs, was a contender for the prize
heifer and finally bought her sister, Kansas
Star Madison Jewel, at \$475. Many of the
best things in the sale were bred to King
Watson Segis Star, a son of King Segis
Pontiac Count, owned jointly by the Cole-
mans and W. H. Mott. This bull now goes
to the head of Mr. Mott's Maplewood Farm
herd of Herington, Kan. The few young
bulls sold at very low prices. The absence
of those wanting bulls caused many fine
herd bull prospects to sell far below their
value. This sale followed the two days' sale
at Wichita which was the semi-annual state
association sale. Ninety-seven cattle sold for
\$33,000 and averaged \$340. These sales
demonstrate pretty clearly the popularity of
Kansas Holsteins. Both sales were managed
by W. H. Mott of Herington, Kan., in a
highly efficient and satisfactory manner.
The auctioneers were J. E. Mack, Fort Ma-
dison, Wis.; Boyd Newcomb, Wichita, and
Fred Ball, El Reno, Okla. Below is a list
of the principal buyers and what they
bought:

FEMALES

| | | | |
|--|--------------------------------------|----------------|-------|
| Flush's Emma De Kol 2nd's De Kol | 2nd, March 1908, O. N. Wilson, Sil- | ver Lake, Kan. | 275 |
| Miss Emma De Kol Cornucopia, June | 1917, Hubert Work, Pueblo, Colo. | | 400 |
| Emma Genesee Polkadot, March 1920, | Vogt & Smith, Topeka. | | 120 |
| Miss Emma De Kol Doede, June 1918, | Hubert Work | | 380 |
| Kansas Star Bonnie 2nd, November | 1917, A. B. Wilcox, Topeka. | | 310 |
| Kansas Star Opal, December 1919, | Hubert Work | | 325 |
| Holston Madison Diamond Jewel, Au- | gust 1913, F. A. Barney, Silver Lake | | 775 |
| Kansas Star Jewel, September 1918, M. | W. A. Sanitarium, Colorado Springs | | 1,300 |
| Kansas Star Madison Jewel, September | 1919, Spencer Penrose, Colo. Springs | | 475 |
| Colantha Betheline, April 1915, John | Stephenson, Holton, Kan. | | 580 |
| Segis Lady Bethel, April 1916, A. J. | King, Grandview, Mo. | | 360 |
| Lady Hadria Doede, December 1914, | Vogt & Smith, Topeka. | | 570 |
| Kansas Star Gladys, January 1916, Hu- | bert Work | | 475 |
| Kansas Star Gladys 2nd, June 1918, A. | J. King | | 450 |
| Kansas Star Lady Hadria, April 1919, | Walter Cope, Mayetta, Kan. | | 290 |
| Kansas Star Madge, November 1919, A. | A. Sloan, Grandview, Mo. | | 200 |
| Kansas Star Daisy, January 1916, Geo. | Walton, Holton, Kan. | | 195 |
| Daisy Lincoln Aaggle 2nd, January | 1918, A. B. Wilcox, Topeka. | | 300 |
| Kansas Star Miss Pietertje, February | 1917, Hubert Work | | 500 |
| Kansas Star Bonheur, January 1919, | A. W. Hanson, McFarland, Kan. | | 225 |
| Kansas Star Gerista, September 1915, | A. B. Wilcox | | 375 |
| Kansas Star Inara, October 1915, A. B. | Wilcox | | 560 |
| Kansas Star Wyntje, December 1915, | G. P. Saunders, Denison, Kan. | | 305 |
| Miss Nichols De Kol, February 1915, | Vogt & Smith, Topeka. | | 630 |
| Kansas Star Polly 2nd, J. M. Barnett, | Denison, Kan. | | 225 |
| Kansas Star Mae, November 1916, | Frank W. Howard, Oakley, Kan. | | 280 |
| Anemone Segis Klinnie, May 1912, W. | D. Oldnutt, St. Joe, Mo. | | 300 |

Field Notes

BY J. W. JOHNSON

C. H. Kayser, Bushong, Kan., Lyon county,
breeder of Poland Chins of the larger type,
has for sale four or five spring boars, big
nice fellows that he is pricing very low to
move them quick. Write him for prices and
descriptions.—Advertisement.

Last Call for Phelps-McClure Sale

The Phelps & McClure Holstein dispersal
at Aurora, Mo., Thursday, December 16, af-
fords an opportunity to Kansas and Okla-
homa breeders to attend this big sale and
also the Missouri Holstein association sale
at Springfield, Mo., the day following.
Ninety registered Holsteins of the very high-
est quality go in the Phelps-McClure sale at
Aurora. Kansas breeders and Oklahoma
breeders should not overlook this chance to
buy the kind that are proving profitable
right now. This is a federal accredited herd

Co-operation

of a county association and a county farm bureau agent in the
essential work of interesting and helping farmers to secure a
higher class equipment for turning crops and pasture into the
highest selling product has organized

The Shorthorn Sale

of the Shawnee County Shorthorn Breeders' Association which
you are asked to attend at

Topeka, Kan., Dec. 15

The sale will be at the fair grounds pavilion, right in town.
Be sure to attend.

See Claude Lovett's Consignment—Lyon County Shorthorn Sale

Emporia, Kansas, Wednesday, December 22, 1920

1 white yearling Scotch female by Scotch Lord by Lord Avondale out
of Grulickshank Spleenwort dam, 1st at Allen, Franklin, Greenwood, Lyon Co. fairs this
year; 1 junior yearling roan bull by Scotch Lord, 1st and grand champion at Allen,
Franklin, Wilson, Lyon Co. fairs; 3 well bred cows. No nurse cow used on Shorthorns
at fairs. The impress of Avondale blood in any Shorthorn herd justifies the high
repute accorded that blood line. Scotch Lord produces a wonderfully uniform lot of
good calves. Look for my consignment at this sale. Would sell at private sale a fine
9 mo. bull by Scotch Lord. Phone Eureka. Address Neal, Kansas, CLAUDE LOVETT.

Buy or Trade For A Cow

The real farmer's cow is a Shorthorn
cow. She will consume your surplus cheap
feed and produce milk and beef at least
cost. Buy a cow from a herd of estab-
lished reputation. Park Place Shorthorns
have gained their reputation by sale and
show ring records. You can buy the right
kind of foundation cow and buy her by
note on 9 months' time, or you can ex-
change your Shorthorn bulls for Short-
horn cows. Have more calls for bulls
than I can fill. Write, phone or call on

Park E. Salter

615 4th National Bank Bldg., Wichita, Kansas

Genuine Herd Bulls by Master of the Dales and out of Collynie Bred Cows

Master of the Dales bulls are proving
themselves splendid breeding bulls and
we can show you a few real bulls of
first class herd heading character.

They are a practical, husky and well
grown lot that will appeal to breeders
wanting bulls of real merit.

H. M. Hill, La Fontaine, Kan.

1886 TOMSON SHORTHORNS 1920

200 high class cattle of most popular
strains. Sires: Village Marshal and
Beaver Creek Sultan.
Several extra good young herd bulls for
sale. Address

TOMSON BROS.

Wakarusa, Kansas, or Dover, Kansas.

High Class Bulls Shorthorns

15 for sale by Choice Cumberland and
other noted sires. They are of the right
merit and of the richest ancestry. Good
females in calf to Dale's Emblem, a great
prize winning son of Dale Clarion.

A. R. FENNERN, AVOCA, IOWA

Amcoats Shorthorns

12 bulls, 7 to 13 months, including
pure Scotch. Roans, red and white.
Also Scotch and Scotch topped fe-
males. Write for descriptions and
prices.

S. B. Amcoats, Clay Center, Kan.

Abbotsford Shorthorns

Choice young bulls, reds, roans and
whites. Six to fourteen months old. Also
bred cows and open heifers. Can ship
over Missouri Pacific, Rock Island and
Santa Fe. Farm three miles south of
Herington. For descriptions and prices,
address

T. A. Ballantyne, Herington, Kansas

SUNFLOWER SHORTHORNS

Herd headed by Golden Laddle. Some ex-
tra good young bulls and a few females for
sale. No Sunday Business.

J. A. PRINGLE, ESKRIDGE, KAN.
R. R. Sta., Harveyville, 25 mi. S. W. Topeka.

SHORTHORN BULLS

Choice young bulls for sale, sired by bulls
carrying the popular blood lines.

C. W. TAYLOR, ABILENE, KANSAS
Dickinson County

FOR SHORTHORN BULLS

All ages. Address

HUNT BROS., BLUE RAPIDS, KAN.

Geary County Shorthorns

Pure Scotch and Scotch-Topped bulls from 6 to 13
months old. Reds, roans and whites. Also a few fe-
males. Write at once.

GEO. J. CASPER & SON, ALIDA, KANSAS

SHORTHORNS FOR SALE

20 cows, 10 heifers, 7 bulls; cows are bred to Ro-
sario 696161, a pure Scotch bull; calves are by Ro-
sario and Snowflake. Write or call.

C. E. HILL, TORONTO, KANSAS

We Are Offering Some Fine Spring Bulls

Roans and whites, by Orange Sultan; also 3 red grade
milkling Shorthorn heifers 7 mos. old; reasonable prices.
CHAS. HOTHAN & SON, SCRANTON, KAN.

ONE 5-YEAR-OLD ROAN SCOTCH BULL FOR SALE

Also some young bulls. Herd bull Marr Clara, bred by
Tomson Bros. **O. E. SCHULZ, ELLSWORTH, KAN.**

ABERDEEN-ANGUS CATTLE

12 Bulls

Eighteen to twenty
months; big strong
fellows. Priced to
sell.

J. D. MARTIN & SONS
R. 2, Lawrence, Kan.

35 Reg. Angus, All Females

Two-thirds will be two years old in
March and April. Most of the remainder
are younger. Large, thrifty, well bred
females from best Angus families, bred
to bulls equally good. Sell singly or in
groups. Priced right. Will give time if
preferred.

E. M. CHASE, R. 6, HOWARD, KANSAS

AYRSHIRE CATTLE.

Linndale Farm Ayrshires

For Sale: A few good females, cows
and heifers; one bull ready for service;
your choice of 4 bulls, six months and
younger, at \$100 each. Come and see
them or write for descriptions at once.

JOHN LINN & SONS, Manhattan, Kan.

GUERNSEY CATTLE

FOR SALE—TWO REG. GUERNSEY BULLS
Serviceable age; one high-grade bull coming yearling;
three Jersey cows; two high-grade Guernsey cows and
some grade Guernsey heifers. Write

Dr. E. L. G. Harbour, Lawrence, Kansas

2 HIGH CLASS GUERNSEY HEIFERS

For Sale—Coming 2; also registered yearling bull; tu-
berculin tested state and Federal supervision.

R. C. Krueger, Burlington, Kansas

JERSEY CATTLE

JERSEY CATTLE

Absolute Dispersal of Dornwood Farm Jerseys

Owned by Thomas F. Doran
At State Fair Grounds Topeka, Kansas

Wednesday, December 15, 1920

The blood of FINANCIAL KING, EMINENT, GOLDEN JOLLY, FLYING FOX, GOLDEN FERN'S LAD, Oxford Lad, and Golden Lad.

A Prize Winning REGISTER OF MERIT HERD of Superlative Breeding and High Class Individuals.

We invite your careful inspection of this noted herd believing we are offering a class of Jerseys that will appeal to the most discriminating buyer.

For illustrated catalog, address

B. C. Settles, Sales Mgr., 6155 Westminster Place, St. Louis, Mo.
COL. D. L. PERRY, Auctioneer

Reg. Jersey Dairy Herd Sale

Complete Dispersion of Chester Thomas Herd,

Waterville, Kan., Thursday, Dec. 16

14 cows, mostly young and very promising; 6 heifers, ages three to six months; bull calves, 3 months old.

1 herd bull, E's Rambo's Fox 165838, grandson of Interested Prince, owned by R. A. Sibley of Spencer, Mass., and a great grandson of Champion Flying Fox, imported. This herd contains some cows sired by Eminent of Dornwood and other high bred bulls.

Louis F. Nelson, Waterville, Kansas

Auctioneers—Gordon & Gordon.

Location: 4 1/2 miles south of Waterville. Sale starts at 12 noon.

REGISTERED JERSEYS

Herd sire: Bosnian's Golden Boy, grand champion bull of Kansas. Also one of his bull calves was junior champion Topeka Free Fair 1920. Get a start from prize winning stock. To make room we will price to sell quickly a few cows and heifers. Also have bull calves for sale. The cattle may be seen any week day. Come and look them over. W. R. Linton, Denison, Kan., R. R. Mayetta

TESSORO PLACE JERSEYS

One of the largest Register of Merit herds in the state. We won \$1,800 at four state fairs this fall. A choice lot of bull calves, grandsons of Financial King. Lad out of Register of Merit cows. Other stock for sale. R. A. GILLILAND, MAYETTA, KANSAS

Reg. Jerseys for Sale

One two-year-old heifer, will be fresh in April. One young bull 14 months old. Edward H. Larkins, R. 7, Marion, Kansas

REGISTERED JERSEY BULL CALVES
Hood Farm and Oakland Sultan breeding, \$50 each if taken soon. Percy Lill, Mt. Hope, Kan.

Hillcroft Farms Jerseys headed by Queen's Fairy Boy, pronounced the best bred Jersey bull in Missouri, a Register of Merit son of Raleigh's Fairy Boy, the greatest bull ever imported, 54 tested daughters, 36 tested granddaughters and 34 producing sons. Choice bull calves for sale. Reference Bradstreet. M. L. GOLLADAY, PROPR., HOLDEN, MO.

PUREBRED JERSEY CATTLE

Registered and in the Government Accredited Herd List. A small but select herd of producing cattle. We have at present bulls from calves to serviceable age. J. B. PORTER & SONS, MAYETTA, KAN.

Fine Reg. Jersey Bull Calf

For sale. A. H. Knoepfel, Colony, Kansas.

JERSEY BULLS—Two Financial King bred bulls, from tested dams. Send for picture and pedigree. Frank Knopf, Holton, Kan.

Scantin Jersey Farm, Savonburg, Ks.
Financial Kings, Raleigh and Noble of Oakland breeding.

When writing advertisers mention this paper.

HEREFORD CATTLE

HEREFORD CATTLE



The Pickering Farm

Breeders of
Reg. Hereford Cattle



Repeater 7th 386905 — HERD BULLS — Disturber 4th 364835

Assisted by Beau Donald 173d 419230, Norman 496158, Beau Model 461320, Paladin Paragon 2d 607449, Ardmore Jr. 799310, a prize winning son of the champion Ardmore 566000.

Two carloads of good breeding cows and heifers for sale. Write for our private sale catalog of bulls. Correspondence invited. Visitors welcome.

Our first public sale will take place on the farm on May 17th and 18th, 1921, when a select lot of bulls and females of our own breeding will be offered. We are located 20 miles south of Kansas City on Rock Road. Railroad Station, Harrelson, Mo., on Frisco R. R.

The Pickering Farm, Box A, Belton, Missouri



Show and breeding barns on Pickering Farm.

sold on a 90 day retest privilege. Go to Kansas City and you can leave there the morning of the sale, arriving at Aurora before 11 o'clock. W. H. Mott, Herington, Kan., conducts the sale and will be glad to answer any questions, either by mail or sale day. You still have time to get the catalog if you write at once. It is a big opportunity for the buyer.—Advertisement.

Ralph Wells' Durocs

Ralph P. Wells, Formoso, Kan., breeder of Duroc Jerseys in Jewell county for years, is not going to hold a bred sow sale but will sell bred sows, bred to farrow in the spring at prices that will be considerably less than you can buy them for in February sales. You better write him at once. They are of best of breeding and choice individuals. Look up his advertisement in this issue of the Kansas Farmer and Mail and Breeze.—Advertisement.

Jones Offers Bargains

John W. Jones, Minneapolis, Kan., offers some extra bargains in real herd boar material for the Kansas breeder who is looking for up to date breeding and good individuals. Mr. Jones will sell a consignment of bred sows and gilts with L. J. Leary at Mr. Healy's farm joining Hope, Kan., Dickinson county, February 4. February 24 he will hold his regular annual bred sow sale at Salina, Kan. These sales will be advertised in the Kansas Farmer and Mail and Breeze.—Advertisement.

Henry Woody's Herefords and Durocs

Henry Woody, Barnard, Kan., Lincoln county, breeds Hereford cattle and Duroc Jerseys. In this issue of the Kansas Farmer and Mail and Breeze and in the Duroc Jersey section will be found his advertisement in which he offers Duroc Jersey boars, good sows, and of real up to date breeding at popular prices. He is offering extra good gilts bred to farrow next spring and also tried sows. Also a few August pigs either sex at very attractive prices. If you want good ones worth the money write Mr. Woody, Barnard, Kan., at once.—Advertisement.

Last Call for Topeka Sale

The Shorthorn cattle sale of the Shawnee County Shorthorn Breeders' association will be held at the Free Fair grounds in Topeka, Kan., Wednesday, December 15. Announcements in previous issues have given a fair idea of the superior value of the cattle to be sold. Another matter for consideration is the sound movement which this sale indicates: a movement to put on more farms the most satisfying and uniformly profitable equipment for turning pasture forage and intelligent work and attention into good money. This movement is succeeding because it is based on sound principles. Those who would be benefited by it, and who wish it should be sure to attend the sale.—Advertisement.

Jersey Cattle Dispersion

In this issue of the Kansas Farmer and Mail and Breeze will be found the advertisement announcing the complete dispersion of Louis F. Nelson's herd of Jersey cattle at his farm four and a half miles south of Waterville, Kan. By looking up this advertisement you will find a very complete description of the cattle that are to be sold in this sale. This herd was formerly well known as the Chester Thomas herd of Waterville, Kan. It is a herd of very high quality in both breeding and individual merit. There are fourteen cows, mostly young and very promising; six young heifers from three to six months old, and two bull calves. Also a herd bull of great merit. Some of the cows are by Eminent of Dornwood and other bulls of merit. The sale is next Thursday and you have time to write for the catalog and any information you desire but you should write today in order to secure this information before the sale. These are real Jersey cattle and will be sold at auction and are sure to sell very reasonably.—Advertisement.

Allen County Holstein Sale

Allen county's first Holstein sale will be held at Iola, Kan., Tuesday, December 21. Seventy-five head will be sold. W. H. Mott, Herington, Kan., is managing the sale. It is a high class offering of real Holsteins, featuring the dispersal of the entire herd of J. W. Hamm, Humboldt, Kan. There will be daughters of a 36 pound son of Pontiac Korndyke, granddaughters of Colantha Johanna Champion, granddaughters of Johanna McKinley Segis, King Segis Pontiac and others of great note. S. E. Ross, Iola, Kan., is consigning some of his best cattle. Forty high grade cows and heifers, either fresh or to freshen soon will be sold. It is a classy lot of cattle from well known and established herds. The catalog is ready to mail. For a catalog write W. H. Mott, Herington, Kan., today. Ask him for any information you desire and he will furnish it by return mail. Everything sold on a 60 to 90 day retest guarantee. You are invited to attend the banquet the evening before the sale given by the business men of Iola. Come early. Look up the advertisement in this issue and write to W. H. Mott at once for the catalog.—Advertisement.

Adds Son of Joe Orion 2nd

You probably know Mr. Peck of Pretty Valley Farm, Gypsum, Kan., as that enterprising young breeder who purchased one-half interest in Fairview Orion Cherry King a year ago last spring at the record price of \$1,500. This great breeding boar died about a year ago but in the herd are a number of his good daughters and an outstanding good son, Long King Orion. Wishing to carry on this line of breeding Mr. Peck purchased at a long price from the Enoch Farms at Fernwood, Miss., the great producing sow, Walt's Friend Lady, bred to the great Joe Orion 2nd. This sow was raised by Ira Jackson, that veteran breeder of the East. This sow farrowed and raised ten big nice pigs, six of which were boars. Among this lot was an outstanding individual head and shoulders above the rest. This is Joe's Orion Friend Walt, that good young boar that now heads the Pretty Valley herd. Coming from the very top most strains of the breed we predict that he will be a great breeder of the modern type Durocs. Mr. Peck will not hold a bred sow sale this winter but is offering the very tops of his spring gilts and fall yearlings bred to this great young boar or to Long King Orion, son of Fairview Orion Cherry King. Mr. Peck is carrying an ad in this issue and if you want this line of breeding you should get in touch with him immediately.—Advertisement.

BY J. T. HUNTER

H. C. Hartke Sells Durocs December 14
This is last call for H. C. Hartke's sale of Durocs at his farm Tuesday, December 14.

HEREFORD CATTLE

Goodman Herefords

Office in service
Disturber Stannway 830673
Publican 8th 685039
Breeding cows, strong Anxiety breeding. We offer for private sale 20 cows and heifers and 10 bulls of serviceable age. Descriptions and prices by return mail. J. R. GOODMAN, WHITE CITY, KAN. (Morris County)

Hereford Heifers and Bulls

Fairfax and Anxiety heifers and bulls. Heifers bred in June, two and three year olds. Bulls range from spring calves to enough for service. A well bred lot carrying plenty of quality. Phone or address, E. H. ROBINSON, MARION, KANSAS. Live near Florence and Marion.

WILEY FAIRFAX AND BUDDY L.

Head our herd. Will sell Anxiety bred cows and heifers, many with calf at foot and bred. Spring bulls and bulls ready for service also for sale. Paul E. Williams, Route 3, Marion, Kansas

HEREFORDS FOR SALE

Fairfax breeding, two car loads of cows, one car of heifer calves, one car of bull calves. SCHLICKAN BROS., HAVEN, KANSAS

ANXIETY BRED HEREFORDS

Bulls, cows and heifers, at bargain prices. W. H. Hildreth, Oswego, Kansas

RED POLLED CATTLE

FORT LARNED RANCH

200 HEAD OF REGISTERED RED POLLED CATTLE
A number of choice one and two-year-old bulls and heifers from one to three years old. E. E. FRIZELL & SONS, FRIZELL, KAN.

20th Century Stock Farm Registered Red Polls

We are offering bulls of choicest breeding also cows and heifers from heavy milking dams. Twentieth Century Stock Farm, Quinter, Kan.

RED POLLED BULLS

Some extra fine registered bulls for sale. Write for prices and descriptions, or better come and see the herd bulls used in the herd were from the breeding of some of the best Red Polled herds in the country such as Luke Wiles, Chas. Huff & Sons and Mable Greenmiller. GEORGE HAAS, LYONS, KANSAS

Pleasant View Stock Farm

Registered Red Polled cattle. For sale, few choice young bulls, cows and heifers. Halloran & Gambrell, Ottawa, Kansas

RED POLLED CATTLE

Choice young bulls. Write for prices and descriptions come and see them. C. Walter Sander, R. 2, Stockton, Kan.

FOSTER'S RED POLLED CATTLE

A few choice young bulls. C. E. Foster, Route 4, Eldorado, Kan.

RED POLLS. Choice young bulls and heifers. Write for prices and descriptions. Chas. Morrison & Son, Phillipsburg, Kan.

REGISTERED RED POLLED BULLS
For sale. T. A. Hawkins, Wakeeney, Kan.

POLLED SHORTHORNS.



Polled Shorthorns

None better for the farm or ranch. One of the largest herds in the West. Some of the best of the breed. Forty males and females for sale. Prices cut \$25 to \$50 per head.

J. C. Banbury & Sons

Phone 2803, 1 mile west of Plevna, Kan.

ARBORDALE POLLED SHORTHORNS

Big growthy young bulls of breeders' quality. For sale at farmers' prices. CHESTER SMITH & SON, WAVERLY, KAN.

10 POLLED SHORTHORN BULLS

Big husky reds and roans 12 to 20 mos. old. Priced to sell. Can spare a few females. C. M. HOWARD, HAMMOND, KANSAS

DOGS AND PONIES

FOR SALE—SMALL STRAIN FOX TERRIER PUPPIES
Lake Side Variety Farm, Neodesha, Kansas

German Shepherds, Airedales, Collies and Old English Shepherd dogs. Brood matrons, puppies, farm helpers. 10c for instructive paper. W. R. Watson, Box 1009, Oakland, Iowa

TWELVE WOLF HOUND PUPPIES

Sire and dams very fast, can kill a coyote. Single puppy, either sex, \$15; 1 to 2, \$25; three, \$30. Tom Walker, Clay Center, Neb.

LINE BRED AIREDALE PUPPIES

For sale. Write the Lawrence Kansas Airedales or telephone 2074, Lawrence, Kansas

SHETLAND PONIES FOR SALE

All ages. Emmons Bros., Hill City, Kansas

When writing advertisers mention this paper

near Lost Springs, Kan. The sires by which most of the herd is bred come from prize winning families. Here is a good opportunity for farmers to buy a few good Durocs.—Advertisement.

Reed & Son's Durocs.

Ernest A. Reed & Son of Lyons, Kan., are offering a number of outstanding big type Duroc spring boars and gilts for sale. Some are sired by Reed's Gano, first in his class at Topeka, Hutchinson and Oklahoma fairs, some by a splendid son of Cherry King, Orion, and others by an outstanding son of Great Orion Sensation. Dams are of Crimson Wonder, Orion, Critic and Col. breeding.—Advertisement.

D. G. Shirk Sells Registered Percherons

D. G. Shirk, Sedgwick, Kan., is quitting the farm and disposing of implements, general farm equipment and livestock including 11 registered Percherons. The sale will be Wednesday, December 22. The Percherons for sale are five mares to foal in spring, three stallions, and three mares under two years. Pedigrees will be ready for buyers. Every animal in good condition. General sale starts 10 a. m. Registered Percherons sell afternoon. Nine months time without interest. Address D. G. Shirk, Sedgwick, Kan.—Advertisement.

Good Opportunity to Get Angus Females

E. M. Chase, Howard, Kan., who has an advertisement in this issue of the Kansas Farmer and Mail and Breeze, is offering for sale his herd of more than 35 females at very attractive prices because of the death of his former partner in the cattle business. The sale of these cattle is necessary in order to settle the estate of the deceased partner, Trojan, Erica, Mina, Heather and Blackbird blood lines predominate in the herd. The sire to which most of them are bred is a Black Cap. Will sell on time to responsible parties. Investigate this matter. There will be money in it. Address E. M. Chase, Howard, Kan. Please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Stafford County Stock Show

Stafford County Purebred Breeders' association was organized a year ago for the purpose of organized effort both to dispose of the surplus purebred livestock in the county and to encourage the raising of more and better livestock there. The association has a large sale pavilion admirably suited for sales and well tempered enthusiasm on the part of breeders has made this association a very helpful institution. December 16 and 17, a stock show will be held and prizes awarded for winners. Horses, mules, jacks and cattle and hogs will be shown and judged by someone from the Kansas State Agricultural college. Dr. S. N. Myers, Stafford, Kan., secretary of the association, takes care of inquiries from prospective purchasers of purebred livestock by putting the buyer in touch with the party or parties having the kind of livestock the buyer prefers. Good purebred livestock is plentiful in Stafford county and an inquiry addressed to Dr. Myers will result in your being put in touch with owners having what you want. When writing please mention Kansas Farmer and Mail and Breeze.—Advertisement.

Claude Lovett Consigns Good Shorthorns

Before graduating from the State Agricultural college some years ago Claude Lovett, Neal, Kan., went to one of the good Shorthorn herds in the middle west and bought a good young son of Lord Avondale by Avondale and let the young bull grow up. Mr. Lovett also bought a few good heifers from some of the best herds. When he graduated from the college and went onto the farm he had a pretty fair start toward building a first class herd. When one visits Mr. Lovett's herd and looks it over he can easily discover that a good herd sire has been used without having to see the sire at all. The Avondale bred Shorthorns have excellent quality. Better top lines than these Shorthorns have would be difficult to find in any of the very best herds in the country. Mr. Lovett will consign five head to the breeders' sale at Emporia, Wednesday, December 22. Among these will be a white yearling Scotch heifer by his Avondale bull, Scotch Lord. The dam was a Cruickshank Splendid. The heifer was first at Allen, Franklin, Greenwood and Lyon county fairs this year. In this consignment will be a junior yearling bull by Scotch Lord. He was both first in his class and grand champion at the Allen, Franklin, Wilson and Lyon county fairs. Three well bred cows will be sold at the sale, one with twin bull calves at side by Scotch Lord. Mr. Lovett has never used a nurse cow on any Shorthorn exhibited. You will be pleased to look at the Lovett consignment at this sale. Mr. Lovett has a fine 9 months old roan bull out by Scotch Lord for private sale. Write him today about this bull calf or about his consignment to the Lyon county sale. Please mention Kansas Farmer and Mail and Breeze. Phone Eureka, or address Claude Lovett, Neal, Kan.—Advertisement.

A Letter from a Hampshire Breeder

Walter Shaw, Wichita, Kan., writes us as follows under date of November 28: "I am now breeding and have for sale 30 coming 2-year-old sows that saved entire litters last spring. You saw them last spring. Am breeding them to Githen's Choice that won four straight grand championships last year. Also have 50 last spring gilts sired by this sow. Will breed to order. My hogs are all guaranteed for life and I will guarantee them in every respect. Have a few serviceable sows left. Respectfully, Walter Shaw, Route 6, Wichita, Kan." That is a good letter from a breeder of as good Hampshires as you will find anywhere. It seems almost unbelievable but the facts are that out of a large number of pigs farrowed the spring of 1919 that Mr. Shaw's Hampshire sows lost less than half a dozen. His 1920 crop was not quite so nearly a 100 per cent crop but was far above the percentage ordinarily saved. The Easter storm in 1920 caused him to lose a few pigs. Mr. Shaw states that the low mortality at farrowing time is due to the fact that the Hampshire sow is less irritable and excitable at farrowing time than any other sow. Without trying to detract from the importance of Mr. Shaw's statements it is quite possible that Mr. Shaw's good judgment in caring for his brood sows before farrowing and after have very much to do with his excellent record of saving so great a majority of Hampshires. Further, the buyer of Hampshires from Mr. Shaw may rest assured that nothing but good Hampshires go out to parties wanting hogs from his herd. Write Mr. Shaw if you want some good Hampshires. Incidentally we might mention that one of his sows, Virginia 1st, is a litter mate sister of the high-

Allen County First Annual Sale Of Holstein-Friesian Cattle

At the Butcher Sale Barn

Iola, Kansas, Tuesday, December 21, 1920 75 Head of Holsteins

Forty head of registered cattle, consisting of the entire herd of J. W. Hamm of Humboldt, Kan., who has some of the best breeding in the state and many fine individuals.

A few of Mr. Hamm's special attractions:

Three granddaughters of Colantha Johanna Champion, whose sire is that wonderful bull, Sir Fayne Concordia.

Two granddaughters of Johanna McKinley Segis, who has a junior 2-year-old daughter that has just broken the world's record for 2-year-olds by making over 80 lbs. of butter in 7 days.

One daughter from a 36-lb. son of Pontiac Korn-dyke, one of the greatest bulls of the breed.

One granddaughter of King Segis Pontiac, the greatest sire of sires, whose son, King Segis Pontiac Count, has produced daughters that have broken over 100 world's records in both short and long-time test.

One A. R. O. cow, granddaughter of King Segis Pontiac Alcartra, the \$50,000 bull, and three-fourths brother to King Segis Pontiac Count and King Segis Pontiac Konigen.

Granddaughters of King Pieter, Korndyke Henger-veld De Kol, and other noted bulls.

Young bulls ready for service from a son of King Segis Pontiac Alcartra and from high-record dams.

S. E. Ross consignment of Iola:

Mr. Ross is digging deep into his herd and sending the best he has to this sale.

Six handsome heifers, fresh in the spring, all-daughters of a 26-lb. bull.

One daughter of King Segis Pontiac Combination, a brother to King Segis Pontiac Count.

One daughter of a sister of Duchess Skylark Ormsby, the cow who is today the world's record cow, producing 1,506 lbs. butter in one year.

There is an unusual lot of breeding in this sale and a real opportunity for breeders to buy some real foundation cattle.

40 High Grade Holstein Cows Fresh or Heavy Springers

Many of these are purebreds on which papers have not been kept.

We invite every one interested in Dairy Cattle to this sale. If possible, come the day before, December 20, and look the cattle over and attend the banquet given by the commercial organization of Iola.

All cattle tuberculin tested and sold with 60 to 90-day retest privilege.

Remember the date—December 21, 1920. Catalogs sent upon request. Write today to

W. H. Mott, Sales Manager, Herington, Kansas

est priced sow of the breed. When writing Mr. Shaw please mention Kansas Farmer and Mail and Breeze.—Advertisement.

The Biggest Show and Sales

In last year's sales at the Kansas National Livestock Show were sold 165 Shorthorns, 152 Herefords, 70 Holsteins, 100 Angus, 81 horses, mostly Percherons; 40 jacks and jennets, and 90 hogs, mostly Poles. With some breeds Manager Kirk introduced the plan of dividing the sale entries of each breed into two sale groups according to quality. One sale was called a breeders' sale and the other a purple ribbon sale, in which only champions and sons and daughters of champions were sold. The plan was decidedly satisfactory and will be followed in coming sales. Illustrating the extent to which consignors reach the furthestmost markets as well as the best nearby demand thru the Kansas National it can be noted that from last year's sales three Percherons went to Canada, two to Spain, three to Cuba, and one to New York. Five Holsteins went to New York, and twelve Shorthorns went to Argentina, while to the territory to which Wichita is the gateway they went by the scores. Cash prizes for the coming show are not only liberal but in many classes cash prizes are awarded as far down as tenth place, thereby insuring not only rating but remuneration for most any animal having reasonably good quality and properly fitted. In a number of state fair rings the past season, only three money prizes were given. Four thousand dollars is offered to Short-horn winners, \$2,250 to Holsteins, \$2,000 to Herefords, \$1,000 to Aberdeen-Angus, \$1,500 to Percherons, \$1,000 to Poles and Durocs, \$300 to sheep, \$800 to carlot steers, and \$500 to pet animals. Over 1,500 pet animals were exhibited last year and it is anticipated that more will be exhibited this year. First prizes run from \$40 to \$60 and the lowest prizes from \$5 to \$10. The Holstein cash prizes are so arranged that it is possible for the grand champion cow to win \$250. Three hundred sheep will be in the show and sales. Frank W. Harding, Anoka Farms, Wisconsin, consigns 40 imported sheep of which 30 will be Shropshires and 10 Hampshires. Homan & Son, Peabody, Kan.; Gilmore & Hague, Peabody, Kan., and the Kansas State Agricultural college, Manhattan, Kan., are other consignors of some of the best sheep. Entries for the show close January 1. Address Frank S. Kirk, Mgr., Wichita, Kan., for any information desired. The show and sales will occupy the week beginning January 24, 1921.—Advertisement.

BY E. S. HUMPHREY

A Real Holstein Bull Offered

I recently had the opportunity to visit the Holstein herd of Mrs. R. G. Douglas, Rush P. O., Colo., and want to say that I was very agreeably surprised. The female end of the herd showed great capacity for milk production and those which had been in milk for months showed that the capacity is bettered by persistency. All of the females milking are on test with pleasing results, the tests running as high as 34 pounds of butter in 7 days. The Douglas herd is notable for their strong constitutions. I was surprised to find such a truly milking lot with very deep, capacious chests and great size, age considered. It cannot be wondered at, however, when one realizes that Mrs. Douglas never stables her cattle except while they are being milked. Even the test cows are kept in the open regardless of weather. In this issue of Kansas Farmer and Mail and Breeze Mrs. Douglas is offering an exceptionally good young bull. I saw him and can recommend him as a good individual. The price will be right you will find if you get in touch with Mrs. Douglas.—Advertisement.

COLUMBINE HERD OF HOLSTEINS

Sons of Funderne Johanna Rue Valdessa are selling. Let this one head your herd—Columbine Colantha Valdessa, born Feb. 21, 1920. Three-fourths white, individually right. Dam: Miss Columbine Colantha Ormsby, a wonderful A. R. O. daughter of King Korndyke Colantha Ormsby, whose dam has a record of thirty pounds butter in seven days and 1,255 pounds in a year with over 25,000 pounds milk. \$250.00 buys him.

Spencer Penrose, Owner, Chas. C. Wilson, Manager, Colorado Springs, Colorado

HOLSTEIN BREEDERS AND FARMERS

We have sold our farms and will sell at private sale our entire herd of 80 head pure bred and registered cows, heifers and bulls. Bulls ready for service, \$100.00 to \$125.00 for quick sale.

Smith & Hughes
Route No. 2, Topeka, Kan.

Heavy Producing Holsteins

For sale, Sons of Smithdale Alcartra Pontiac, 20 A. R. O. daughters, one producing son. Smithdale is from the same cow as the sire of Tilly Alcartra. Young, healthy, acclimated bulls from tested dams up to 33 lbs. American Beet Sugar Co. Center Farm, Lamar, Colorado. G. L. Penley, Farm Superintendent.

HOLSTEIN BULLS

Several now old enough for service, good individuals, grandsons of King of the Pontiacs, and priced right. Three-year-old herd sire for sale, fine individual, well bred, gentle and guaranteed breeder. A few good young cows. Write us for prices. O. E. RIFFEL & SON, STOCKTON, KAN.

Holstein Bull Bargains

Purebred bull calves, \$25 up; serviceable age as low as \$75. Sixty head for sale. Quality and breeding will surprise you. The Bourbon County Holstein Friesian Co., Fort Scott, Kansas

FOR HIGHLY BRED HOLSTEIN CALVES

Heifers and bulls, 6 to 8 weeks old, beautifully marked, from heavy producing dams, \$25 each. Safe delivery guaranteed. Write Fernwood Farms, Wauwatosa, Wis.

Braeburn Bulls Four yearlings out of A.R.O. dams, by high-record sires. Younger ones coming on the best we ever raised. H. B. Cowles, 608 Kansas Ave., Topeka, Kan.

G. REGIER AND SON'S HOLSTEINS Two good, straight yearling bulls. A.R.O. breeding; dam of herd sire, 38.92 lbs. butter in 7 days. G. Regier & Son, Whitewater, Kansas

REGISTERED HOLSTEIN BULL ready for service. Good ancestry, well marked. Priced at \$60 F. O. B. Bazaar, Kan., for quick sale. Ralph Johnson, Matfield Green P. O., Kan.

HOLSTEIN CATTLE

Fred H. Lee
Plymouth, Michigan,
writes:

"I have 26 head of Purebred Holsteins, all descendants of my two original cows. I have become owner of a large farm, near Detroit, which otherwise would have been impossible. I have not been able to back Holsteins but Holsteins have had to back me."

Send for free booklets.

The Holstein-Friesian Ass'n of America
292 American Bldg., Brattleboro, Vt.

Tilly Alcartra Bred Calf

Sire, a 31 pound son of Korndyke Queen DeKol's Prince. 90 A. R. O. daughters. Dam, a 24.56 pound sister to the world's greatest dairy cow, Tilly Alcartra whose son sold for \$50,000. A dandy calf. Priced very reasonable.

McKAY BROS., CADDOA, COLORADO

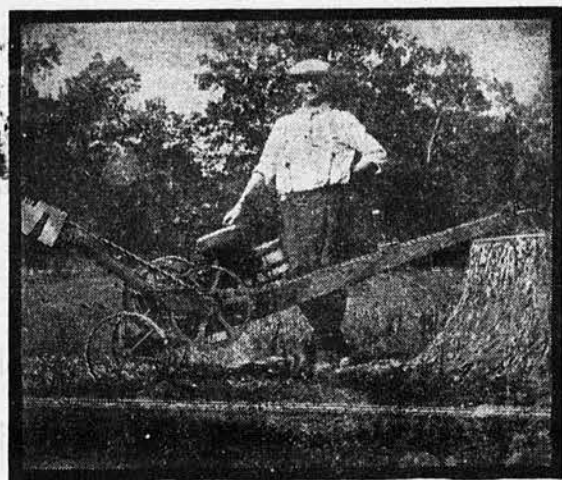
7-Month-Old Holstein Bull

For Sale—A beautiful calf, sired by the 30-lb. Denver Sir Segis (who has a 34-lb. junior 3-year-old sister) and out of a 4-year-old cow that milked 101.4 lbs. milk in 1 day, 696.4 lbs. in 7 days and made 27 lbs. butter in 7 days. Her record was made without ensilage or beets and in warm weather. This bull calf has 2 generations of over 100-lb. cows straight back as his grand dam milked 108 lbs. milk in 1 day and 3,100 lbs. in 30 days. This bull will be a gold mine for someone. WHY NOT YOU?

MRS. R. G. DOUGLAS, RUSH P. O., COLO.

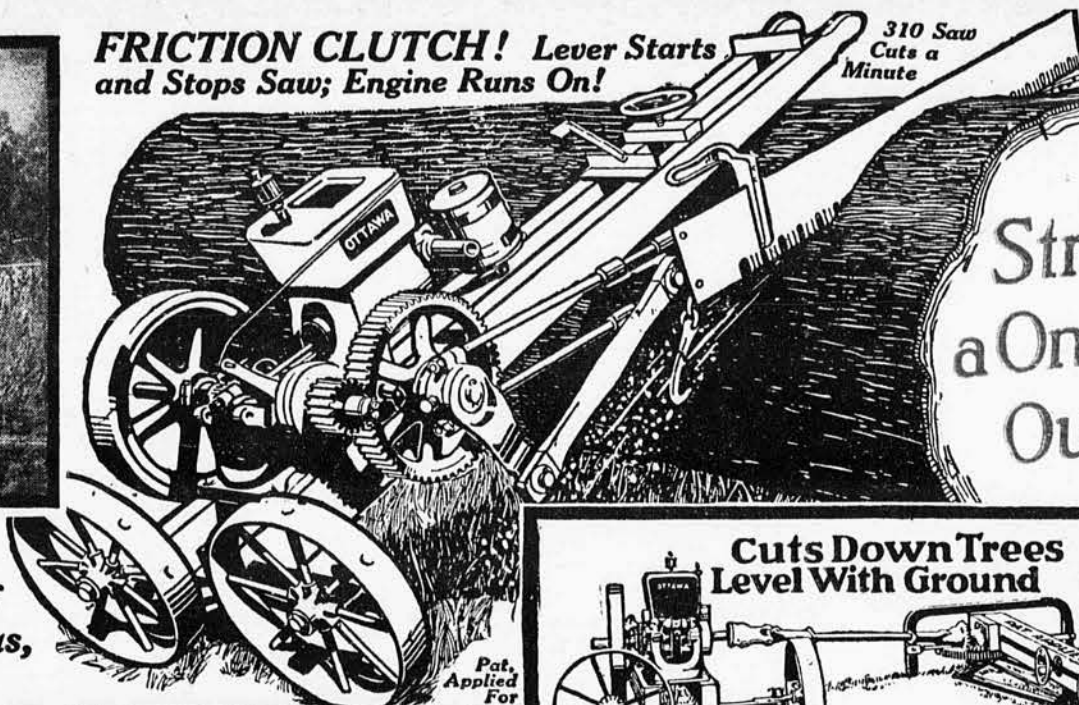
2 Reg. Holstein Bull Calves—\$65 Each
W. H. WILLIAMSON, RAYMOND, KANSAS

HOLSTEIN AND GUERNSEY CALVES
6 and 8 weeks old, \$25 each; reg. bulls, \$50. We ship C. O. D., subject to inspection. Spreading Oak Farm, R. 1, Whitewater, Wis.



This is a Photo of Joe Layer of Scranton, Arkansas, who writes:

FRICITION CLUTCH! Lever Starts and Stops Saw; Engine Runs On!



310 Saw Cuts a Minute

Used in U. S. Navy and in Gov't. Schools

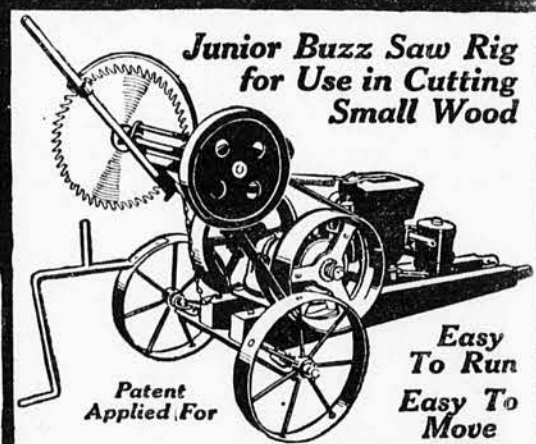
Strictly a One-Man Outfit

Cuts Down Trees Level With Ground



5 Seconds to Change From Tree Faller To Log Saw and Back Again.

Junior Buzz Saw Rig for Use in Cutting Small Wood



Patent Applied For

Easy To Run Easy To Move

"I Made \$1,000 In Spare Time"

—With An OTTAWA Log Saw!

Wheels Like a Barrow



That's what Joe Layer did. And you can do as well! Mr. Layer writes: "The Ottawa Log Saw sure is a fine outfit. I have made about \$1,000 with it in spare time. I saw stove wood for the people around here. I have earned me a new Ford car with my saw. I would not be without it for anything."

Saws More Than 15 Men The OTTAWA does away with all the back breaking toil and old time hard work of cross cut sawing or lugging logs to a circular saw. Does more work than 10 to 15 husky farm hands and keeps it up morning, noon and night, day after day. When not sawing wood, in runs pumps, feed grinders, separators, cuts stave bolts and ice, etc. You can't afford to be without one. The coupon below will bring you our **Big Special Offer. Lowest Factory Price—Less Than Wholesale.** Send for it today!

MAKE MONEY by sawing wood for neighbors. Be independent of coal shortages and high-priced coal. You can saw from 35 to 50 cords a day with an OTTAWA. **SAVE MONEY** by buying now while the price is right. The OTTAWA is yours at actual factory cost!

You can only get the OTTAWA Log Saw direct from the factory and at the low factory price. You can't get an OTTAWA in any other way. The OTTAWA is the standard by which all Log Saws are judged. It is the original—Beware of imitations!

OTTAWA LOG SAW

Cuts Down Trees—Saws Logs By Power

Pulls Over 4 H-P. The new improved 1921 Model cuts much faster than other mounted Drag or Log Saws. Has most powerful light weight specially designed 4 H-P. engine. Makes 310 Saw Cuts a Minute—over 5 each second. Weighs 100 pounds less than any other 4-cycle log saw built. Easiest to move and operate of all log saws. Direct gear drives saw; no chains to tighten; no keys, no set screws. 4-cycle Frost-proof Engine. Built-in Magneto—no batteries ever needed. Automatic Governor with Speed Regulator. Counter balanced Crank Shaft eliminates vibration, increases power and saves fuel. Eccentric gives human rocking motion, keeping cut free from saw dust. Outfit strong but simply built. Nothing to get out of fix. A great work-saver and money-maker.

30 Day's Trial—10 Year Guarantee

This is a Guarantee that Protects you. We guarantee the OTTAWA Log Saw to be exactly as described and illustrated in our advertising, catalog and printed matter; that it will do the work claimed for it; that it will develop full rated 4 H-P; that it represents full value for the price you pay. If for any reason the OTTAWA Log Saw fails to fulfill our guarantee after trying it 30 days, we expect you to return it in accordance with guarantee and trial offer.

Special Offer Now—Less Than Wholesale Prices! To enable as many as possible to provide fuel for themselves without any hard work, and to sell, we are making a Special Offer Now at less than Wholesale Factory Prices. Send at once for it! Don't delay! Just put your name and address on the coupon attached and you will receive promptly complete information about this Special Offer.

Ottawa Ships 'em Quick! To overcome railroad delays and to save you money on freight, we have established distributing Warehouses in 9 conveniently located railroad centers. We ship immediately from point nearest you.

St. Paul, Minn. Indianapolis, Ind. San Francisco, Cal. Pittsburgh, Pa. Dallas, Tex. Pueblo, Colo. Atlanta, Ga. Portland, Ore. Ottawa, Kans.

Address all Communications to the Factory Office, Ottawa, Kansas.
OTTAWA MANUFACTURING CO.,
1468 Wood St., Ottawa, Kansas.

Friction Clutch

lever controlled, roller bearing, makes it easy for you to start and stop saw blade without stopping engine. Saves time and provides absolute safety in moving saw from log to log and from cut to cut along log! No dangerous swishing of saw blade in the air! Second clutch provided as a safety clutch to prevent accident if saw blade should bind.

Cash or Easy Payments

Get the new plan of purchase and find out how easy it is to own an OTTAWA Log Saw. It will soon pay for itself. Any man with logs to cut cannot afford to be without this log saw. And you can soon own an OTTAWA under our wonderful selling plan. Only sold Direct from Factory to You. For nearly 20 years we have been selling direct to users, saving them thousands and thousands of dollars.

Free Book! We have prepared a 32-page book which you may have free! It illustrates in full color the OTTAWA Log Saw, taken from genuine photographs, showing all details of construction. Be sure to send name and address on coupon so you will receive your copy promptly. Send today.

How to Beat the Coal Shortage

MAIL THIS NOW

OTTAWA MFG. CO.
1468 Wood St., Ottawa, Kansas.
Without any obligation on my part, please send your Free Book and Special Offer on the OTTAWA Log Saw.

Name.....
Address.....

Shipped on 30 Days Trial Sold on Liberal 10-year Guarantee